



Pool Reserve Report - Gas

PIMS8320

THE FOLLOWING RESERVES AND PRODUCTION INFORMATION IS REPORTED

ORIGINAL GAS IN PLACE	= OFFICIAL GAS VOLUME IN PLACE, IN THOUSANDS OF CUBIC METRES.
INITIAL RESERVES	= LATEST ESTIMATED RECOVERABLE GAS RESERVES IN THOUSANDS OF CUBIC METRES.
ANNUAL PROD	= ANNUAL GAS PRODUCTION FOR THIS YEAR, IN THOUSANDS OF CUBIC METRES.
CUMUL. PROD	= CUMULATIVE GAS PRODUCTION, IN THOUSANDS OF CUBIC METRES.
REMAINING RESERVES	= REMAINING GAS RESERVES, IN THOUSANDS OF CUBIC METRES.
WELL COUNT	= NUMBER OF WELLS IN THE POOL AT YEAR END.
DATE LAST UPDATED	= DATE RESERVES WERE LAST UPDATED IN YYYY-MM FORMAT.



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Date Run: 2019APR05

Total Areas: 227

Total Pools: 2897

Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
0050 ADSETT										
SLAVE POINT - A - BERKLEY PROJECT	3,955	65.0	2,571	16	2,468	103	0.613	1,575	1,513	62
SLAVE POINT - B	838	65.0	545	4	439	106	0.636	346	279	67
SLAVE POINT - B - BERKLEY PROJECT	1,344	65.0	873	4	592	281	0.634	554	376	178
SLAVE POINT - C - BERKLEY PROJECT	85	65.0	55	0	44	11	0.648	36	28	8
SLAVE POINT - H	140	80.0	112	0	105	7	0.735	82	77	5
SLAVE POINT - I	1,391	65.0	904	0	842	62	0.727	657	612	45
SLAVE POINT - J	309	75.0	232	3	206	26	0.734	170	152	18
SLAVE POINT - K	142	50.0	71	0	42	29	0.694	49	29	20
SLAVE POINT - L	606	65.0	394	0	197	197	0.705	278	139	139
SLAVE POINT - M	998	90.0	898	8	585	313	0.725	651	424	227
SLAVE POINT - N	343	65.0	223	2	112	111	0.668	149	75	74
SLAVE POINT - O	388	90.0	349	8	261	88	0.689	241	179	62
SLAVE POINT - P	35	90.0	32	0	19	13	0.777	25	15	10
TOTAL FIELD	10,574		7,259	45	5,912	1,347		4,813	3,898	915
0100 AIRPORT										
BLUESKY - A	87	80.0	69	0	66	3	0.889	62	59	3
DUNLEVY - A	105	80.0	84	0	79	5	0.875	74	69	5
BALDONNEL - A	49	7.3	4	0	4	0	0.805	3	3	0
HALFWAY - A	82	90.0	74	0	54	20	0.861	64	46	18
HALFWAY - B - RANGER PROJECT	SOLN 6	5.0	0	0			0.830	0		
	CAP 303	1.0	3	0	3	0	0.830	3	2	1
TOTAL GAS	309		3	0	3	0		3	2	1
HALFWAY - C	SOLN 14	49.0	7	0	7	0	0.822	6	5	1
HALFWAY - D	64	80.0	51	0	7	44	0.863	44	6	38
BELLOY - B	97	85.0	82	0	1	81	0.882	73	0	73
TOTAL FIELD	807		374	0	221	153		329	190	139
0210 AITKEN CREEK NORTH										
BLUESKY - A	1,411	90.0	1,270	0	803	467	0.950	1,206	763	443
BLUESKY - B	345	50.0	173	4	79	94	0.872	151	69	82
TOTAL FIELD	1,756		1,443	4	882	561		1,357	832	525

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
0050 ADSETT														
D	0	16.8	7.5	20.3	391	Y	1,916	24,426	0.9390	28.482	6	2011-12	03032	1972
V	819	9.7	6.8	18.3	389	Y	1,916	24,311	0.9360	28.647	5	2003-12	03479	1974
V	1,071	11.8	7.0	20.0	389	Y	1,907	24,311	0.9360	29.521	4	2001-12	03479	1974
D	0	14.2	7.0	21.3	396	Y	1,866	23,163	0.9480	37.470	1	2004-12	05926	1984
D	273		13.5	20.2	386	Y	1,837	23,867	0.9560	36.970	1	2015-12	15434	2003
V	819	16.3	6.7	18.9	378	Y	1,859	24,214	0.9500	35.743	3	2006-12	03551	1975
D	0	6.7	4.4	8.9	391	Y	1,791	23,444	0.9570	33.550	1	2010-12	16047	2003
V	273	5.0	7.0	20.0	387	Y	1,889	23,892	0.9430	31.100	1	2014-12	15478	2003
V	273	20.0	7.0	15.0	395	Y	1,946	25,054	0.9670	31.990	1	2005-12	18921	2005
D	274		7.0	15.0	391	Y	1,859	25,510	0.9700	32.480	1	2009-12	18601	2005
V	273	14.5	5.1	10.0	394	Y	1,812	23,731	0.9070	29.940	1	2006-12	16273	2003
D	273	0.0	7.0	20.0	383	Y	1,838	6,280	0.9520	31.470	1	2010-12	20357	2006
D		2.0	12.0	18.0	397	Y	1,932	22,599	0.9460	32.330	1	2013-12	22358	2008
0100 AIRPORT														
D		2.3	16.6	40.1	321	Y	279	7,184	0.8950		4	2016-12	00027	1952
D	0	0.0	0.0	0.0	322	Y	380	9,963	0.8840		2	2010-12	00027	1952
X	226	3.0	10.0	38.0	323	Y	537	11,225	0.8450		1	2012-12	00287	1957
D	0	4.0	10.0	25.0	330	Y	813	14,155	0.8420	41.800	2	2015-12	00035	1953
												2014-12	04515	1978
X	259	7.4	16.2	31.1	334	Y	808	13,747	0.8270		1	2014-12	04515	1978
D		4.8			332	Y	816			43.370	1	2015-12	19941	2005
V	261	2.8	9.8	36.4	331	Y	821	13,612	0.8370	41.340	1	2007-12	12142	1999
V	259	2.5	12.3	34.3	341	Y	1,228	19,050	0.8587		1	2012-12	07434	1990
0210 AITKEN CREEK NORTH														
D	0	5.6	10.0	19.7	340	Y	365	10,849	0.8550	43.060	1	2002-12	07775	1991
V	282	5.7	13.8	15.0	334	Y	375	18,107	0.8420	42.330	1	2010-12	09537	1995

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As of December 31, 2017**

2019APR05
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Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
0250 ALCES										
KISKATINAW - A	852	12.0	102	0	89	13	0.989	101	88	13
TOTAL FIELD	852		102	0	89	13		101	88	13
0320 ALTARES										
BLUESKY - A	155	90.0	140	0	109	31	0.822	115	90	25
BLUESKY - B	973	90.0	876	0	741	135	0.860	753	636	117
BLUESKY - C	58	90.0	52	0	4	48	0.882	46	3	43
GETHING - A	852	90.0	767	19	406	361	0.813	624	330	294
GETHING - B	7	80.0	5	0	3	2	0.837	4	2	2
CHARLIE LAKE - A	92	85.0	78	0	7	71	0.657	51	4	47
COPLIN - A	223	80.0	178	0	136	42	0.685	122	93	29
HALFWAY - A	118	90.0	106	0	5	101	0.868	92	4	88
HALFWAY - B	759	80.0	607	0	377	230	0.815	495	307	188
TOTAL FIELD	3,237		2,809	19	1,788	1,021		2,302	1,469	833
0350 ATTACHIE										
BALDONNEL - A	173	75.0	129	0	0	129	0.897	116	0	116
BASAL KISKATINAW - A	1,291	80.0	1,033	0	888	145	0.902	931	801	130
DEBOLT - A	39	80.0	31	0	0	31	0.859	27	0	27
TOTAL FIELD	1,503		1,193	0	888	305		1,074	801	273
0380 BEAR FLAT										
BEAR FLAT - A - COURAGE PROJECT	SOLN	58	90.0	52	0		0.879	46		
	CAP	10	80.0	8	0	50	0.879	7	43	10
TOTAL GAS		68		60	0	50		53	43	10
BEAR FLAT - B - DEVON PROJECT	SOLN	23	90.0	21	0	13	0.869	18	11	7
BEAR FLAT - C		46	80.0	37	0	6	0.884	33	5	28
BEAR FLAT - D - DEVON PROJECT	SOLN	4	90.0	3	0	3	0.884	3	2	1
HALFWAY - A		194	90.0	174	0	31	0.849	148	26	122
HALFWAY - B - SAMSON PROJECT		673	90.0	605	0	327	0.838	507	274	233
BELLOY - A		22	80.0	17	0	2	0.838	14	1	13
KISKATINAW - A		140	90.0	126	0	114	0.912	115	104	11
TOTAL FIELD		1,170		1,043	0	546		891	466	425

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
0250 ALCES														
V	877	7.7	8.8	21.9	346	Y	1,484	19,671	0.8810		2		05660	1981
0320 ALTARES														
D	1,148		9.9	26.8	309	Y	135	9,218	0.7640	47.980	5	2011-12	00410	1959
D		4.3	7.4	40.8	317	Y	233	9,430	0.8100	42.545	20	2016-12	05039	1980
V	287	5.3	10.5	30.0	304	Y	116	4,936	0.8950		1	2009-12	19029	2005
M		3.0	11.3	29.3	313	Y	256	8,776	0.8280	43.080	7	2016-12	19029	2005
V	98	0.8	13.5	22.0	338	Y	154	8,325	0.8700	43.130	1	2011-12	18745	2005
V	286	3.7	6.8	32.0	352	Y	1,177	19,866	0.8580	40.960	1	2002-12	09417	2000
V	761	1.8	10.0	20.0	330	Y	929	18,196	0.7720	38.050	5	2007-12	17739	2004
V	573	6.0	2.5	27.0	352	Y	1,273	19,866	0.8560	42.430	2		07047	1989
V	1,830	3.4	8.3	24.5	334	Y	1,158	19,201	0.8400	39.070	12	2007-12	17739	2004
0350 ATTACHIE														
V	200	15.0	7.0	33.0	322	N	518	12,218	0.8800	40.870	0		02961	1971
D	0	2.4	9.8	28.8	349	Y	1,420	19,826	0.8720	36.560	2	2010-12	02961	1971
V	264	2.3	3.8	15.0	331	N	1,481	20,300	0.8850	38.680			08440	1994
0380 BEAR FLAT														
V	136	0.4	14.8	14.0	327	Y	698	13,690	0.8220		2	2010-12	02352	1968
M		1.1			329	Y	698			44.660	1	2010-12	13572	2000
V	260	1.1	15.3	22.0	326	Y	653	12,681	0.8140		1	2004-12	12629	2000
V	0	1.6			326	Y	698			43.610	1	2004-12	14094	2001
V	260	5.2	13.6	23.0	325	Y	798	12,891	0.8240	42.040	1		12629	2000
V	982	6.8	12.1	38.1	341	Y	811	13,883	0.8610	40.408	5	2005-12	11452	1998
V	260	2.8	6.0	29.0	335	Y	1,239	7,279	0.8890	40.950	1	2006-12	12629	2000
D	0	2.7	11.5	30.2	345	Y	1,250	17,942	0.8700	39.079	2	2010-12	12410	1999

Field / Pool / Project	1	2	3	4	5	6	7	8	9	10	
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3	
0400 BEATTON RIVER											
BLUESKY - A	SOLN	4	20.0	1	0	0	1	0.794	1	0	1
BLUESKY - B		4	50.0	2	0	2	0	0.857	2	2	0
BLUESKY		22	62.8	14	0	14	0	0.879	12	12	0
FIRST GREEN MARKER - A		58	30.0	17	0	17	0	0.875	15	15	0
COPLIN - A		23	90.0	21	0	18	3	0.877	18	16	2
A MARKER/BASE OF LIME - A		29	90.0	26	0	25	1	0.877	23	22	1
HALFWAY - A - ENCAL PROJECT	SOLN	168	82.0	138	0	138	0	0.830	115	115	0
HALFWAY - B - ENCAL PROJECT	SOLN	5	90.0	4	0			0.788	3		
	CAP	137	90.0	123	0	125	2	0.788	97	98	2
TOTAL GAS		142		127	0	125	2		100	98	2
HALFWAY - D	SOLN	117	43.0	50	0	47	3	0.861	43	41	2
HALFWAY - E		30	25.0	7	0	5	2	0.901	7	5	2
HALFWAY - G - ENCAL PROJECT #1	SOLN	70	50.0	35	0			0.794	28		
	CAP	31	80.0	24	0	58	1	0.794	19	46	1
TOTAL GAS		101		59	0	58	1		47	46	1
TOTAL FIELD		698		462	0	449	13		383	372	11
0600 BEATTON RIVER WEST											
BLUESKY - A - CNRL UNIT #1	SOLN	148	85.0	126	0	121	5	0.791	99	96	3
GETHING - A		167	90.0	150	0	15	135	0.871	131	13	118
GETHING - B		86	90.0	77	0	0	77	0.868	67	0	67
HALFWAY - A		163	90.0	146	0	23	123	0.879	129	20	109
HALFWAY - B		61	33.0	20	0	20	0	0.850	17	17	0
TOTAL FIELD		625		519	0	179	340		443	146	297
0700 BEAVERDAM											
BLUESKY - A		37	90.0	33	1	26	7	0.748	25	20	5
UPPER HALFWAY - A		482	90.0	434	0	431	3	0.725	314	312	2
HALFWAY - C		13	90.0	11	1	10	1	0.730	8	7	1
HALFWAY - D		75	80.0	60	1	19	41	0.725	43	14	29
LOWER HALFWAY - A	SOLN	8	80.0	6	0	4	2	0.867	6	4	2
TOTAL FIELD		615		544	3	490	54		396	357	39

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
0400 BEATTON RIVER														
V	65	2.4			326	Y	255				1	2012-12	06847	1988
D	280		18.9	33.7	326	Y	232	6,987	0.8910	41.370	1	2010-12	06998	1995
X	561	0.0			323	Y	246	6,755	0.8820	42.930	2	2010-12	02915	1999
X	259	2.1	16.2	13.1	327	Y	292	7,563	0.8670		1	2007-12	02915	1971
D	0	0.8	12.4	43.2	325	Y	286	7,300	0.8830	41.710	1	2005-12	08810	1994
D	0	0.8	12.4	43.2	325	Y	286	7,276	0.8850		1	2010-12	08810	1994
X	0	3.2			327	Y	346			32.090	17	2012-12	00309	1958
												2005-12	00869	1961
D	0	3.3	16.5	13.8	327	Y	343	8,113	0.8830	44.590	4	2005-12	00869	1961
D		2.0			327	Y	353			38.712	3	2015-12	02909	1971
V	65	3.6	21.7	28.9	327	Y	357	8,274	0.8790	39.820	1	2005-12	03112	1972
												2014-12	06630	1987
D		1.4	17.8	24.1	327	Y	353	7,833	0.8720	41.778	8	2014-12	06661	1987
0600 BEATTON RIVER WEST														
D	560	0.0			321	Y	265			50.868	21	2015-12	00408	1959
V	281	5.0	17.1	21.3	317	Y	264	8,373	0.8500	43.530	1		11371	1998
V	280	5.5	10.0	30.0	324	N	328	7,825	0.8610	44.660	0	2007-12	18789	2006
V	281	4.4	24.1	37.7	325	Y	399	8,626	0.8610	42.850	1		11371	1998
D	0				326	Y	424	8,957	0.8070	48.530	2	2004-12	12079	1999
0700 BEAVERDAM														
D	283		11.6	37.1	324	Y	276	7,099	0.8850	42.270	1	2012-12	17519	2004
D		2.1	17.1	9.6	331	Y	404	9,287	0.8630	43.230	3	2015-12	01746	1965
D		1.6	21.0	14.0	326	Y	394	8,973	0.8680	42.200	1	2017-12	17850	2004
V	282	2.6	16.2	26.0	327	Y	386	8,579	0.8750	41.940	1	2012-12	17851	2004
V	38	3.5			331	Y	404			44.610	1	2005-12	01653	1965

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0740 BEAVER RIVER										
MATTSON - A	56	77.0	43	0	43	0	0.842	36	36	0
MATTSON - B	402	50.0	201	0	131	70	0.847	170	111	59
PROPHET - A	40	90.0	36	0	24	12	0.857	31	21	10
BANFF - A	28	50.0	14	0	14	0	0.808	11	11	0
NAHANNI - A - TRANSEURO BEAVER RIVER INC	7,312	75.0	5,484	0	5,151	333	0.763	4,182	3,928	254
TOTAL FIELD	7,838		5,778	0	5,363	415		4,430	4,107	323
0760 BEAVERTAIL										
NOTIKEWIN - A	43	90.0	39	2	28	11	0.879	34	25	9
BLUESKY - A	1,991	95.0	1,892	2	1,851	41	0.833	1,575	1,541	34
GETHING - B	69	90.0	62	1	51	11	0.748	46	38	8
GETHING	1	80.0	0	0	0	0	0.883	0	0	0
DUNLEVY - B	11	85.0	9	0	0	9	0.904	8	0	8
DUNLEVY - D	52	90.0	47	0	33	14	0.886	41	29	12
BALDONNEL - A	25	50.0	13	0	12	1	0.887	11	11	0
CECIL - A	40	90.0	36	0	13	23	0.895	33	11	22
HALFWAY - B - CNRL PROJECT										
SOLN	40	78.0	31	0			0.854	27		
CAP	30	50.0	15	0	46	0	0.854	13	39	1
TOTAL GAS	70		46	0	46	0		40	39	1
HALFWAY - C - STARVEST PROJECT										
SOLN	10	38.8	4	0			0.861	3		
CAP	30	1.0	0	0	4	0	0.861	0	3	0
TOTAL GAS	40		4	0	4	0		3	3	0
HALFWAY - E	214	80.0	171	0	164	7	0.834	143	137	6
HALFWAY - F	55	80.0	44	0	13	31	0.862	38	12	26
HALFWAY - H - CNRL PROJECT										
SOLN	59	50.0	30	0			0.777	23		
CAP	15	80.0	12	0	40	2	0.777	10	31	2
TOTAL GAS	74		42	0	40	2		33	31	2
HALFWAY - I	174	90.0	157	0	151	6	0.838	131	126	5
HALFWAY - K										
SOLN	6	50.0	3	0	3	0	0.848	3	2	1
HALFWAY - L	73	90.0	66	0	64	2	0.862	57	55	2
DOIG - A	69	80.0	55	0	0	55	0.852	47	0	47
TOTAL FIELD	3,007		2,686	5	2,473	213		2,243	2,060	183

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
0740 BEAVER RIVER														
M	0	0.0	0.0	0.0	356	Y	1,158	25,235	0.9380		0	2012-12	00682	1961
V	526	150.0	0.5	20.0	345	Y	922	13,869	0.8970	37.620	2	2012-12	00682	2006
D	263	5.0	19.7	25.0		Y	1,985				1	2012-12	02547	2004
M	0	64.3	0.3	25.0	378	Y	2,088	35,853	1.0430		0	2012-12	03434	1974
M	0	365.0	0.3	22.0	448	Y	3,200	40,679	1.1130	34.550	5	2003-12	00682	1961
0760 BEAVERTAIL														
D		11.1	14.1	58.2	313	Y	86	4,370	0.9260	34.290	4	2015-12	18315	2004
D					321	Y	320	7,770	0.8640	46.390	9	2017-12	00300	1957
V	568	0.0	15.2	19.0	325	Y	336	8,052	0.8640	43.960	2	2010-12	08320	1993
D					326	Y	334	6,708	0.8890	42.610	1	2012-12	09016	1995
V	150	1.0	11.6	31.0	328	N	361	8,905	0.8500		0		04547	1978
V	644	1.3	11.9	33.6	322	Y	343	7,712	0.8690	41.675	4		07864	1992
D		2.9	15.9	24.7	326	Y	357	8,850	0.8700	42.060	1	2016-12	22348	2007
V	283	1.0	15.3	12.0	326	Y	454	10,186	0.8380	41.460	1	2003-12	14891	2002
V	283	1.1	16.9	43.8	334	Y	517	10,173	0.8650	41.140	5	2017-12	04508	1978
X	284	0.9	13.7	26.6	334	Y	514	10,260	0.7460	41.250	1	2014-12	06494	1986
M	0	7.0	18.9	36.6	328	Y	528	13,438	0.8190	38.630	1	2005-12	08163	1993
V	283	2.1	15.0	34.5	332	Y	507	9,650	0.8760	40.100	1		01564	1965
D		3.5	19.6	30.3	331	Y	530	10,619	0.8380	39.530	8	2017-12	09016	1995
D		5.9	16.7	3.8	329	Y	504	9,723	0.8650	42.630	1	2014-12	10479	1997
V	71	2.1			328	Y	521			42.620	1	2004-12	06199	1985
D		1.7	12.9	38.0	332	Y	497	10,059	0.8740	41.800	2	2014-12	16223	2003
V	284	1.8	15.5	13.1	330	N	540	10,000	0.8590	40.690	1		09855	1996

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Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
0800 BEG										
BLUESKY - A	917	90.0	825	8	414	411	0.867	715	359	356
BLUESKY - C	72	85.0	61	0	26	35	0.908	56	24	32
BLUESKY - D	103	85.0	87	0	67	20	0.807	70	54	16
BLUESKY - F	51	70.0	36	1	25	11	0.853	31	22	9
DUNLEVY - A	315	90.0	283	0	237	46	0.869	246	206	40
DUNLEVY - B	45	90.0	41	1	36	5	0.828	34	30	4
DUNLEVY - C	387	90.0	349	8	304	45	0.876	305	267	38
DUNLEVY - D	100	80.0	80	0	33	47	0.800	64	26	38
BALDONNEL - A	166	80.0	132	0	108	24	0.851	113	92	21
BALDONNEL - A - PETRO-CAN PROJECT	3,433	75.1	2,578	0	2,575	3	0.851	2,193	2,191	2
BALDONNEL - C - PETRO-CAN PROJECT	1,600	75.0	1,200	0	1,177	23	0.799	959	941	18
BALDONNEL - E	503	90.0	452	0	0	452	0.859	389	0	389
BALDONNEL - F	234	90.0	210	0	122	88	0.815	171	100	71
INGA - A	15	80.0	12	0	5	7	0.902	11	4	7
NORTH PINE - A	62	80.0	49	0	5	44	0.843	42	4	38
HALFWAY - A	9,950	80.0	7,960	38	7,229	731	0.802	6,383	5,797	586
HALFWAY - C	21	90.0	19	0	18	1	0.844	16	15	1
HALFWAY - D	142	80.0	113	0	96	17	0.869	99	84	15
HALFWAY - E	178	80.0	143	2	98	45	0.866	124	85	39
HALFWAY - F	96	85.0	82	0	58	24	0.862	70	50	20
DEBOLT - A	441	70.0	309	0	238	71	0.898	277	214	63
DEBOLT - B	38	90.0	34	1	27	7	0.893	30	24	6
SLAVE POINT - A	899	90.0	809	9	557	252	0.795	643	443	200
TOTAL FIELD	19,768		15,864	68	13,455	2,409		13,041	11,032	2,009

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11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
0800 BEG														
D	0	0.0	14.4	19.2	330	Y	306	10,503	0.8280	43.216	4	2012-12	05428	1980
V	282	3.0	13.9	40.0	330	Y	294	10,503	0.8880	46.740	1		11489	1998
D	281				332	Y	312	10,100	0.8570	42.500	1	2011-12	00711	1961
D	780	1.2	12.1	35.2	298	Y	334	9,965	0.8000	40.506	3	2017-12	19326	2005
D		4.3	8.0	22.3	331	Y	344	9,391	0.8660	40.910	2	2015-12	00168	1956
M		12.1	7.0	42.2	334	Y	350	9,579	0.8710	41.590	1	2009-12	05138	1980
D	0	3.6	10.3	22.4	332	Y	375	8,896	0.8770	41.985	3	2013-12	10633	2000
V		2.5	9.0	18.0	332	Y	344	7,531	0.8790	43.210	1	2013-12	21520	2007
D	0	0.0	7.6	26.7	332	Y	449	11,583	0.8440	42.271	3	2004-12	00112	1955
D			7.6	26.7	332	Y	434	11,583	0.8440	40.730	18	2017-12	00112	1955
M	0	0.0	11.4	11.3	332	Y	399	11,425	0.8510	42.366	5	2010-12	00766	1961
V	280	21.0	9.7	27.5	336	N	373	11,478	0.7990	36.810	1		10083	1996
D		6.9	10.5	25.3	338	Y	470	11,532	0.8510	42.647	2	2014-12	12905	2000
V	282	1.0	4.0	20.0	340	Y	590	17,266	0.8650	40.610	1		10537	1997
V	282	3.7	11.0	34.0	323	Y	569	7,975	0.8600	42.720	1		11489	1998
D	0	0.0	6.4	25.8	334	Y	728	14,026	0.8140	41.707	82	2009-12	00541	1961
D	281		9.1	38.0	343	Y	672	12,656	0.8720	42.070	1	2015-12	07673	2007
V	562	3.1	9.3	26.5	343	Y	686	12,289	0.8560	42.843	3	2001-12	12905	2000
V	326	5.8	10.5	29.5	331	Y	682	12,542	0.8450	41.760	2	2007-12	19326	2005
V	280	3.4	9.3	17.0	343	Y	607	13,190	0.8360	41.698	3	2010-12	23137	2008
M	0	4.0	10.0	25.0	360	Y	1,189	21,622	0.9060	41.030	1		00229	1957
D	282		7.6	41.6	362	Y	1,280	20,196	0.9090	40.860	1	2010-12	10539	1997
D		26.0	5.1	19.0	426	Y	2,517	34,358	1.0490	32.650	1	2010-12	19311	2005

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	1	2	3	4	5	6	7	8	9	10
Field / Pool / Project	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
1000 BEG WEST										
BLUESKY - A	118	80.0	94	5	68	26	0.811	77	55	22
BLUESKY - B	221	80.0	177	6	132	45	0.818	145	108	37
BLUESKY - C	232	90.0	209	7	180	29	0.863	180	155	25
GETHING - A	193	90.0	173	2	104	69	0.821	142	85	57
GETHING - B	244	90.0	220	0	135	85	0.864	190	117	73
BALDONNEL - A - PETRO-CAN PROJECT	349	90.0	314	3	175	139	0.805	253	141	112
BALDONNEL - B	253	90.0	228	0	207	21	0.809	184	167	17
HALFWAY - A	157	70.0	110	0	99	11	0.859	94	85	9
HALFWAY - B	99	80.0	79	1	61	18	0.844	67	52	15
HALFWAY - C	1,007	90.0	907	9	640	267	0.848	769	543	226
HALFWAY - D	257	90.0	232	0	202	30	0.873	202	176	26
TOTAL FIELD	3,130		2,743	33	2,003	740		2,303	1,684	619
1200 BERNADET										
BLUESKY - A	36	78.0	28	0	28	0	0.888	25	25	0
BLUESKY - C	191	77.3	148	0	147	1	0.859	127	126	1
DUNLEVY - A	618	85.0	525	2	347	178	0.865	454	300	154
DUNLEVY - C	36	80.0	28	0	21	7	0.853	24	18	6
COPLIN - A	109	80.0	87	0	57	30	0.762	66	44	22
INGA - A	43	50.0	22	0	0	22	0.878	19	0	19
HALFWAY - C	68	90.0	61	0	41	20	0.705	43	29	14
HALFWAY - D	214	90.0	192	0	80	112	0.703	135	56	79
TOTAL FIELD	1,315		1,091	2	721	370		893	598	295

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
1000 BEG WEST														
V	490	2.8	11.6	27.6	333	Y	291	10,325	0.8610	41.841	3	2012-12	10619	1997
D		2.7	12.2	30.5	332	Y	342	10,628	0.8540	40.762	4	2012-12	12340	1999
D	282		11.1	40.0	332	Y	348	10,726	0.7960	42.540	1	2009-12	21349	2006
D	562		8.2	14.6	332	Y	362	11,408	0.8640	40.600	2	2012-12	17901	2007
D	281		9.8	22.0	333	Y	337	11,576	0.8670	41.690	1	2011-12	22605	2007
V	564	7.4	9.6	25.0	335	Y	425	11,659	0.8530	40.477	2	2012-12	00622	1960
V	843	6.1	6.0	29.7	335	Y	427	11,728	0.8530	40.515	5	2010-12	00620	1960
V	643	4.2	6.8	34.8	343	Y	643	13,449	0.8520	41.873	11	2009-12	20234	2005
D	843	3.2	10.4	26.9	343	Y	726	12,513	0.8560	42.078	3	2017-12	20393	2006
V	2,256	4.0	10.8	19.0	344	Y	723	13,352	0.8650	42.181	17	2008-12	16304	2003
V	607	4.5	7.3	6.4	342	Y	656	14,262	0.8600	41.211	15	2007-12	14922	2002
1200 BERNADET														
M	0	4.0	8.0	15.0	326	Y	257	8,322	0.8700		0	2012-12	01106	1962
V	1,320	2.1	9.9	23.8	328	Y	292	8,940	0.8470	45.130	6	2017-12	04194	1978
M	0	12.5	12.5	43.6	328	Y	374	9,429	0.8570	43.750	2	2008-12	04030	1977
M	0	6.1	11.7	32.5	325	Y	407	9,340	0.8310		1	2003-12	08342	1993
D	537	0.0	14.3	27.7	329	Y	743	14,635	0.6240	44.970	1	2013-12	20184	2006
V	259	1.6	10.4	38.2	345	N	823	16,380	0.8330		0		04964	1979
D		6.8	6.8	31.9	331	Y	944	14,969	0.7550	44.763	6	2014-12	06403	1985
V	351	9.4	6.0	31.7	333	Y	871	13,405	0.7240	43.277	6	2009-12	21486	2007



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	1	2	3	4	5	6	7	8	9	10	
Field / Pool / Project	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3	
1260 BIRCH											
BLUESKY - A	177	90.0	160	0	137	23	0.819	131	112	19	
GETHING - A	154	1.0	2	0	0	2	0.815	1	0	1	
GETHING - B	23	49.9	12	0	12	0	0.850	10	10	0	
GETHING	19	80.0	15	0	10	5	0.843	12	9	3	
DUNLEVY	7	90.0	7	0	7	0	0.849	6	6	0	
BALDONNEL - A	898	25.0	224	0	206	18	0.848	190	175	15	
BALDONNEL - B	51	90.0	46	1	40	6	0.831	38	33	5	
BALDONNEL - C - CNRL PROJECT #1	SOLN	774	90.0	697	41	389	308	0.811	565	315	250
BALDONNEL - H	49	17.0	8	0	7	1	0.836	7	6	1	
HALFWAY - A	91	90.0	82	0	82	0	0.829	68	68	0	
SLAVE POINT - A	422	90.0	380	0	58	322	0.843	320	49	271	
TOTAL FIELD	2,665		1,633	42	948	685		1,348	783	565	



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11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
1260 BIRCH														
D	0	8.0	8.0	55.7	325	Y	352	5,000	0.9090	49.010	1	2006-12	07392	1991
V	282	7.0	10.3	34.8	322	N	391	11,135	0.8470		0		03476	1977
X	259	1.8	7.9	39.0	329	Y	396	10,066	0.8440		1		04125	1977
D	0				315	Y	373	9,155	0.8580	44.820	1	2010-12	11176	2001
D					329	Y	395	7,011	0.8950	44.776	4	2012-12	08036	1993
V	1,641	8.7	9.3	32.0	336	Y	453	11,042	0.9400	41.931	9		04098	1977
D	416		14.6	42.9	330	Y	433	10,545	0.8740	41.451	4	2016-12	11176	2001
D					323	Y	459			42.945	60	2017-12	04826	1979
V	579	2.0	5.7	29.1	341	Y	476	11,104	0.8870	43.780	3	2017-12	02244	1968
D	518	0.0	11.9	43.5	336	Y	642	11,811	0.8390	45.860	3	2010-12	03476	1977
V	282	14.5	5.6	14.7	416	Y	2,527	32,860	1.0400	37.550	1	2008-12	16163	2006

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Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
1280 BIRLEY CREEK										
BLUESKY - B	16	80.0	13	0	1	12	0.866	11	1	10
BLUESKY - C	23	80.0	19	0	10	9	0.776	14	8	6
BLUESKY - D	1	80.0	1	0	1	0	0.947	1	1	0
GETHING - A	67	75.0	50	2	35	15	0.833	42	30	12
GETHING - E	46	80.0	37	0	4	33	0.830	31	3	28
GETHING - G	123	10.0	12	0	9	3	0.791	10	7	3
GETHING - H	27	90.0	24	1	18	6	0.861	21	15	6
CADOMIN - A	9	90.0	8	0	6	2	0.864	7	5	2
CADOMIN - B	57	90.0	52	0	21	31	0.779	40	16	24
CHARLIE LAKE - A	14	80.0	11	0	0	11	0.849	10	0	10
CHARLIE LAKE - B	29	80.0	23	0	2	21	0.789	18	1	17
A MARKER/BASE OF LIME - A	262	80.0	210	2	97	113	0.866	182	84	98
A MARKER/BASE OF LIME - B	158	80.0	126	2	78	48	0.806	102	63	39
HALFWAY - A	127	90.0	114	0	37	77	0.872	99	32	67
HALFWAY - B	213	90.0	191	0	162	29	0.877	168	142	26
HALFWAY - D	125	90.0	112	0	19	93	0.886	99	17	82
HALFWAY - E	88	80.0	71	0	1	70	0.884	62	1	61
HALFWAY - F - ANDERSON PROJECT	SOLN	14	50.0	7	0	4	0.846	6	4	2
HALFWAY - H - ANDERSON PROJECT	SOLN	13	50.0	6	0	3	0.760	5	2	3
HALFWAY - I	92	85.0	78	0	9	69	0.883	69	8	61
TOTAL FIELD	1,504		1,165	7	517	648		997	440	557
1300 BIVOUAC										
DEBOLT - A	313	75.0	235	0	48	187	0.838	197	40	157
DEBOLT - E	164	90.0	147	0	21	126	0.836	123	18	105
DEBOLT - G	93	90.0	84	0	3	81	0.830	69	2	67
DEBOLT - H	76	47.0	36	0	36	0	0.832	30	30	0
ELKTON	149	90.0	134	5	83	51	0.853	115	71	44
BANFF - A	42	80.0	34	0	12	22	0.860	29	10	19
JEAN MARIE - A	4,400	90.0	3,960	84	1,601	2,359	0.854	3,381	1,367	2,014
MUSKWA - A	493	25.0	123	2	13	110	0.882	109	11	98
TOTAL FIELD	5,730		4,753	91	1,817	2,936		4,053	1,549	2,504

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
1280 BIRLEY CREEK														
V	281	0.8	14.5	34.4	325	Y	299	7,346	0.8650		1	2004-12	15310	2003
D	281		8.0	31.0	326	Y	325	8,574	0.8460	44.420	1	2011-12	22490	2007
D		1.8	12.0	43.0		Y	331			44.420	1	2015-12	22376	2007
V	267	3.0	13.8	26.1	328	Y	364	8,096	0.8600	44.235	3	2007-12	08760	1994
V	281	2.9	9.4	27.5	328	Y	357	8,197	0.8570	44.570	1	2007-12	22439	2007
V	280	5.4	14.4	32.6	333	Y	370	8,408	0.8600	44.460	2	2016-12	22347	2007
D		7.5	10.0	29.0		Y	372			44.760	1	2013-12	21002	2006
D		11.0	11.0	24.9	331	Y		8,903	0.8600	43.370	1	2015-12	07428	1990
D		6.0	8.8	46.1	330	Y	423	8,476	0.8500	43.855	2	2014-12	14535	2002
V	281	0.7	11.6	24.3	331	Y	498	8,285	0.8760	41.760	1	2007-12	22376	2007
V	690	0.4	15.6	25.5	330	Y	471	8,995	0.8640	40.730	2	2007-12	22439	2007
V	2,581	0.9	15.0	14.8	318	Y	501	8,383	0.8480	42.549	7	2007-12	08336	1994
D	280		19.0	11.6	332	Y	484	8,149	0.8740	42.620	2	2012-12	20329	2006
V	281	3.7	17.6	32.0	334	Y	521	10,138	0.8480	44.330	1		07251	1990
M	0	1.5	16.4	22.9	329	Y	509	10,059	0.8450	43.200	3	2012-12	07997	1993
V	281	2.7	18.7	13.7	329	Y	501	9,934	0.8430	42.170	1		08392	1994
V	280	2.6	19.4	24.9	331	Y	505	8,426	0.8710	43.030	1	2012-12	08336	1994
V	70	2.0			321	Y	511			45.850	1		08640	1994
D	65	2.0			321	Y	511			56.970	1		08660	1994
V	281	2.9	15.9	17.2	332	Y	510	8,716	0.8710		2		08846	1994
1300 BIVOUCAC														
V	1,363	3.8	15.3	38.9	294	Y	38	5,812	0.8700	39.363	2	2002-12	03137	1972
V	579	5.0	16.0	35.0	308	Y	41	5,340	0.9060	38.170	2	2014-12	09517	1997
V	272	6.0	15.7	41.0	304	Y	58	5,846	0.8900	38.490	1	2002-12	11138	1998
D	272	4.9	15.0	35.0	305	Y	35	5,653	0.8980	37.980	1	2004-12	11029	1998
D					303	Y	27	4,037	0.9160		3	2010-12	20128	2007
V	544	1.8	14.3	58.4	309	Y	212	6,964	0.8890	38.701	2	2002-12	06169	1985
D	12,400	0.0	4.8	31.8	336	Y	770	10,527	0.8750	41.423	66	2012-12	13851	2001
V	270	26.0	6.0	25.0	346	Y	1,339	16,480	0.8680	44.330	1	2013-12	28527	2013

Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
1350 BLACK CREEK										
BLUESKY - B	709	90.0	638	12	517	121	0.800	510	413	97
BLUESKY - E	37	90.0	33	0	27	6	0.735	24	20	4
GETHING - A	27	80.0	22	1	20	2	0.742	16	14	2
GETHING - B	17	90.0	15	0	11	4	0.819	12	9	3
GETHING - C	11	90.0	10	0	7	3	0.806	8	6	2
BALDONNEL - A	265	80.0	212	6	194	18	0.736	156	143	13
BALDONNEL - A - NUVISTA PROJECT										
SOLN	10	30.0	3	1			0.738	2		
CAP	880	80.0	704	10	544	163	0.738	520	402	120
TOTAL GAS	890		707	11	544	163		522	402	120
BALDONNEL - B	333	80.0	266	4	155	111	0.732	195	113	82
BALDONNEL - C	127	80.0	102	1	50	52	0.745	76	37	39
YELLOW MARKER - A	72	50.0	36	2	28	8	0.744	27	21	6
YELLOW MARKER - B	11	50.0	6	0	2	4	0.754	4	2	2
A MARKER/BASE OF LIME - A	13	80.0	10	0	9	1	0.758	8	7	1
A MARKER/BASE OF LIME - B	5	55.0	3	0	2	1	0.748	2	2	0
A MARKER/BASE OF LIME - C	10	50.0	5	0	2	3	0.751	4	2	2
A MARKER/BASE OF LIME - D	21	70.0	15	0	2	13	0.776	11	2	9
A MARKER/BASE OF LIME - E	11	10.0	1	0	0	1	0.757	1	0	1
TOTAL FIELD	2,559		2,081	37	1,570	511		1,576	1,193	383
1360 BLAIR										
FT ST JOHN - A	12	50.0	6	0	1	5	0.912	6	1	5
BLUESKY - A	60	90.0	54	1	53	1	0.925	50	49	1
GETHING - A	120	85.0	102	0	39	63	0.872	89	34	55
GETHING - B	108	90.0	98	0	36	62	0.882	86	32	54
DUNLEVY - A	126	1.0	1	0	0	1	0.901	1	0	1
TOTAL FIELD	426		261	1	129	132		232	116	116

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
1350 BLACK CREEK														
V	0	2.0	15.1	26.3	332	Y	312	6,097	0.9130	46.555	18	2010-12	09740	1996
V	834	0.9	14.5	34.5	333	Y	306	5,463	0.9070	49.044	2	2007-12	22237	2007
V	279	1.7	14.4	32.0	336	Y	346	6,207	0.8960	47.160	1	2007-12	20482	2006
D	667	0.0	11.6	30.2	338	Y	397	7,082	0.8970	42.420	2	2012-12	18730	2005
D		7.0	10.7	35.2	338	Y	412	8,602	0.8650	45.120	2	2014-12	26098	2010
V	1,390	4.1	12.1	31.9	336	Y	257	6,050	0.9090	46.793	8	2008-12	09746	1996
												2017-12	09746	1996
D		4.1	12.1	31.9	336	Y	324	6,050	0.9090	47.666	15	2017-12	09746	1996
V	1,194	3.9	14.8	20.7	337	Y	351	6,398	0.8870	48.125	5	2011-12	10112	1996
D	321	0.0	11.3	26.2	334	Y	353	5,903	0.8980	49.580	1	2010-12	20497	2006
V	1,870	1.2	9.7	39.0	333	Y	341	5,712	0.8950	44.593	4	2009-12	09740	1996
V	278	0.8	12.0	18.0	334	Y	347	5,565	0.9120	45.100	1	2010-12	24906	2009
D	554		12.2	37.3	332	Y	360	5,306	0.9120	43.310	1	2014-12	20513	2007
D	278		12.3	28.0	336	Y	405	5,840	0.9120	41.090	1	2017-12	23368	2008
V	278	1.1	10.5	37.0	334	Y	381	5,482	0.9090	44.460	1	2010-12	24906	2009
V	277	1.8	12.4	28.5	332	Y	339	5,103	0.9260	41.400	1	2010-12	23397	2008
V	278	1.4	9.0	41.3	334	Y	380	5,562	0.9140	43.170	1	2015-12	22505	2007
1360 BLAIR														
D			10.8	50.0		Y				10.780	2	2012-12	17630	2004
D		6.2	15.5	25.9	330	Y	448	11,480	0.8410	43.259	3	2014-12	08477	2005
V	566	2.4	9.6	23.9	331	Y	453	11,696	0.8300		2	2006-12	17629	2004
V	566	2.0	10.1	20.6	333	Y	451	11,808	0.8440		2	2006-12	17630	2004
V	283	7.1	9.3	36.0	334	Y	498	10,736	0.8680	40.970	1	2007-12	19293	2005

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Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
1400 BLUEBERRY										
BLUESKY - A	52	80.0	42	0	3	39	0.876	37	3	34
DUNLEVY - A	1,484	75.0	1,113	0	527	586	0.871	970	459	511
DUNLEVY - A - SUNCOR PROJECT	2,969	80.0	2,375	0	1,516	859	0.871	2,069	1,320	749
DUNLEVY - A - DOMINION PROJECT	119	90.0	107	0	61	46	0.862	92	52	40
DUNLEVY - A - SUNCOR PROJECT #2	335	90.0	302	0	158	144	0.872	263	138	125
DUNLEVY - B	113	85.0	96	0	86	10	0.871	83	75	8
DUNLEVY - B - SUNCOR PROJECT	2,229	85.0	1,895	8	1,831	64	0.863	1,635	1,580	55
DUNLEVY - B - PROGRESS PROJECT	97	85.0	83	3	66	17	0.881	73	58	15
BALDONNEL - A	177	15.2	27	0	27	0	0.860	23	23	0
BALDONNEL - B	1,203	15.0	180	0	170	10	0.889	160	151	9
BALDONNEL - B - PROGRESS PROJECT	29	78.2	23	0	23	0	0.855	20	20	0
BLUEBERRY - B	183	1.5	3	0	3	0	0.763	2	2	0
DOIG - A - SUNCOR PROJECT	SOLN	19	50.0	9	0	2	0.758	7	1	6
DEBOLT - A - SUNCOR PROJECT	SOLN	886	60.0	532	0		0.862	459		
	CAP	275	90.0	248	0	651	0.862	214	562	111
TOTAL GAS	1,161		780	0	651	129		673	562	111
DEBOLT - B - SUNCOR PROJECT	SOLN	340	50.0	170	0		0.873	148		
	CAP	1,258	90.0	1,132	11	1,045	0.873	988	913	223
TOTAL GAS	1,598		1,302	11	1,045	257		1,136	913	223
DEBOLT - C	386	80.0	309	0	129	180	0.887	274	114	160
DEBOLT - E	SOLN	25	50.0	12	0	5	0.910	11	4	7
DEBOLT - E - SUNCOR PROJECT	SOLN	138	50.0	69	0		0.879	60		
	CAP	162	70.0	114	0	174	0.879	100	153	7
TOTAL GAS	300		183	0	174	9		160	153	7
DEBOLT - F	682	80.0	546	2	541	5	0.890	486	482	4
DEBOLT - G	424	40.0	169	0	164	5	0.882	149	144	5
DEBOLT - H	496	90.0	446	2	272	174	0.886	395	241	154
DEBOLT - I	163	90.0	147	2	77	70	0.893	131	69	62
TOTAL FIELD	14,244		10,149	28	7,531	2,618		8,849	6,564	2,285

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
1400 BLUEBERRY														
V	264	2.4	13.1	38.0	319	Y	265	9,524	0.8360	42.520	1		03808	1976
M	0	11.8	7.8	29.5	325	Y	366	9,356	0.8370	43.878	4	2015-12	00279	1957
M	0	0.0	7.8	29.5	325	Y	405	9,356	0.8370	43.497	20		00279	1957
V	264	7.7	10.0	40.4	325	Y	389	9,356	0.8370	43.400	1	2004-12	00279	1957
V	528	11.8	7.8	29.5	325	Y	385	9,356	0.8370	43.128	2	2005-12	00279	1957
D	0	0.0	0.0	0.0	325	Y	366	9,494	0.8630	41.340	2		00070	1953
M	0	0.0	10.1	24.6	328	Y	366	11,168	0.8550	41.789	16	2010-12	00070	1953
V	283	3.9	11.1	17.6	325	Y	354	9,494	0.8630	40.925	3	2003-12	00070	1953
X	0	0.0	10.0	35.0	334	Y	475	11,907	0.8440		1	2014-12	00357	1958
M	0	4.9	10.0	37.0	334	Y	475	11,204	0.8490	17.280	2	2012-12	00064	1953
X	283	0.0	10.0	37.0	334	Y	475	11,204	0.8560	41.775	2	2014-12	00064	1953
V	259	6.4	9.0	25.0	342	Y	655	14,389	0.7320		0		00601	1960
V	71	4.0			336	Y	871			52.340	1	2006-12	13934	2001
V	361	4.9	10.0	18.4	348	Y	1,253	19,181	0.8220	47.203	21		00242	1957
D		5.8	10.0	15.9	348	Y	1,241	19,085	0.8220	43.660	8	2016-12	00175	1956
V	284	12.6	6.8	15.7	347	Y	1,281	20,631	0.8990	39.730	1		09492	1995
V	71	3.8			348	Y	1,248			44.160	1	2015-12	00175	1956
V	367	3.8	8.1	20.3	349	Y	1,222	19,086	0.8630	41.101	5	2016-12	00205	1957
D	849		9.1	21.7	348	Y	1,218	17,250	0.8650	41.773	3	2016-12	17707	2004
D	283		11.3	25.0	337	Y	1,233	14,576	0.8400	42.930	1	2016-12	24048	2008
D	849		5.9	34.8	353	Y	1,224	17,029	0.8750	42.030	4	2010-12	24048	2008
V	284	4.2	13.0	31.0	351	Y	1,249	16,835	0.8940	39.950	2	2010-12	25712	2009

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Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
1600 BLUEBERRY EAST										
BALDONNEL - A	630	11.6	73	0	71	2	0.836	61	59	2
HALFWAY - A	487	90.0	438	4	77	361	0.725	317	56	261
DEBOLT - A	17	44.9	8	0	8	0	0.884	7	7	0
TOTAL FIELD	1,134		519	4	156	363		385	122	263
1800 BLUEBERRY WEST										
DUNLEVY - A	2,669	15.0	400	6	272	128	0.874	350	238	112
BALDONNEL - A	892	50.0	446	0	243	203	0.873	389	213	176
HALFWAY - A	308	90.0	277	5	247	30	0.854	236	211	25
HALFWAY - B	81	85.0	69	0	9	60	0.872	60	8	52
HALFWAY - C	578	90.0	520	8	181	339	0.863	449	156	293
DEBOLT - A	556	50.0	278	0	42	236	0.891	248	38	210
TOTAL FIELD	5,084		1,990	19	994	996		1,732	864	868
1880 BOUDREAU										
BALDONNEL - A	505	58.5	296	0	295	1	0.863	255	255	0
BELLOY - B	SOLN 27	10.0	3	0	2	1	0.853	2	2	0
BELLOY - C	SOLN 31	32.0	10	0	9	1	0.869	9	8	1
TOTAL FIELD	563		309	0	306	3		266	265	1
1900 BOUGIE										
DEBOLT - C	522	9.0	47	0	41	6	0.875	41	36	5
DEBOLT - E	69	45.0	31	0	30	1	0.872	27	26	1
SLAVE POINT - A	152	25.0	38	0	0	38	0.705	27	0	27
SLAVE POINT - B	481	80.0	385	0	194	191	0.712	274	138	136
TOTAL FIELD	1,224		501	0	265	236		369	200	169
1950 BOULDER										
PARDONET-BALDONNEL - A	4,413	80.0	3,530	12	2,893	637	0.816	2,880	2,360	520
PARDONET-BALDONNEL - B	3,992	80.0	3,194	11	2,403	791	0.819	2,615	1,968	647
BALDONNEL - A	571	90.0	514	0	0	514	0.812	417	0	417
BELCOURT-TAYLOR FLAT - A	182	60.0	109	1	91	18	0.868	95	79	16
TOTAL FIELD	9,158		7,347	24	5,387	1,960		6,007	4,407	1,600

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
1600 BLUEBERRY EAST														
M	0	0.0	10.0	25.0	334	Y	549	13,114	0.8400		1	2009-12	00103	1958
V	562	8.0	10.6	28.7	338	Y	836	13,625	0.8000		1	2012-12	00103	1958
M	0	0.0	12.0	31.0	350	Y	1,227	18,574	0.8850		0		00331	1958
1800 BLUEBERRY WEST														
V	3,721	8.5	11.6	33.1	325	Y	387	10,627	0.8550	41.680	18	2009-12	00165	1956
V	1,391	7.4	8.9	25.0	329	Y	482	12,597	0.8390	42.745	8	2010-12	00241	1957
D	802		10.4	9.8	333	Y	820	15,328	0.8240	41.740	3	2010-12	12092	2002
V	355	3.8	5.5	28.7	330	Y	853	14,777	0.8300	42.300	1	2006-12	15128	2002
V	568	12.2	8.3	17.1	334	Y	845	12,147	0.8530	41.728	2	2009-12	15024	2002
V	259	12.6	11.9	16.5	348	Y	1,240	18,270	0.8710	41.770	1	2010-12	06569	1986
1880 BOUDREAU														
D		2.5	13.0	42.9	323	Y	489	11,613	0.8240	42.660	11	2017-12	00243	2004
V	65	10.7			341	Y	1,254			42.030	1	2017-12	11308	1998
D		4.9			341	Y	1,261			41.690	2	2017-12	11410	1998
1900 BOUGIE														
V	860	7.9	8.7	26.6	336	Y	545	12,408	0.8730	39.360	3	2010-12	05631	1982
V	575	2.3	6.2	32.4	340	Y	622	12,600	0.8510		2	2010-12	05462	1981
V	276	6.0	6.6	33.9	393	N	2,044	29,075	1.0020		0	2010-12	04514	1978
V	187	15.0	10.0	20.0	398	Y	2,012	29,420	0.9810	37.060	1	2012-12	22935	2007
1950 BOULDER														
D	0	27.4	6.2	7.5	344	Y	951	25,126	0.8970	34.130	1	2001-12	06683	1988
D	0	26.2	5.9	10.0	329	Y	950	25,595	0.8170	37.660	1	2007-12	08577	1994
V	294	15.6	5.8	12.8	340	N	1,477	26,828	0.9110	37.790	0	2011-12	06896	1989
D		14.8	3.0	15.0	378	Y	3,516	53,497	1.2140	34.880	1	2017-12	17682	2005

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Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
2000 BOUNDARY LAKE										
BLUESKY - A	85	30.0	26	0	23	3	0.657	17	15	2
BLUESKY - B	19	50.0	10	0	9	1	0.638	6	6	0
BLUESKY - C	186	50.0	93	0	12	81	0.747	69	9	60
BLUESKY - E	52	80.0	42	0	20	22	0.655	27	13	14
BLUESKY - G	86	90.0	78	2	70	8	0.861	67	60	7
GETHING - A	468	78.0	365	1	357	8	0.859	314	306	8
GETHING - B	48	85.0	40	0	40	0	0.840	34	34	0
GETHING - C	76	80.0	61	0	31	30	0.869	53	27	26
GETHING - E	97	90.0	88	0	47	41	0.860	75	40	35
GETHING - H	91	90.0	82	1	56	26	0.860	71	48	23
GETHING - I	316	90.0	284	4	57	227	0.845	240	48	192
GETHING - J	11	70.0	8	0	7	1	0.748	6	5	1
GETHING - K	72	70.0	51	0	0	51	0.859	43	0	43
CADOMIN - A	11	70.0	8	0	7	1	0.972	7	6	1
DUNLEVY - A	135	20.6	28	0	28	0	0.974	27	27	0
DUNLEVY - B	7	14.4	1	0	1	0	0.645	1	1	0
BALDONNEL - A	170	75.0	127	0	123	4	0.589	75	72	3
BALDONNEL - B	1,226	85.0	1,042	11	989	53	0.803	836	794	42
BALDONNEL - C	167	90.0	150	2	89	61	0.812	122	72	50
BALDONNEL - E	203	80.0	163	2	119	44	0.747	122	89	33
BALDONNEL - F	18	90.0	16	0	8	8	0.812	13	6	7
CECIL - C	22	50.0	11	0	1	10	0.748	8	0	8
CECIL - F - TWIN BUTTE PROJECT	SOLN	4	50.0	2	0		0.877	2		
	CAP	21	50.0	10	0	8	0.877	9	7	4
TOTAL GAS	25		12	0	8	4		11	7	4
CECIL - G	42	85.0	36	0	22	14	0.880	32	19	13
BOUNDARY LAKE - A	SOLN	325	30.0	97	1	71	0.864	84	61	23
BOUNDARY LAKE - A - ESSO UNIT #1	SOLN	4,105	68.0	2,791	18	2,595	0.864	2,412	2,242	170
BOUNDARY LAKE - A - ESSO UNIT #2	SOLN	2,287	70.0	1,601	5	1,534	0.871	1,394	1,336	58
BOUNDARY LAKE - A - PRIMEWEST PROJECT #1	SOLN	624	54.0	337	1	317	0.778	262	246	16
BOUNDARY LAKE - A - PRIMEWEST PROJECT #2	SOLN	146	80.0	116	0	110	0.874	102	97	5
BOUNDARY LAKE - A - NCE PROJECT	SOLN	175	16.0	28	0	26	0.901	25	23	2
BOUNDARY LAKE - B		133	80.0	106	0	7	0.878	93	6	87
BASAL BOUNDARY - A		101	71.2	72	0	72	0.972	70	70	0

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
2000 BOUNDARY LAKE														
M	0	0.0	18.0	28.0	316	Y	334	8,894	0.8530		1	2009-12	00270	1957
M	0	5.8	13.0	39.0	316	Y	347	7,963	0.8650		1	2006-12	01125	1962
V	264	5.5	18.9	23.9	336	Y	329	9,235	0.8780	40.900	2	2010-12	04581	1978
V	264	2.3	17.6	47.3	315	Y	340	8,809	0.8540	40.400	1	2010-12	01137	1962
V	259	3.5	18.4	20.1	318	Y	338	6,429	0.8890	40.680	3	2015-12	10627	1997
D	1,036		16.6	25.9	319	Y	375	9,533	0.8510	41.810	3	2017-12	00352	1958
D		4.1	15.0	44.0	318	Y	402	9,926	0.8380	44.040	1	2017-12	00655	1960
V	264	2.3	16.1	25.0	322	Y	377	9,903	0.8460	41.080	1		08831	1994
V	32	20.4	17.0	16.0	317	Y	371	9,850	0.8460	41.030	1	2009-12	00270	1957
V		3.3	13.9	35.5	317	Y	384	7,837	0.8690	42.740	1	2015-12	17774	2004
V	259	8.1	17.0	16.0	317	Y	398	10,074	0.8580	39.920	1	2009-12	08851	1994
D	259		24.2	34.4	320	Y	357	8,625	0.8680	40.620	1	2012-12	23883	2008
V	259	5.3	14.7	59.5	320	Y	364	8,625	0.8680		1	2012-12	23783	2008
D	0	12.3	18.7	54.3	320	Y	400	10,164	0.8610	40.830	1	2011-12	23783	2008
X	334	3.9	17.2	43.3	319	Y	409	10,122	0.8480		2	2012-12	00799	1961
X	0	5.1	17.8	36.7	319	Y	409	10,244	0.8510		0	2009-12	00270	1957
M	0	8.8	14.0	34.0	320	Y	451	9,535	0.8270	40.570	1	2009-12	01137	1962
D	0		11.4	30.1	320	Y	439	10,046	0.8360	43.124	9	2012-12	00270	1957
M		10.4	13.6	45.9	320	Y	450	10,046	0.8190		1	2014-12	03991	1977
D	0	2.8	20.7	39.2	330	Y	408	9,372	0.8690	43.790	2	2013-12	15888	2003
D		9.6	13.6	45.8	319	Y	472	10,255	0.8880	42.280	1	2014-12	21070	2006
V	259	1.6	14.7	21.0	331	Y	459	4,972	0.9180	42.710	1	2012-12	07694	1991
												2017-12	21839	2006
D		1.2	15.0	35.0	321	Y	524	11,765	0.8310	43.010	1	2017-12	21839	2006
D	259		15.0	35.0	321	Y	524	11,765	0.8310	41.410	1	2010-12	21070	2006
D	2,210	1.6			321	Y	518			45.086	26	2017-12	00101	1955
D		2.9			321	Y	518			54.859	223	2017-12	00101	1955
D	5,983				321	Y	518				152	2017-12	00101	1955
D	1,296				321	Y	553			51.457	54	2017-12	00101	1955
D	0	2.9			321	Y	518			49.584	9	2017-12	00101	1955
V	453	3.0			321	Y	547				8	2017-12	00101	1955
V	264	1.8	22.5	10.4	320	Y	538	12,795	0.8190		1	2003-12	03625	1975
X	259	1.6	20.0	6.0	321	Y	536	11,825	0.8090		1	2014-12	01964	1966

Field / Pool / Project		1	2	3	4	5	6	7	8	9	10
		Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
2000 BOUNDARY LAKE											
COPLIN - A		192	90.0	173	1	167	6	0.747	129	125	4
COPLIN - C		130	90.0	117	1	102	15	0.748	87	76	11
A MARKER/BASE OF LIME - A		35	70.0	25	0	1	24	0.855	21	1	20
HALFWAY - B		649	90.0	584	4	532	52	0.735	430	391	39
HALFWAY - I		76	90.0	68	0	13	55	0.888	61	11	50
HALFWAY - K - KXL PROJECT #1	SOLN	114	70.0	80	5	46	34	0.733	59	33	26
HALFWAY - M - KXL PROJECT #1	SOLN	65	90.0	59	2	42	17	0.923	54	39	15
HALFWAY	SOLN	142	70.0	99	1			0.853	85		
	CAP	109	80.0	87	2	167	19	0.853	74	143	16
TOTAL GAS		251		186	3	167	19		159	143	16
HALFWAY - PETRO-CANADA PROJECT	SOLN	102	50.0	51	0			0.863	44		
	CAP	313	90.0	282	2	298	35	0.863	243	257	30
TOTAL GAS		415		333	2	298	35		287	257	30
HALFWAY - KAISER PROJECT	SOLN	17	50.0	8	0			0.592	5		
	CAP	50	70.0	35	0	41	2	0.592	21	24	2
TOTAL GAS		67		43	0	41	2		26	24	2
HALFWAY - IMPERIAL PROJECT	SOLN	105	80.0	84	5			0.647	54		
	CAP	125	80.0	100	0	163	21	0.647	65	106	13
TOTAL GAS		230		184	5	163	21		119	106	13
HALFWAY - PETRO-CANADA PROJECT	SOLN	22	80.0	18	1	14	4	0.850	15	12	3
HALFWAY - PETRO-CANADA PROJECT	SOLN	15	30.0	5	0			0.863	4		
	CAP	62	60.0	37	0	41	1	0.863	32	35	1
TOTAL GAS		77		42	0	41	1		36	35	1
LOWER HALFWAY - A - PETRO-CANADA PROJECT	SOLN	3	60.0	2	0	1	1	0.857	2	1	1
LOWER HALFWAY - B - PETRO-CANADA PROJECT	SOLN	24	50.0	12	0	7	5	0.827	10	6	4
LOWER HALFWAY - C		42	80.0	33	0	0	33	0.623	21	0	21
MONTNEY - A		46	90.0	41	2	15	26	0.848	35	13	22
BELLOY - A		172	90.0	155	4	132	23	0.874	135	115	20
BELLOY - B		1,901	90.0	1,711	8	1,222	489	0.868	1,485	1,060	425
BELLOY - C		32	25.0	8	0	0	8	0.875	7	0	7

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
2000 BOUNDARY LAKE														
D	0	1.0	11.5	14.4	327	Y	503	10,257	0.8340	47.500	4	2014-12	04279	1979
D		1.2	13.6	15.6	336	Y	498	10,246	0.8620	43.100	2	2013-12	04581	1978
V	259	1.8	16.5	51.4	326	Y	556	9,382	0.8660		1	2012-12	23883	2008
D		3.5	12.5	19.1	330	Y	561	10,828	0.8560	43.909	5	2013-12	01501	1964
V	259	4.8	10.5	44.5	334	Y	562	10,479	0.8520		1	2012-12	07694	1991
D		3.8			328	Y	594			43.165	4	2017-12	14854	2002
D		3.1			328	Y	588			42.183	6	2017-12	19281	2005
												2017-12	00667	1960
V	396	1.5	17.5	15.0	325	Y	633	11,822	0.8390	41.119	13	2017-12	00667	1960
												2006-12	00667	1960
M	0	3.7	14.8	25.4	325	Y	632	11,822	0.8670		4	2006-12	00667	1960
												2017-12	00667	1960
D		1.4	19.6	20.0	325	Y	631	11,822	0.8260	47.370	1	2017-12	00667	1960
												2017-12	00687	1961
V	264	2.4	18.0	11.1	325	Y	633	11,822	0.8390	40.910	4	2017-12	00687	1960
V	66	4.6			325	Y	634			49.820	1	2017-12	00667	1960
												2016-12	00667	1960
V	264	3.2	9.8	35.4	325	Y	628	11,822	0.8890	31.140	4	2016-12	00667	1960
D		1.7			325	Y	645			43.070	1	2016-12	15094	2002
V	66	8.7			325	Y	642			46.590	1	2004-12	15098	2002
V	264	2.1	9.1	33.4	322	Y	639	11,637	0.8280	42.320	0	2005-12	10627	1997
V		4.4	3.0	25.0	328	Y	693	11,865	0.8060	43.060	1	2016-12	24760	2008
D	259		13.9	15.5	325	Y	984	16,376	0.8310	41.600	1	2009-12	08145	1993
D	0	4.7	19.1	26.9	344	Y	1,064	17,569	0.8430	41.540	3	2012-12	06731	1987
V	259	0.7	15.1	31.0	342	N	1,116	17,450	0.8470	41.980		2002-12	06797	1988

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Field / Pool / Project	1 Original Gas In Place 10E6 m3	2 Recovery Factor %	3 Initial Reserves (Raw) 10E6 m3	4 Annual Prod (Raw) 10E6 m3	5 Cumul Prod (Raw) 10E6 m3	6 Remaining Reserves (Raw) 10E6 m3	7 Shrink Factor	8 Initial Reserves (Mktble) 10E6 m3	9 Cumul. Prod (Mktble) 10E6 m3	10 Remain'g Reserves (Mktble) 10E6 m3	
2000 BOUNDARY LAKE											
BELLOY - D	131	90.0	118	2	79	39	0.873	103	69	34	
BELLOY - E	194	90.0	175	0	175	0	0.883	154	154	0	
BELLOY - G	1,134	90.0	1,021	0	1,011	10	0.864	882	873	9	
BELLOY - H	554	90.0	499	3	471	28	0.876	437	412	25	
BELLOY - I	1,863	90.0	1,677	7	1,457	220	0.896	1,502	1,305	197	
BELLOY - J	5,441	85.0	4,625	20	3,773	852	0.871	4,030	3,288	742	
BELLOY - K	1,509	90.0	1,358	9	1,332	26	0.866	1,176	1,153	23	
BELLOY - L - CNRL PROJECT	85	90.0	76	0	0	76	0.894	68	0	68	
BELLOY - N	273	50.0	136	0	1	135	0.877	120	0	120	
BELLOY - O	360	90.0	324	0	4	320	0.877	284	4	280	
TAYLOR FLAT - A - NEWPORT PROJECT	SOLN	45	50.0	23	0	17	6	0.908	21	15	6
LOWER KISKATINAW - A	74	80.0	60	0	17	43	0.905	54	16	38	
LOWER KISKATINAW - B	1,319	40.0	527	0	223	304	0.905	477	202	275	
LOWER KISKATINAW - C	324	90.0	292	11	262	30	0.908	265	238	27	
BASAL KISKATINAW - J	67	60.0	40	0	40	0	0.824	33	33	0	
BASAL KISKATINAW - N	725	85.0	616	0	63	553	0.907	559	57	502	
BASAL KISKATINAW - AMERADA PROJECT	892	90.0	803	8	755	48	0.825	662	623	39	
TOTAL FIELD	31,062		24,214	146	19,540	4,674		20,723	16,675	4,048	

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
2000 BOUNDARY LAKE														
D	0		12.6	35.6	337	Y	1,109	13,840	0.8630	40.530	1	2013-12	07972	2004
D		4.2	21.5	26.5	346	Y	1,073	17,427	0.8620	41.050	1	2015-12	06948	1988
D	0	3.9	23.1	23.0	348	Y	1,068	17,429	0.8430	42.370	1	2007-12	06900	1988
D	0	4.5	17.6	41.4	345	Y	1,042	17,473	0.8590	41.080	1	2012-12	06981	1989
D	0	9.9	18.5	24.3	340	Y	1,090	17,461	0.8430	41.605	2	2013-12	06957	1989
D	0	0.0	0.0	0.0	340	Y	1,075	17,467	0.8430	42.135	6	2013-12	06994	1989
M	0	3.2	19.4	29.6	340	Y	1,055	17,394	0.8470	43.116	2	2007-12	07049	1989
D	0	1.0	12.9	41.6	332	Y	1,111	17,313	0.8620	39.180	2	2017-12	09516	1995
V	264	6.4	12.9	38.9	327	Y	983	15,545	0.6600	41.340	1	2003-12	10627	1997
V	259	6.9	13.8	15.2	340	Y	340	17,394	0.8450	41.110	1		12219	1999
D	66				331	Y	978			40.200	1	2015-12	10376	1997
V	260	2.3	10.4	27.2	340	Y	1,284	17,225	0.8760	39.060	1		09929	1996
D	0	3.4	10.0	49.4	339	Y	1,267	17,100	0.8690	39.550	1	2004-12	09929	1996
M	518	0.0	13.0	20.0	340	Y	1,152	16,304	0.8740	39.920	1	2010-12	22957	2007
D		2.7	13.4	18.4	343	Y	1,410	18,640	0.8900		1	2017-12	07742	1991
V	292	12.7	15.1	20.9	340	Y	1,202	16,618	0.8490	42.020	1	2010-12	09297	1995
D	0	9.1	9.5	25.4	356	Y	1,448	19,106	0.9010	39.653	5	2002-12	06731	1987

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Field / Pool / Project	1	2	3	4	5	6	7	8	9	10	
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3	
2020 BOUNDARY LAKE NORTH											
DUNVEGAN - A	4	70.0	3	0	2	1	0.921	2	2	0	
DUNVEGAN - B	14	90.0	13	0	8	5	0.920	12	7	5	
GETHING - A	22	50.0	11	0	0	11	0.868	9	0	9	
GETHING - C	103	80.0	83	0	1	82	0.879	73	1	72	
GETHING - D	90	10.0	9	0	6	3	0.879	8	5	3	
GETHING - E	41	80.0	32	0	0	32	0.879	29	0	29	
GETHING - F	28	80.0	22	0	7	15	0.855	19	6	13	
GETHING - G	18	70.0	12	0	11	1	0.879	11	10	1	
BALDONNEL - B	133	90.0	120	0	0	120	0.869	104	0	104	
BALDONNEL - D	29	80.0	23	0	18	5	0.891	21	16	5	
BALDONNEL - E	38	90.0	34	0	21	13	0.863	30	18	12	
CECIL - A	3	50.0	2	0	2	0	0.869	2	1	1	
NANCY - A	25	80.0	20	0	8	12	0.869	18	7	11	
NANCY - B	11	50.0	6	0	4	2	0.857	5	3	2	
NANCY - C	39	80.0	32	0	0	32	0.865	27	0	27	
BOUNDARY LAKE - A	64	90.0	57	0	25	32	0.811	46	20	26	
BOUNDARY LAKE - B	38	90.0	34	0	20	14	0.870	30	17	13	
BOUNDARY LAKE - C	64	80.0	51	1	41	10	0.874	45	36	9	
BOUNDARY LAKE - D	20	80.0	16	0	13	3	0.833	13	11	2	
BOUNDARY LAKE - E	329	85.0	279	10	98	181	0.854	238	84	154	
BOUNDARY LAKE - F	20	70.0	14	0	11	3	0.833	12	9	3	
BOUNDARY LAKE - G	79	70.0	55	3	34	21	0.868	48	29	19	
COPLIN - A	60	80.0	48	0	25	23	0.811	39	20	19	
COPLIN - B	704	70.0	493	5	437	56	0.747	368	327	41	
COPLIN - J	SOLN	13	30.0	4	0	3	1	0.897	3	3	0
HALFWAY - B	SOLN	10	50.0	5	0		0.846	4			
	CAP	692	90.0	622	1	599	28	0.846	527	507	24
TOTAL GAS	702		627	1	599	28		531	507	24	
HALFWAY - D - VENTURION PROJ	SOLN	296	50.0	148	3		0.628	93			
	CAP	137	50.0	69	0	154	63	0.628	43	97	39
TOTAL GAS	433		217	3	154	63		136	97	39	
HALFWAY - E	189	90.0	170	0	93	77	0.881	150	82	68	
HALFWAY - G	59	90.0	53	1	43	10	0.864	46	37	9	

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
2020 BOUNDARY LAKE NORTH														
D	259	0.0	25.7	39.6	293	Y	438	2,473	0.9550	34.470	1	2010-12	16098	2006
D		6.2	26.6	39.7	293	Y	441	2,397	0.9510	38.390	1	2014-12	21492	2007
V	259	1.5	13.0	52.6	330	N	343	9,111	0.8650			2012-12	05491	1980
V	264	2.3	21.6	12.9	324	Y	327	9,008	0.8740	39.620	1		10692	1997
V	264	3.1	17.6	31.0	332	Y	331	9,263	0.8780	41.010	2	2014-12	16272	2003
V	264	1.7	15.4	31.6	324	N	323	8,534	0.8730			2004-12	15889	2003
V	264	1.2	13.6	20.0	331	Y	307	8,373	0.8830	41.040	1	2007-12	17462	2006
D		4.2	18.3	31.2	327	Y	347	9,308	0.8700		1	2015-12	23047	2007
V	264	5.9	16.2	39.6	333	Y	350	9,000	0.8800		1	2014-12	15889	2003
D		4.4	17.6	21.8	327	Y	375	9,093	0.8630	42.120	2	2014-12	16036	2004
D		5.5	16.0	34.0	324	Y	400	11,480	0.6150	45.320	1	2014-12	01200	1962
V	264	1.8	8.6	45.3	327	Y	415	1,732	0.9690	43.170	1	2015-12	16151	2004
V	264	0.9	13.8	18.0	330	Y	418	9,325	0.8500	43.360	1	2005-12	10116	2004
D		0.8	14.5	28.9	332	Y	423	8,744	0.8600	44.130	1	2010-12	15782	2006
V	259	1.1	18.5	25.3	325	Y	446	9,595	0.8370		0	2012-12	24842	2009
D	0	0.3	9.1	43.5	324	Y	445	10,469	0.8250	43.542	3	2008-12	15889	2003
M	0	0.4	8.5	19.3	333	Y	445	10,277	0.8440	44.090	1	2006-12	16151	2004
D	0	0.9	11.4	69.4	325	Y	443	7,482	0.8650	44.090	2	2012-12	17486	2004
D		0.5	11.9	48.5	330	Y	436	8,691	0.8470		1	2013-12	14868	2006
D	264	0.0	17.3	23.8	326	Y	461	11,309	0.8230	44.370	2	2012-12	23047	2007
D	259		6.3	42.1	332	Y	445	9,000	0.8460		1	2010-12	15782	2006
D	518		6.6	27.8	330	Y	462	10,190	0.8330	44.800	2	2011-12	24653	2008
V	264	1.4	21.2	21.3	332	Y	501	9,835	0.8620	42.004	4	2003-12	01881	1966
M		0.6	10.3	29.4	330	Y	466	9,880	0.8620	42.445	32	2017-12	14992	2002
D		0.7			331	Y	483			42.020	3	2017-12	15115	2003
												2017-12	01529	1964
M	0	2.9	15.5	25.6	332	Y	554	10,714	0.8440	41.001	7	2017-12	01529	1964
												2017-12	03242	1973
V	264	4.6	17.9	39.3	336	Y		10,478	0.8520	40.617	5	2017-12		
V	528	4.6	13.6	47.4	332	Y	558	10,733	0.8440	42.780	2	2003-12	01881	1966
D	0	2.6	11.1	15.7	334	Y	515	10,473	0.8470	43.730	1	2010-12	05491	1980

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		1	2	3	4	5	6	7	8	9	10
Field / Pool / Project		Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
2020 BOUNDARY LAKE NORTH											
HALFWAY - H	SOLN	204	30.0	61	1			0.918	56		
	CAP	18	80.0	15	0	12	64	0.918	13	11	58
	TOTAL GAS	222		76	1	12	64		69	11	58
HALFWAY - I - VENTURION PROJ	SOLN	115	70.0	81	5			0.845	68		
	CAP	28	90.0	26	0	77	30	0.845	22	66	24
	TOTAL GAS	143		107	5	77	30		90	66	24
HALFWAY - K		307	90.0	276	1	185	91	0.879	243	163	80
HALFWAY - L		596	90.0	536	7	444	92	0.876	469	389	80
HALFWAY - M		43	90.0	39	0	37	2	0.876	34	33	1
HALFWAY - N		6	70.0	5	0	4	1	0.864	4	4	0
HALFWAY - O		32	90.0	28	0	27	1	0.904	26	24	2
HALFWAY - P		35	80.0	28	0	1	27	0.802	22	1	21
HALFWAY - R		138	90.0	124	0	27	97	0.877	109	24	85
HALFWAY - T	SOLN	44	50.0	22	2	4	18	0.918	20	4	16
DOIG - A - CNRL PROJECT	SOLN	89	50.0	44	1	38	6	0.758	34	29	5
DOIG - C	SOLN	17	70.0	12	1	6	6	0.848	10	5	5
DOIG - D	SOLN	30	40.0	12	0	11	1	0.860	10	10	0
DOIG - E	SOLN	1	50.0	1	0	0	1	0.802	0	0	0
DOIG PHOSPHATE BEDS - A		116	80.0	93	0	1	92	0.872	81	1	80
TOTAL FIELD		5,191		3,943	42	2,558	1,385		3,296	2,119	1,177

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
2020 BOUNDARY LAKE NORTH														
V	154	1.7	12.5	38.3	331	Y	538	10,208	0.9650		3	2017-12	07699	1991
V	65	3.9	13.1	17.7	336	Y	531	10,478	0.8540	49.273	17	2017-12	04023	1977
V	0	3.1	12.7	38.5	331	Y	527	10,360	0.8490	42.170	3	2007-12	09928	1996
V	1,584	4.1	11.5	20.4	333	Y	512	9,983	0.8510	42.624	6	2004-12	14868	2002
D	0	4.6	18.8	17.6	331	Y	515	10,482	0.8400	44.100	2	2012-12	15112	2002
D		0.0	8.8	3.0	333	Y	497	9,727	0.8410		1	2013-12	15778	2003
D		7.5	13.2	34.5	330	Y	215	10,126	0.8439	42.310	1	2015-12	15765	2003
V	264	2.8	7.7	46.2	333	Y	518	10,560	0.7930	49.380	1	2004-12	15113	2002
V	264	7.6	9.3	30.7	324	Y	499	10,091	0.8310	44.080	2	2005-12	17452	2004
D		4.0			330	Y	527				1	2017-12	31607	2015
D		3.1			334	Y	559			44.672	4	2017-12	01451	1964
D	97				334	Y	553			49.380	2	2017-12	15062	2002
D		2.5			332	Y	560			42.405	3	2017-12	15070	2002
V	66	1.1			333	Y	529			49.380	1	2004-12	15113	2002
V	259	2.2	12.3	19.2	335	Y	528	20,000	0.8260		1	2012-12	17434	2004

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Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
2100 BRASSEY										
CADOTTE - B	109	82.0	90	0	89	1	0.747	67	67	0
CADOTTE - D	10	50.0	5	0	5	0	0.748	4	4	0
BLUESKY - C	120	80.0	96	1	24	72	0.729	70	18	52
BASAL BLUESKY - A	10	90.0	9	0	8	1	0.743	7	6	1
GETHING - A	23	90.0	21	0	16	5	0.732	15	12	3
GETHING - B	21	90.0	19	0	15	4	0.689	13	10	3
GETHING - D	7	70.0	5	0	5	0	0.689	3	3	0
GETHING - E	40	10.0	4	0	2	2	0.701	3	1	2
GETHING - F	4	70.0	3	0	2	1	0.720	2	1	1
NIKANASSIN - A	42	50.0	21	0	1	20	0.660	14	1	13
ARTEX - B - CONOCOPHILLIPS PROJECT	SOLN	815	50.0	408	0		0.743	303		
	CAP	985	80.0	788	0	762	0.743	586	566	323
	TOTAL GAS	1,800		1,196	0	762		889	566	323
ARTEX - D - CONOCOPHILLIPS PROJECT	SOLN	204	50.0	102	0		0.739	75		
	CAP	568	80.0	455	0	219	0.739	336	161	250
	TOTAL GAS	772		557	0	219		411	161	250
DOIG - A - BURLINGTON PROJECT		490	80.0	392	0	116	0.732	287	85	202
TOTAL FIELD	3,448		2,418	1	1,264	1,154		1,785	935	850
2150 BRAZION										
PARDONET-BALDONNEL - A	2,322	62.3	1,446	0	1,444	2	0.784	1,134	1,132	2
PARDONET-BALDONNEL - B	2,958	70.0	2,070	0	1,949	121	0.785	1,625	1,530	95
BELCOURT-TAYLOR FLAT - A	5,664	90.0	5,097	156	4,380	717	0.802	4,087	3,511	576
BELCOURT-TAYLOR FLAT - B	3,990	90.0	3,591	36	2,210	1,381	0.768	2,757	1,697	1,060
TOTAL FIELD	14,934		12,204	192	9,983	2,221		9,603	7,870	1,733
2160 BRIAR RIDGE										
DOIG - A	86	25.0	21	0	0	21	0.676	15	0	15
KISKATINAW - A	313	25.0	78	0	3	75	0.703	55	2	53
TOTAL FIELD	399		99	0	3	96		70	2	68

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
2100 BRASSEY														
X	0	8.2	8.1	43.7	337	Y	430	9,130	0.8680		2	2002-12	07132	1989
D		3.0	7.2	24.0	327	Y	523	8,977	0.8610		1	2015-12	17740	2004
V	264	1.7	12.0	14.0	335	Y	959	26,124	0.8580	46.590	1	2007-12	21512	2006
M	0	8.0	9.5	18.7	345	Y	1,098	15,569	0.8790		1	2010-12	06888	1988
D		3.9	9.4	26.8	328	Y	771	15,623	0.8350	41.270	1	2016-12	13574	2001
D	259	0.0	11.3	20.0	342	Y	1,051	14,551	0.8670		1	2010-12	20636	2006
D	94		7.7	32.0	344	Y	1,033	15,715	0.8690		1	2011-12	21282	2006
V	259	5.8	6.9	68.3	338	Y	906	12,526	0.8620		1	2011-12	19990	2005
D	292		14.9	28.1	345	Y	1,013	18,912	0.8880	40.750	1	2011-12	17803	2004
V	32	7.0	13.8	14.9	343	Y	1,219	16,302	0.8400	38.930	2	2009-12	10949	1998
												2007-12	06736	1987
V	876	2.2	18.2	2.2	372	Y	1,997	39,445	1.0500	45.961	17	2007-12	06736	1987
												2012-12	06886	1988
V	584	2.6	16.5	3.9	372	Y	2,057	31,006	1.0040	46.700	6	2012-12	06886	1988
V	1,089	2.9	6.0	12.4	359	Y	2,018	39,934	1.0720	37.907	5	2005-12	06874	2004
2150 BRAZION														
D	588	37.4	4.6	8.0	353	Y	1,502	29,829	0.9630	37.696	3	2017-12	07696	1991
V	1,180	35.0	3.3	11.8	333	Y	1,153	25,930	0.9000	37.743	3	2006-12	08496	1994
M	0	33.6	3.2	12.2	382	Y	3,047	49,619	1.1570	34.299	2	2009-12	15035	2004
D	588		3.7	13.0	398	Y	3,435	50,650	1.1600	37.320	2	2009-12	18936	2006
2160 BRIAR RIDGE														
V	200	5.5	8.6	16.0	349	N	1,304	11,930	0.9000	41.920	1	2010-12	07741	1991
V	257	8.3	9.2	28.8	370	Y	1,884	28,388	0.9740		1		07617	1991

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	1	2	3	4	5	6	7	8	9	10
Field / Pool / Project	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
2200 BUBBLES										
BLUESKY - B	19	80.0	15	0	6	9	0.815	12	5	7
BLUESKY-GETHING - A	201	90.0	181	0	28	153	0.800	145	22	123
CADOMIN	75	90.0	68	0	44	24	0.526	36	23	13
BALDONNEL - A	682	85.0	580	0	515	65	0.804	466	414	52
BALDONNEL - A - DEVON PROJECT	4,167	85.0	3,542	0	3,414	128	0.825	2,922	2,816	106
SHUNDA - A	51	50.0	26	0	16	10	0.717	18	11	7
SLAVE POINT - A	2,557	80.0	2,046	2	1,564	482	0.741	1,516	1,159	357
SLAVE POINT - B	770	45.0	346	0	343	3	0.741	257	255	2
SLAVE POINT - C	218	50.0	109	0	94	15	0.746	81	70	11
TOTAL FIELD	8,740		6,913	2	6,024	889		5,453	4,775	678
2240 BUBBLES NORTH										
BLUESKY - B	110	45.0	49	0	47	2	0.823	41	39	2
GETHING	18	40.0	7	0	5	2	0.824	6	5	1
BALDONNEL/UPPER CHARLIE LAKE - A	4,250	90.0	3,825	61	3,522	303	0.803	3,072	2,829	243
BALDONNEL/UPPER CHARLIE LAKE - E	115	90.0	104	0	26	78	0.812	84	21	63
CHARLIE LAKE - A	17	70.0	12	0	2	10	0.813	10	1	9
CHARLIE LAKE - B	15	70.0	10	0	6	4	0.819	8	5	3
COPLIN - A - BG CANADA PROJECT	SOLN	20	85.0	17	0	17	0.841	14	14	0
HALFWAY - A	1,052	80.0	842	4	714	128	0.773	651	552	99
HALFWAY - C	892	90.0	803	6	541	262	0.719	577	389	188
HALFWAY - D	176	25.0	44	0	0	44	0.704	31	0	31
DEBOLT - A	46	90.0	41	0	36	5	0.841	35	31	4
JEAN MARIE - A	6	70.0	4	0	3	1	0.862	4	3	1
SLAVE POINT - A	7	65.0	5	0	5	0	0.735	3	3	0
SLAVE POINT - C	724	65.0	471	0	0	471	0.671	316	0	316
TOTAL FIELD	7,448		6,234	71	4,924	1,310		4,852	3,892	960

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
2200 BUBBLES														
V	136	1.3	16.8	25.3	326	Y	343	8,314	0.8510	42.620	1	2005-12	13576	2001
V	410	5.8	12.6	38.7	335	Y	354	10,764	0.8330	45.535	3	2006-12	18089	2005
D	280				342	Y	0	10,081	0.8060		1	2010-12	23155	2008
M	0	14.6	11.2	17.1	338	Y	411	11,121	0.8650	43.800	3		00451	1959
M	0	14.6	11.2	17.1	338	Y	411	11,121	0.8650	40.089	10		00451	1959
D	284	0.0	4.0	25.0	364	Y	1,274	35,783	1.0350	37.890	1	2014-12	15842	2003
D	279	46.8	9.6	7.8	417	Y	943	32,584	1.0250	37.260	1	2017-12	14304	2002
D	371		9.5	7.6	420	Y	2,698	32,438	1.0240	37.470	3	2017-12	15075	2002
V	280	6.8	7.0	24.0	420	Y	2,328	32,596	1.0270	37.560	1	2010-12	17758	2004
2240 BUBBLES NORTH														
V	622	1.6	14.7	34.0	331	Y	344	11,129	0.8400	43.747	4	2016-12	13135	2000
D	279				341	Y	0	8,907	0.8780	43.310	1	2015-12	13316	2001
M	0	21.3	8.1	29.0	338	Y	416	10,903	0.8580	42.024	25	2012-12	03820	1976
V	279	7.1	8.0	33.0	330	Y	384	10,920	0.8680	42.120	1	2012-12	14211	2001
V	279	1.2	8.1	29.0	334	Y	387	8,974	0.8680	43.250	1	2009-12	13115	2000
V	279	1.1	8.1	29.0	337	Y	390	8,540	0.8730	43.770	1	2009-12	13137	2000
V	340	0.6			339	Y	472			47.437	4	2016-12	13390	2001
D			9.8	30.8	341	Y	680	11,620	0.8490	42.423	47	2016-12	00750	1961
V	1,522	8.8	9.8	31.6	340	Y	567	10,194	0.8580	41.068	27	2010-12	12345	1999
V	406	5.7	10.0	33.4	328	N	503	10,912	0.8300		0	2002-12	12935	2000
D	0	6.5	8.1	29.0	353	Y	925	20,128	0.8880	41.290	2	2011-12	15167	2002
D	280		8.8	5.0	395	Y	1,851	44,535	1.1350		1	2011-12	15981	2005
X	279	0.0	7.5	5.0	418	Y	2,707	32,252	1.0250	36.740	1	2010-12	10536	1997
V	279	30.5	4.4	9.3	419	Y	2,332	32,940	1.0480	37.070	1	2006-12	19204	2005



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	1	2	3	4	5	6	7	8	9	10
Field / Pool / Project	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
2300 BUCKINGHORSE										
HALFWAY - A	133	90.0	119	0	28	91	0.781	93	22	71
DEBOLT - A	1,193	25.0	298	0	168	130	0.794	237	134	103
DEBOLT - B	375	20.0	75	0	67	8	0.795	60	53	7
DEBOLT - C	560	21.0	118	0	116	2	0.795	93	92	1
DEBOLT - D	537	25.0	134	0	133	1	0.794	107	105	2
TOTAL FIELD	2,798		744	0	512	232		590	406	184



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11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
2300 BUCKINGHORSE														
V	279	7.1	9.9	11.2	295	Y	446	6,793	0.8590	39.890	1	2012-12	07761	1992
M	0	0.0	0.0	12.1	345	Y	811	15,211	0.8960	37.808	2	2012-12	07552	1991
V	310	17.8	6.2	11.2	340	Y	629	12,967	0.8790	37.550	2	2012-12	07761	1991
V	279	23.7	7.7	6.9	325	Y	513	12,093	0.8960		1		07987	1993
D	0	93.0	6.9	8.2	338	Y	844	14,530	0.8830	37.960	2	2010-12	08743	1994

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Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
2400 BUICK CREEK										
NOTIKEWIN - B	1,217	80.0	973	17	450	523	0.903	879	406	473
NOTIKEWIN - E	42	80.0	34	0	9	25	0.901	30	8	22
BLUESKY - A	223	90.0	201	0	193	8	0.860	173	166	7
BLUESKY - B	163	9.4	15	0	15	0	0.889	14	13	1
BLUESKY - C	3,671	85.0	3,120	14	3,017	103	0.864	2,697	2,608	89
BLUESKY - C - DOMINION PROJECT	1,573	85.0	1,337	11	1,232	105	0.846	1,131	1,041	90
BLUESKY - D	228	50.0	114	0	110	4	0.874	100	96	4
BLUESKY - E	22	90.0	20	0	7	13	0.863	17	6	11
BLUESKY - F	35	90.0	32	0	28	4	0.849	27	24	3
BLUESKY - G	311	80.0	249	3	139	110	0.872	217	122	95
BLUESKY	13	45.0	6	0	6	0	0.879	5	5	0
GETHING - C	113	90.0	102	1	55	47	0.872	89	48	41
GETHING - D	45	60.0	27	0	23	4	0.883	24	20	4
GETHING - E	14	80.0	11	0	5	6	0.875	9	4	5
GETHING - F	30	80.0	24	1	13	11	0.875	21	11	10
GETHING - G	9	80.0	7	0	7	0	0.877	6	6	0
GETHING - H	40	4.9	2	0	2	0	0.877	2	2	0
GETHING - I	74	20.0	15	0	7	8	0.861	13	6	7
GETHING	32	80.0	26	0	2	24	0.767	20	1	19
DUNLEVY - A										
SOLN	69	80.0	56	0			0.842	47		
CAP	3,522	90.0	3,170	6	3,149	77	0.842	2,669	2,651	65
TOTAL GAS	3,591		3,226	6	3,149	77		2,716	2,651	65
DUNLEVY - B										
SOLN	6	50.0	3	0			0.830	3		
CAP	3,175	78.0	2,476	3	2,451	28	0.830	2,056	2,035	24
TOTAL GAS	3,181		2,479	3	2,451	28		2,059	2,035	24
DUNLEVY - C	4,238	90.0	3,814	3	3,724	90	0.848	3,234	3,157	77
DUNLEVY - C - CNRL PROJECT										
SOLN	3	70.0	2	0			0.834	2		
CAP	58	90.0	52	0	34	20	0.834	43	27	18
TOTAL GAS	61		54	0	34	20		45	27	18
DUNLEVY - C - BONAVISTA PROJECT										
SOLN	27	90.0	25	0	13	12	0.838	21	11	10
DUNLEVY - D	52	80.0	41	0	1	40	0.877	36	1	35
DUNLEVY - G	38	80.0	30	0	19	11	0.873	26	17	9
DUNLEVY - H	461	90.0	415	0	405	10	0.864	358	350	8

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11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
2400 BUICK CREEK														
V	10,792	3.2	13.0	37.1	313	Y	89	4,401	0.9280	39.803	45	2008-12	07479	1998
V	663	2.3	12.3	43.8	313	Y	94	4,085	0.9330	39.514	2	2008-12	14400	2003
D			10.8	27.3	321	Y	351	7,660	0.8680	44.950	3	2013-12	01088	1962
X	0	0.0	10.7	40.2	321	Y	345	7,626	0.8680	41.620	2	2010-12	01087	1962
D	0	0.0	0.0	0.0	321	Y	339	7,714	0.8420	45.095	64	2010-12	07981	1992
D					321	Y	344	7,714	0.8420	45.878	39	2010-12	07981	1992
D	1,638	2.1	10.4	26.6	321	Y	341	8,363	0.8530	43.540	3	2002-12	03177	1972
V	129	3.2	11.3	40.0	321	Y	335	7,636	0.8630	44.630	1		06530	1986
V	259	2.0	10.5	26.0	323	Y	343	8,556	0.8570	42.290	1	2012-12	07534	1990
D		1.7	9.7	43.0	325	Y	306	7,947	0.8670	43.078	10	2013-12	11726	1999
D	282		12.0	50.0	325	Y	346	7,947	0.8720		2	2015-12	22256	2008
D	0	2.0	15.0	29.0	325	Y	380	8,242	0.8680	43.360	1	2013-12	12363	1999
D		6.8	12.2	45.3	325	Y	349	8,174	0.8720	41.980	1	2015-12	18468	2005
V	282	0.7	12.6	38.0	326	Y	360	8,780	0.8700	42.510	1	2007-12	19918	2005
D		4.7	13.6	29.0	325	Y	336	8,375	0.8690	42.990	1	2016-12	19918	2005
D		2.4	14.4	37.0	320	Y	281	8,118	0.8780	37.700	1	2014-12	14400	2002
X	284	1.4	14.0	28.0	320	Y	270	9,589	0.8630	37.700	1	2012-12	14400	2002
V	283	3.5	12.5	34.0	324	Y	341	8,851	0.8560	44.420	1	2015-12	09697	2005
V	283	1.5	12.5	34.0	334	Y	383	9,309	0.8630		1	2012-12	18722	2005
												2012-12	01500	1964
M	0	5.8	12.2	25.8	323	Y	384	8,991	0.8480	45.677	16	2012-12	01500	1964
												2017-12	10521	1998
D		5.1	12.2	28.0	323	Y	373	8,984	0.8530	45.463	19	2017-12	01087	1962
D		6.6	10.7	20.0	323	Y	373	8,991	0.8480	45.881	27	2017-12	00096	1954
												2010-12	13791	2001
D	284	0.0	11.6	26.0	323	Y	385	8,991	0.8480	45.180	1	2010-12	13791	2001
D		3.4			323	Y	366			49.190	2	2017-12	21881	2006
V	357	2.7	11.9	53.8	323	Y	404	9,336	0.8440	42.740	1	2002-12	03273	1973
V	290	1.5	12.5	24.3	323	Y	367	8,880	0.8540		1		03801	1976
D	0	4.5	13.8	22.3	323	Y	369	8,768	0.8480	45.340	7	2010-12	03641	1975

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	1	2	3	4	5	6	7	8	9	10
Field / Pool / Project	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
2400 BUICK CREEK										
DUNLEVY - I	318	90.0	287	0	255	32	0.869	249	222	27
DUNLEVY - K	714	90.0	643	1	630	13	0.842	541	530	11
DUNLEVY - L	SOLN	10	50.0	5	0	5	0.847	4	0	4
DUNLEVY - M		108	90.0	97	1	64	0.868	85	56	29
DUNLEVY - O		44	90.0	39	0	38	0.873	34	33	1
DUNLEVY - P - DOMINION PROJECT	SOLN	188	70.0	131	6	38	0.836	110	32	78
BALDONNEL - A	SOLN	10	40.0	4	0	1	0.893	4	1	3
BALDONNEL - F		54	80.0	43	1	31	0.880	38	27	11
BALDONNEL - G		25	80.0	20	1	12	0.880	17	10	7
BALDONNEL		16	80.0	13	0	12	0.873	11	10	1
CECIL - A		283	90.0	255	0	73	0.851	217	62	155
CECIL - B		268	90.0	241	0	236	0.852	206	201	5
CECIL - C		45	80.0	36	0	15	0.871	31	13	18
NORTH PINE - A		536	90.0	482	0	404	0.887	428	359	69
NORTH PINE - B		408	60.0	245	2	231	0.877	215	203	12
NORTH PINE - C		81	90.0	73	0	71	0.894	65	64	1
NORTH PINE - D	SOLN	2	50.0	1	0	0	0.854	1	0	1
ARTEX - A		98	90.0	88	0	5	0.816	72	4	68
ARTEX - B		104	80.0	83	0	64	0.800	67	51	16
ARTEX - C		21	80.0	17	0	4	0.812	14	3	11
ARTEX - E		60	80.0	48	0	40	0.777	37	31	6
ARTEX		30	80.0	24	0	20	0.760	18	16	2
HALFWAY - B		97	80.0	78	0	59	0.748	58	44	14
HALFWAY - D		152	90.0	137	0	1	0.803	110	1	109
HALFWAY - E		37	90.0	33	0	23	0.803	27	18	9
HALFWAY - F		116	90.0	105	2	60	0.854	89	51	38
LOWER HALFWAY - A - RIGEL PROJECT	SOLN	65	50.0	32	0		0.768	25		
	CAP	8	90.0	7	0	35	0.768	5	27	3
TOTAL GAS	73		39	0	35	4		30	27	3
LOWER HALFWAY - B - CNRL PROJECT		408	74.6	305	0	33	0.762	232	25	257
LOWER HALFWAY - C - CNRL PROJECT		1,238	80.0	991	0	81	0.716	709	58	651
LOWER HALFWAY - C - TALISMAN PROJECT	SOLN	196	50.0	98	2	52	0.751	74	39	35

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
2400 BUICK CREEK														
M	0	0.0	9.2	38.7	323	Y	372	9,142	0.8420	42.810	2	2014-12	03720	1976
D	0	5.6	13.4	30.6	323	Y	362	9,094	0.8370	44.486	7	2007-12	04123	1977
V	65	0.9			328	Y	367				1	2012-12	06659	1987
D	0	3.5	11.4	38.7	324	Y	367	9,000	0.8500		2	2004-12	03624	1975
D		5.7	9.1	40.1	322	Y	378	9,015	0.8360	42.720	2	2017-12	07534	1990
D		2.1			323	Y	381			47.300	1	2017-12	15179	2003
D		5.0			324	Y	428			48.190	1	2017-12	09470	1995
D		1.3	13.2	32.7	326	Y	398	10,404	0.8420	41.799	4	2013-12	20079	2005
D		2.8	8.9	20.0	322	Y	434	10,692	0.8340	42.250	1	2016-12	19763	2005
D	566				325	Y	411	10,403	0.8400	42.830	2	2009-12	18495	2004
M	0	1.8	13.0	33.0	327	Y	496	10,818	0.8590	44.000	0		00096	1954
D	0	1.4	14.6	28.4	327	Y	491	10,684	0.8500	43.180	4	2007-12	07472	1990
V	284	1.7	13.0	23.0	326	Y	473	8,961	0.8470	41.330	1		06872	1997
M	0	2.1	10.7	13.0	326	Y	574	12,701	0.8180	42.518	3		05786	1982
D	1,716		13.3	14.8	326	Y	568	12,701	0.8270	46.330	2	2017-12	10136	1996
D	0	1.0	10.8	23.0	330	Y	580	8,708	0.8740		1	2001-12	08166	1993
V	66	0.8			330	Y	293			45.100	1	2001-12	04774	1999
V	437	1.2	14.3	9.1	333	Y	674	13,816	0.8230	43.600	1	2001-12	04774	1979
V	568	1.1	14.5	20.8	330	Y	633	13,210	0.7850	21.110	3		07950	1992
V	284	0.7	12.4	33.0	324	Y	599	11,759	0.7980	43.060	1		07686	1991
V	284	1.3	15.7	19.0	330	Y	613	11,683	0.7860	45.120	1		09203	1995
D	284				330	Y	642	10,561	0.8120		2	2010-12	14241	2001
V	340	2.4	15.5	40.2	330	Y	638	11,710	0.7860	15.692	3		07472	1997
V	284	4.6	14.3	36.0	328	Y	654	11,922	0.8110		1	2005-12	14844	2002
D	283	0.0	20.8	36.0	328	Y	600	11,177	0.7770	43.329	2	2010-12	12621	2000
D	282		15.5	22.0	328	Y	541	11,090	0.8330	44.160	1	2011-12	20079	2005
												2007-12	04172	1977
V	26	2.2	9.2	11.0	330	Y	678	14,483	0.7510	46.220	2	2007-12	04172	1977
D		4.3	9.1	8.8	330	Y	679	14,547	0.7510	43.700	12	2017-12	06872	1988
D		3.8	10.4	9.3	330	Y	567	13,516	0.7140	47.367	28	2017-12	07200	1990
D		10.0			330	Y	668			44.920	2	2017-12	07200	1990

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Field / Pool / Project		1	2	3	4	5	6	7	8	9	10
		Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
2400 BUICK CREEK											
LOWER HALFWAY - D - CNRL PROJECT	SOLN	350	50.0	175	0			0.698	122		
	CAP	292	90.0	263	0	421	17	0.698	184	294	12
	TOTAL GAS	642		438	0	421	17		306	294	12
LOWER HALFWAY - E - CNRL PROJECT	SOLN	238	50.0	119	0			0.722	86		
	CAP	19	13.9	3	0	55	67	0.722	2	40	48
	TOTAL GAS	257		122	0	55	67		88	40	48
LOWER HALFWAY - H - CNRL PROJECT	SOLN	9	50.0	5	0			0.774	4		
	CAP	102	80.0	82	0	14	73	0.774	63	11	56
	TOTAL GAS	111		87	0	14	73		67	11	56
LOWER HALFWAY - I - CNRL PROJECT	SOLN	189	62.0	117	0			0.776	91		
	CAP	89	90.0	80	0	195	2	0.776	62	151	2
	TOTAL GAS	278		197	0	195	2		153	151	2
LOWER HALFWAY - J - CNRL PROJECT	SOLN	344	90.0	309	0			0.712	220		
	CAP	24	80.0	19	0	278	50	0.712	13	198	35
	TOTAL GAS	368		328	0	278	50		233	198	35
LOWER HALFWAY - K - CNRL PROJECT	SOLN	123	50.0	61	0			0.707	43		
	CAP	176	80.0	140	0	188	13	0.707	99	133	9
	TOTAL GAS	299		201	0	188	13		142	133	9
LOWER HALFWAY - K - RIGEL PROJECT	SOLN	77	50.0	39	0	18	21	0.679	26	13	13
LOWER HALFWAY - N - CNRL PROJECT	SOLN	60	45.0	27	0	24	3	0.694	19	17	2
LOWER HALFWAY - O - CNRL PROJECT	SOLN	209	75.0	157	0	116	41	0.685	107	79	28
LOWER HALFWAY - P		63	80.0	50	0	0	50	0.808	41	0	41
LOWER HALFWAY - S - TALISMAN PROJECT	SOLN	2	50.0	1	0	0	1	0.706	1	0	1
LOWER HALFWAY - T - TALISMAN PROJECT	SOLN	17	50.0	9	0	5	4	0.664	6	3	3
LOWER HALFWAY - U - CNRL PROJECT	SOLN	106	50.0	53	0	12	41	0.767	41	9	32
SLAVE POINT - B		1,156	90.0	1,040	7	923	117	0.884	919	815	104
SLAVE POINT - C		1,564	9.1	142	0	142	0	0.883	126	126	0
TOTAL FIELD		30,453		23,951	82	20,029	3,922		20,037	16,872	3,165

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11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
2400 BUICK CREEK														
D	0	2.4	10.6	11.2	328	Y	671	13,263	0.7880	52.250	12	2017-12	07679	1991
D	259		9.4	5.2	330	Y	697	14,403	0.6950	44.760	3	2014-12	07479	1990
V	284	3.7	10.9	8.0	319	Y	680	8,750	0.8040	48.000	1	2003-12	09204	1995
V	248	2.4	11.1	8.0	327	Y	649	11,943	0.7120	48.462	7	2015-12	09365	1995
V	77	1.9	9.9	11.3	328	Y	620	14,073	0.6660	46.303	5	2012-12	09412	1995
D	0	2.0	13.5	10.0	330	Y	681	13,299	0.6580	47.984	2	2004-12	09766	1996
V	65	15.0			330	Y	700			45.500	1	2003-12	09766	1996
D		11.0			330	Y	687			55.890	1	2016-12	10173	1996
V	142	10.0			328	Y	684			55.230	2	2003-12	10397	1997
V	448	0.9	18.1	31.0	331	N	670	12,258	0.8430	41.493	0		12038	1999
D	0	5.0			330	Y	678			50.610	1	2006-12	12928	2000
V	142	2.1			330	Y	695			48.650	1	2005-12	14844	2002
V	142	8.9			330	Y	684			44.760	2	2007-12	16175	2003
D	0	14.3	10.1	5.5	395	Y	2,466	35,655	1.0540	35.940	2	2016-12	14947	2002
X	282	32.1	10.0	26.0	403	Y	2,448	34,808	1.0520	37.397	2	2010-12	16211	2003

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Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
2700 BUICK CREEK NORTH										
NOTIKEWIN - A	1,071	50.0	536	1	531	5	0.899	482	477	5
BLUESKY - A	755	90.0	680	1	660	20	0.817	555	539	16
BLUESKY - B	64	10.0	6	0	2	4	0.875	6	2	4
GETHING - B	3	90.0	2	0	2	0	0.589	1	1	0
GETHING - C	46	90.0	41	0	36	5	0.860	35	31	4
GETHING - E	64	90.0	58	1	21	37	0.862	50	18	32
GETHING - F	24	80.0	19	1	9	10	0.867	16	8	8
GETHING - G	3	80.0	2	0	2	0	0.846	2	1	1
BASAL GETHING - A	38	80.0	30	0	30	0	0.861	26	26	0
DUNLEVY - A	1,284	90.0	1,156	5	848	308	0.850	983	721	262
DUNLEVY - B	328	40.9	134	0	134	0	0.879	118	118	0
DUNLEVY - C	59	90.0	53	0	52	1	0.871	46	45	1
DUNLEVY - D	151	65.0	98	0	90	8	0.863	85	77	8
DUNLEVY - E - DOMINION PROJECT										
SOLN	8	90.0	7	0			0.844	6		
CAP	32	80.0	26	0	27	6	0.844	22	23	5
TOTAL GAS	40		33	0	27	6		28	23	5
DUNLEVY - F	66	80.0	53	0	51	2	0.855	45	43	2
DUNLEVY - P	293	80.0	235	2	182	53	0.840	197	153	44
DUNLEVY - R	10	80.0	8	0	7	1	0.873	7	6	1
DUNLEVY - S	13	80.0	10	0	9	1	0.878	9	8	1
DUNLEVY - T	91	10.0	9	0	1	8	0.864	8	1	7
DUNLEVY - U - DOMINION PROJECT										
SOLN	10	50.0	5	0	4	1	0.864	4	4	0
CAP	3	50.0	2	0			0.841	1		
CAP	16	80.0	13	0	12	3	0.841	11	10	2
TOTAL GAS	19		15	0	12	3		12	10	2
LOWER DUNLEVY - B	25	50.0	12	0	12	0	0.873	11	10	1
BALDONNEL - A	54	90.0	49	0	20	29	0.849	41	17	24
BALDONNEL - B	22	80.0	17	0	6	11	0.847	15	5	10
BALDONNEL - C	12	90.0	11	0	9	2	0.874	9	8	1
HALFWAY - A	153	90.0	138	0	47	91	0.747	103	35	68
TOTAL FIELD	4,698		3,410	11	2,804	606		2,894	2,387	507

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
2700 BUICK CREEK NORTH														
D		6.4	15.4	33.8	313	Y	132	4,842	0.9090	41.455	55	2017-12	14075	2003
D		3.1	8.9	46.6	324	Y	327	9,080	0.8330	47.002	8	2015-12	01753	1965
V	282	2.1	13.8	15.0	326	Y	356	9,108	0.8610		1	2016-12	13293	2000
D			14.8	33.0	325	Y	351	9,126	0.8070	44.550	1	2014-12	16971	2004
D	0	0.9	10.4	34.0	325	Y	364	8,962	0.8250	44.360	1	2010-12	03780	1976
V	455	2.4	10.2	39.1	325	Y	339	9,225	0.8540	42.271	3	2009-12	19935	2005
V	282	1.4	11.2	41.0	325	Y	356	8,889	0.8580	42.190	1	2009-12	19933	2005
D		1.1	11.0	23.0	324	Y	354	4,955	0.8950		1	2012-12	21418	2006
D	973		11.9	26.9	328	Y	394	9,461	0.8720	42.540	5	2016-12	18476	2004
D		7.5	11.2	35.2	326	Y	367	9,108	0.8470	43.470	7	2013-12	02026	1966
X	0	3.0	12.3	22.8	325	Y	361	8,880	0.8430	42.689	4	2003-12	01830	1966
D	0	0.0	9.2	52.4	325	Y	365	9,025	0.8410		3	2014-12	03799	1977
V	566	2.5	14.6	17.3	329	Y	360	8,894	0.8700	42.734	2	2015-12	00185	1956
												2016-12	11366	1998
V	282	1.5	9.5	17.0	328	Y	389	9,511	0.8580	46.040	1	2016-12	11366	1998
D	0	1.0	12.9	23.6	324	Y	400	10,280	0.8240	42.560	3	2005-12	13293	2000
D	0	3.0	12.6	31.2	311	Y	359	9,023	0.8030	46.350	2	2003-12	01753	1965
D		1.0	12.6	21.0	328	Y	386	8,725	0.8580	43.650	1	2016-12	15101	2003
D	282	0.0	12.1	29.1	326	Y	378	9,259	0.8550	42.640	1	2010-12	11425	1999
V	282	4.8	10.5	27.0	328	Y	395	8,725	0.8580	43.840	1	2014-12	17264	2004
D		1.3			329	Y	406			44.060	1	2016-12	17339	2004
												2010-12	11425	1999
D	282	0.0	15.2	33.9	326	Y	389	9,341	0.8160	47.100	2	2010-12	11425	1999
D		2.3	10.7	18.0	328	Y	413	9,225	0.8520	43.610	1	2015-12	16971	2004
V	95	5.3	13.6	28.9	327	Y	408	10,757	0.8440	42.220	1	2007-12	15210	2002
D	283		9.2	23.0	328	Y	419	10,403	0.8510	41.850	1	2010-12	25057	2008
D		5.8	13.0	42.0	324	Y	402	4,974	0.8470		1	2012-12	21418	2006
V	849	3.2	10.0	52.7	334	Y	623	11,435	0.8170	42.851	3	2003-12	13525	2001

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	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
2800 BUICK CREEK WEST										
BLUESKY - A	901	90.0	811	4	793	18	0.818	663	649	14
BLUESKY - C	33	74.0	25	0	24	1	0.842	21	21	0
BLUESKY - D	28	50.0	14	0	9	5	0.860	12	8	4
GETHING - B	56	90.0	51	0	40	11	0.865	44	34	10
DUNLEVY - A										
SOLN	127	19.4	25	0			0.854	21		
CAP	2,423	90.0	2,181	7	2,177	29	0.854	1,863	1,860	24
TOTAL GAS	2,550		2,206	7	2,177	29		1,884	1,860	24
DUNLEVY - B										
SOLN	8	19.4	2	0			0.851	1		
CAP	1,847	90.0	1,662	7	1,625	39	0.851	1,414	1,382	33
TOTAL GAS	1,855		1,664	7	1,625	39		1,415	1,382	33
DUNLEVY - F	44	61.1	27	0	27	0	0.879	24	23	1
DUNLEVY - G	1,213	90.0	1,091	10	820	271	0.853	931	699	232
DUNLEVY - J	207	90.0	187	0	181	6	0.859	160	156	4
DUNLEVY - L	33	80.0	27	0	11	16	0.783	21	9	12
DUNLEVY - N										
SOLN	7	50.0	4	0			0.754	3		
CAP	49	80.0	39	0	8	35	0.754	29	6	26
TOTAL GAS	56		43	0	8	35		32	6	26
DUNLEVY - O	20	80.0	16	0	2	14	0.866	14	2	12
DUNLEVY - P	12	80.0	9	0	8	1	0.860	8	7	1
DUNLEVY - Q	28	80.0	23	0	19	4	0.861	19	16	3
DUNLEVY - R	64	90.0	58	1	51	7	0.817	47	42	5
BALDONNEL - A	248	65.0	161	0	152	9	0.852	137	130	7
BALDONNEL - F	268	90.0	242	3	195	47	0.823	199	161	38
BALDONNEL - H	50	90.0	45	0	34	11	0.802	36	27	9
NANCY	27	80.0	22	0	19	3	0.890	19	17	2
HALFWAY - A	394	65.0	256	0	250	6	0.711	182	177	5
HALFWAY - B	129	90.0	116	0	2	114	0.828	96	2	94
DOIG	2	69.0	1	0	1	0	0.822	1	1	0
DEBOLT - A	122	25.0	31	0	4	27	0.860	26	3	23
TOTAL FIELD	8,340		7,126	32	6,452	674		5,991	5,432	559



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Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
2800 BUICK CREEK WEST														
D	0	3.9	9.0	47.5	327	Y	331	9,388	0.8510	47.995	9	2004-12	03771	1976
X		1.8	7.8	39.7	323	Y	329	9,184	0.8250	46.610	2	2017-12	03980	1977
D	282		12.0	32.0	324	Y	340	9,015	0.8370	44.450	1	2010-12	15057	2002
D		2.0	12.0	25.0	331	Y	372	9,483	0.8460	44.220	1	2014-12	03555	2002
M	0	0.0	11.3	29.5	325	Y	382	9,129	0.8560	43.817	7	2010-12	00271	1957
												2010-12	00271	1957
D	0	0.0	0.0	0.0	325	Y	380	9,129	0.8560	39.686	7	2003-12	00280	1957
												2003-12	00280	1957
X	283	4.1	9.3	44.9	325	Y	375	7,385	0.8670	35.254	1	2003-12	03980	1977
D		5.7	10.7	24.4	329	Y	376	7,592	0.8820	42.791	11	2013-12	07690	1991
D		4.1	12.1	28.4	331	Y	368	9,126	0.8730	43.657	5	2014-12	12188	1999
V	284	1.9	9.5	33.0	320	Y	374	9,192	0.8390	42.540	1	2003-12	13013	2000
V	282	1.3	12.5	16.0	331	Y	376	11,358	0.7730	49.960	3	2011-12	13931	2001
												2011-12	13931	2001
V	282	1.2	10.5	38.0	331	Y	400	9,126	0.8730	42.940	1	2004-12	14976	2003
D	282	0.0	10.1	27.0	331	Y	396	9,150	0.8610	44.760	1	2010-12	15056	2002
V	282	1.2	11.6	21.0	330	Y	390	9,065	0.8560	44.230	1	2006-12	15057	2002
D		4.7	11.3	34.1	327	Y	369	9,078	0.8600	42.190	1	2015-12	13825	2001
M	0	0.0	0.0	0.0	327	Y	419	10,211	0.8340	42.181	4	2006-12	00249	1957
D		0.0	14.1	29.5	329	Y	411	10,641	0.8140	43.120	2	2017-12	08889	1994
D	564		12.8	23.7	333	Y	430	11,210	0.8470	45.997	2	2010-12	01332	1963
D					331	Y	499	17,412	0.8050	44.910	1	2009-12	14308	2001
M	0	0.0	0.0	0.0	332	Y	671	11,962	0.8190	43.540	1	2012-12	00086	1954
V	282	5.5	12.0	45.0	335	Y	642	12,375	0.8310	45.590	1	2005-12	17461	2004
X						Y					1	2012-12	17461	2005
V	259	5.8	9.2	40.6	342	Y	927	15,437	0.8620	44.450	1	2008-12	03555	1975

Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
2810 BULLDOG										
SLAVE POINT - A	323	65.0	210	0	129	81	0.767	161	99	62
TOTAL FIELD	323		210	0	129	81		161	99	62
2820 BULRUSH										
NORDEGG-BALDONNEL - A	94	70.0	66	0	5	61	0.748	49	4	45
CHARLIE LAKE	12	70.0	8	0	7	1	0.748	6	5	1
HALFWAY - A - CNRL UNIT #1	SOLN 177	60.0	106	21	103	3	0.898	95	92	3
HALFWAY - B - CNRL PROJECT	SOLN 18	20.0	4	0			0.898	3		
	CAP 50	35.0	18	0	18	4	0.898	16	16	3
TOTAL GAS	68		22	0	18	4		19	16	3
TOTAL FIELD	351		202	21	133	69		169	117	52
2850 BURNT RIVER										
PARDONET-BALDONNEL - A	1,744	80.0	1,395	0	1,295	100	0.842	1,174	1,090	84
PARDONET-BALDONNEL - B	547	90.0	492	0	393	99	0.755	372	297	75
BELCOURT - A	2,035	90.0	1,832	79	1,349	483	0.896	1,641	1,208	433
TOTAL FIELD	4,326		3,719	79	3,037	682		3,187	2,595	592



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Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
2810 BULLDOG														
V	86	29.3	8.8	7.9	392	Y	1,705	20,877	0.9590	32.830	1		03268	1973
2820 BULRUSH														
V	283	3.4	17.7	34.0	326	Y	301	8,421	0.8740		1		09469	1995
D	283				327	Y	383	5,872	0.9050	42.070	1	2010-12	01629	1965
V	401	1.8			329	Y	402			42.368	5	2017-12	01267	1963
												2003-12	04124	1977
M	0	0.0	25.5	4.9	332	Y	409	8,529	0.8630		1	2003-12	04124	1977
2850 BURNT RIVER														
D	0	36.5	3.1	11.2	344	Y	1,494	29,257	0.9470	37.636	2	2006-12	08213	1994
D	0	14.8	3.2	12.0	341	Y	1,586	29,215	0.9140	37.550	1	2010-12	09393	1996
V	590	30.0	3.5	10.0	378	Y	3,124	65,067	1.3410	37.760	1	2010-12	24076	2009

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Field / Pool / Project	1 Original Gas In Place 10E6 m3	2 Recovery Factor %	3 Initial Reserves (Raw) 10E6 m3	4 Annual Prod (Raw) 10E6 m3	5 Cumul Prod (Raw) 10E6 m3	6 Remaining Reserves (Raw) 10E6 m3	7 Shrink Factor	8 Initial Reserves (Mktble) 10E6 m3	9 Cumul. Prod (Mktble) 10E6 m3	10 Remain'g Reserves (Mktble) 10E6 m3
2860 BULLMOOSE										
DUNLEVY	76	25.0	19	0	0	19	0.914	17	0	17
PARDONET-BALDONNEL - A	1,190	80.0	952	0	151	801	0.607	578	92	486
PARDONET-BALDONNEL - B	718	90.0	646	0	62	584	0.562	363	35	328
PARDONET-BALDONNEL - C	330	90.0	297	0	41	256	0.676	201	28	173
PARDONET-BALDONNEL - D	908	90.0	817	19	489	328	0.523	427	255	172
PARDONET-BALDONNEL - E	835	90.0	752	27	443	309	0.601	451	266	185
PARDONET-BALDONNEL - F	321	80.0	257	0	0	257	0.517	133	0	133
BALDONNEL - A - TALISMAN UNIT #1	4,239	90.0	3,815	22	3,688	127	0.545	2,079	2,010	69
BALDONNEL - B - TALISMAN UNIT #1	5,035	90.0	4,532	38	3,865	667	0.531	2,406	2,052	354
BALDONNEL - C	2,344	90.0	2,110	32	1,529	581	0.545	1,149	833	316
BALDONNEL - D	9,843	90.0	8,859	110	1,817	7,042	0.605	5,362	1,100	4,262
BALDONNEL - E	1,897	40.0	759	2	693	66	0.624	473	432	41
BALDONNEL - G	5,299	90.0	4,770	58	1,924	2,846	0.519	2,475	998	1,477
BALDONNEL - H	587	90.0	528	21	338	190	0.537	284	182	102
TOTAL FIELD	33,622		29,113	329	15,040	14,073		16,398	8,283	8,115
2865 BULLMOOSE WEST										
PARDONET - A	400	50.0	200	0	181	19	0.665	133	120	13
PARDONET-BALDONNEL - B	845	70.0	592	0	118	474	0.673	398	80	318
PARDONET-BALDONNEL - C	3,139	80.0	2,511	3	2,495	16	0.711	1,786	1,775	11
PARDONET-BALDONNEL - D - SHELL PROJECT	2,073	90.0	1,866	0	1,849	17	0.760	1,418	1,406	12
PARDONET-BALDONNEL - E	706	90.0	636	0	169	467	0.645	410	109	301
PARDONET-BALDONNEL - F	331	90.0	298	0	0	298	0.751	224	0	224
BALDONNEL - B	507	90.0	456	0	354	102	0.703	321	249	72
BELCOURT - A	433	90.0	390	0	306	84	0.772	301	236	65
TOTAL FIELD	8,434		6,949	3	5,472	1,477		4,991	3,975	1,016

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
2860 BULLMOOSE														
V	40	18.1	7.1	19.0	332	N	796	18,437	0.8700		0	2005-12	03319	1973
V	296	26.5	5.5	7.0	347	Y	1,633	27,035	0.7470	37.460	1		09778	1996
V	296	22.0	5.0	15.0	366	Y	2,134	30,684	0.9190	37.640	1	2009-12	19508	2006
V	266	16.4	3.5	11.0	343	Y	1,186	24,604	0.8400	37.630	1	2007-12	14283	2003
M	297		3.5	11.0	350	Y	1,724	28,330	0.8090	28.020	1	2011-12	21232	2006
V	296	25.0	4.5	10.0	355	Y	1,901	30,336	0.8720	29.650	1	2012-12	20207	2006
V	130	22.0	4.5	15.0	355	N	1,721	30,336	0.8270	37.660	0	2009-12	21628	2008
M		36.8	5.2	26.0	335	Y	1,264	27,434	0.7650	28.130	1	2011-12	03440	1975
M		32.0	5.1	25.4	350	Y	1,537	27,303	0.7860	37.640	2	2013-12	03817	1977
M	0	22.2	3.7	11.9	351	Y	1,363	27,888	0.7830	28.100	2	2009-12	07468	1991
M	1,386	0.0	3.8	21.8	360	Y	2,017	30,655	0.8350	29.567	4	2012-12	15372	2003
D	296		3.0	12.0	345	Y	1,347	26,375	0.7830	37.590	1	2017-12	19350	2005
M	1,726	0.0	4.2	11.1	343	Y	1,558	28,243	0.7760	28.479	3	2012-12	17713	2004
M		8.2	4.5	20.0	370	Y	2,483	34,038	0.8880	28.200	1	2011-12	22972	2008
2865 BULLMOOSE WEST														
M	0	23.9	4.0	15.2	354	Y	1,600	29,172	0.8820	37.690	1	2001-12	07185	1990
V	359	24.2	4.1	8.0	348	Y	1,469	27,200	0.8620	37.770	1	2005-12	05501	1992
D		0.0	0.0	0.0	341	Y	982	25,616	0.8790	37.530	1	2015-12	07528	1991
D	0	23.7	4.6	13.0	338	Y	1,099	25,050	0.8540	37.700	3	2006-12	07926	1992
V	296	25.0	4.0	12.0	356	Y	1,654	30,146	0.8880	37.700	1	2001-12	12197	2000
V	297	25.0	3.0	15.0	326	N	668	16,430	0.8200	38.960	0	2010-12	18316	2005
D	0	23.0	3.5	15.0	340	Y	971	17,580	0.8150	37.670	1	2010-12	08285	1995
D	296				384	Y	3,261	51,838	1.1760		1	2010-12	19610	2006

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Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
2900 CABIN										
SLAVE POINT - A	313	11.3	35	0	35	0	0.720	25	25	0
SLAVE POINT - A - DORSET PROJECT	115	42.9	49	0	49	0	0.734	36	36	0
SLAVE POINT - B	1,896	49.0	930	0	930	0	0.739	687	687	0
SLAVE POINT - C	755	38.6	292	0	291	1	0.740	216	216	0
SLAVE POINT - D	484	65.0	314	11	277	37	0.717	225	199	26
SLAVE POINT - E	1,020	4.2	42	0	42	0	0.726	31	31	0
TOTAL FIELD	4,583		1,662	11	1,624	38		1,220	1,194	26



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11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
2900 CABIN														
X	225	15.5	8.4	24.7	392	Y	1,445	18,355	0.9370	31.761	1	2002-12	02425	1969
X	71	16.5	8.8	21.8	392	Y	1,445	18,355	0.9370		1	2002-12	02425	1969
X	0	18.8	9.0	15.0	395	Y	1,463	18,368	0.9380	31.578	2	2014-12	01406	1964
X	331	17.9	10.0	9.0	391	Y	1,463	18,009	0.9350		2	2002-12	01245	1963
V	432	14.3	7.4	23.5	397	Y	1,452	18,009	0.9330	37.580	3	2006-12	03844	1977
X	259	31.0	10.0	9.0	391	Y	1,449	17,993	0.9370		1	2014-12	05722	1982

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Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
2920 CACHE CREEK										
BLUESKY - A	313	90.0	282	3	242	40	0.810	228	196	32
BLUESKY - B	131	90.0	118	0	60	58	0.810	95	49	46
BLUESKY - C	SOLN 3	45.0	1	0			0.832	1		
	CAP 13	50.0	7	0	7	1	0.832	6	6	1
TOTAL GAS	16		8	0	7	1		7	6	1
BLUESKY	1	96.0	1	0	1	0	0.864	1	1	0
GETHING - C	19	60.0	11	0	8	3	0.840	10	7	3
BALDONNEL - A	1,061	90.0	955	9	420	535	0.860	822	362	460
COPLIN - A - DOMINION PROJECT	SOLN 8	60.0	5	0			0.835	4		
	CAP 545	90.0	490	3	483	12	0.835	410	403	11
TOTAL GAS	553		495	3	483	12		414	403	11
COPLIN - A - CNRL PROJECT #1	100	70.0	70	0	58	12	0.889	62	51	11
COPLIN - A - CNRL PROJECT #2	437	90.0	393	3	373	20	0.884	348	330	18
COPLIN - B	443	80.0	354	1	344	10	0.815	288	280	8
HALFWAY - A	750	90.0	675	6	654	21	0.591	399	386	13
HALFWAY - A - CNRL PROJECT	1,499	90.0	1,349	7	1,266	83	0.521	703	659	44
HALFWAY - B	143	90.0	128	0	4	124	0.603	77	3	74
DOIG - A	282	.2	1	0	0	1	0.803	0	0	0
DOIG - AA	SOLN 48	10.0	5	0			0.841	4		
	CAP 3	85.0	3	0	8	0	0.841	2	6	0
TOTAL GAS	51		8	0	8	0		6	6	0
DOIG - BB	SOLN 17	80.0	14	0	7	7	0.707	10	5	5
DOIG - C - DOMINION PROJECT	SOLN 115	70.0	81	0			0.795	64		
	CAP 97	80.0	77	1	134	24	0.795	62	106	20
TOTAL GAS	212		158	1	134	24		126	106	20
DOIG - CC - ARTEK PROJECT	SOLN 120	50.0	60	0	7	53	0.795	48	6	42
DOIG - D	26	90.0	23	0	23	0	0.851	20	20	0
DOIG - E - SUNCOR PROJECT	SOLN 137	62.0	85	0	84	1	0.745	63	63	0
DOIG - F - DOMINION PROJECT	SOLN 7	50.0	3	0			0.835	3		
	CAP 17	80.0	14	0	13	4	0.835	11	11	3
TOTAL GAS	24		17	0	13	4		14	11	3

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11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
2920 CACHE CREEK														
D	0	3.3	8.0	46.7	320	Y	331	10,940	0.8060	50.310	5	2004-12	09004	1997
V	284	9.0	7.8	46.0	320	Y	413	11,112	0.8120	50.330	1	2001-12	12914	2000
												2017-12	09004	1997
D	0	0.0	0.0	0.0	320	Y	331	10,940	0.8060	48.490	1	2017-12	09004	1997
X					323	Y		10,282			1	2012-12	13899	2001
V	32	5.0	12.1	22.6	322	Y	369	11,314	0.7850		1	2009-12	17845	2005
V	2,374	4.7	8.9	18.6	331	Y	491	12,711	0.8320	42.912	11	2011-12	03367	1996
												2017-12	02423	1969
D		1.0	19.1	16.2	330	Y	656	15,842	0.8320	43.318	8	2017-12	02423	1969
M						Y	654			42.380	2	2014-12	02423	1969
M					332	Y	654	15,803	0.8340	42.740	4	2012-12	02423	1969
M	0	0.9	7.8	27.9	330	Y	655	15,886	0.7990	42.670	2	2012-12	02007	1976
D	0	7.5	8.7	38.3	333	Y	780	13,355	0.7610	38.990	6	2004-12	02423	1969
M	0	7.5	8.7	38.3	333	Y	780	13,355	0.7610	38.756	5	2004-12	02423	1969
V	264	8.0	10.4	58.5	335	Y	806	13,528	0.7340	44.910	1	2010-12	15913	2006
V	259	6.3	9.1	21.4	343	Y	829	21,663	0.7440		0		04410	1978
												2015-12	25047	2009
D	256					Y				44.030	1	2015-12	25047	2009
D		9.1			335	Y	857			52.060	1	2015-12	25994	2010
												2017-12	10012	1996
V	259	2.3	9.4	12.5	338	Y	857	18,079	0.7710	48.615	6	2017-12	17844	2004
V	65	22.6			337	Y	933			49.260	1	2012-12	27127	2011
D	259	0.0	7.7	9.6	337	Y	878	20,395	0.7660	46.260	1	2010-12	10109	1997
D		12.6			336	Y	848			42.400	2	2016-12	10155	1997
												2015-12	10684	1997
D						Y				47.180	1	2015-12		

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Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
2920 CACHE CREEK										
DOIG - G	150	82.0	123	0	121	2	0.750	92	91	1
DOIG - H - REMINGTON PROJECT	SOLN 174	9.6	17	0	17	0	0.730	12	12	0
DOIG - I - BAYTEX PROJECT	SOLN 50	50.0	25	0			0.808	20		
	CAP 70	50.0	35	0	55	5	0.808	28	45	3
TOTAL GAS	120		60	0	55	5		48	45	3
DOIG - J - BAYTEX PROJECT	SOLN 10	43.7	4	0			0.834	4		
	CAP 27	70.0	19	0	20	3	0.834	15	17	2
TOTAL GAS	37		23	0	20	3		19	17	2
DOIG - K	126	90.0	114	0	8	106	0.842	96	7	89
DOIG - L	52	90.0	47	0	19	28	0.837	39	16	23
DOIG - M - BAYTEX PROJECT	SOLN 22	70.0	16	0	13	3	0.820	13	11	2
DOIG - N - BAYTEX PROJECT	SOLN 62	32.0	20	0	19	1	0.766	15	14	1
DOIG - O - BAYTEX PROJECT	SOLN 38	50.0	19	0	13	6	0.763	14	10	4
DOIG - P	132	90.0	119	1	78	41	0.726	87	57	30
DOIG - Q - BAYTEX PROJECT	SOLN 42	90.0	38	0	29	9	0.796	30	23	7
DOIG - R	SOLN 9	50.0	4	0	0	4	0.811	3	0	3
DOIG - S	22	70.0	15	0	13	2	0.815	12	11	1
DOIG - T	SOLN 71	35.0	25	0	18	7	0.836	21	15	6
DOIG - U	62	25.0	16	0	11	5	0.847	13	9	4
DOIG - W	SOLN 20	70.0	14	0	9	5	0.737	10	6	4
DOIG - X	SOLN 70	80.0	56	0	47	9	0.836	47	40	7
DOIG - Y	SOLN 118	20.0	24	0	17	7	0.835	20	14	6
DOIG - Z	SOLN 54	90.0	49	0	40	9	0.779	38	31	7
DOIG	6	90.0	5	0	0	5	0.480	3	0	3
TOTAL FIELD	7,722		6,009	34	4,743	1,266		4,373	3,379	994

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11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
2920 CACHE CREEK														
D	180		9.8	7.1	336	Y	336	16,112	0.7590	48.360	2	2017-12	10664	1997
X	66	19.6			331	Y	860			40.520	1	2010-12	10578	1997
												2015-12	17868	2005
D					338	Y	858	22,074	0.7880	51.890	1	2015-12	17868	2005
												2013-12	17845	2005
D	259				338	Y	863	17,967	0.8030	47.710	1	2013-12	17845	2005
V	264	5.4	5.3	19.5	335	Y	862	19,495	0.7980	47.470	2	2008-12	19618	2005
D		11.3	5.4	15.2	338	Y	867	18,368	0.8030	48.870	1	2014-12	17843	2005
D		7.1			337	Y	856			47.820	1	2016-12	17864	2005
D		14.6			339	Y	872			47.410	1	2016-12	19850	2006
V	66	9.9			336	Y	853			47.140	1	2016-12	20211	2006
V	264	10.1	5.1	14.5	336	Y	840	10,453	0.7770	47.810	1	2006-12	14962	2002
V	66	7.0			319	Y	876			51.780	1	2008-12	20583	2006
V	71	2.1			333	Y	778			50.640	1	2008-12	19898	2005
D	0	0.3	8.5	31.0	338	Y	866	17,862	0.7780	49.120	1	2014-12	21325	2006
V	66	10.5			337	Y	884			48.620	1	2014-12	21027	2006
V	130	5.0	6.9	25.0	336	Y	865	17,450	0.7970	46.880	2	2012-12	21749	2006
V	66	3.0			337	Y	834			70.060	1	2016-12	21146	2007
V		5.3			337	Y	890				1	2015-12	22671	2007
V	66	16.1			337	Y	931			47.060	1	2014-12	22983	2007
V	66	7.3			337	Y	924			47.360	1	2010-12	23261	2007
D					335	Y		19,326			0	2013-12	28235	



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	1	2	3	4	5	6	7	8	9	10
Field / Pool / Project	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
2940 CARIBOU										
TRUTCH CREEK - A	9	80.0	7	0	5	2	0.710	5	3	2
TRUTCH CREEK - B	45	70.0	32	0	5	27	0.757	24	4	20
HALFWAY - A	233	70.0	163	0	95	68	0.764	125	73	52
DEBOLT - A	155	12.0	19	0	17	2	0.821	15	14	1
DEBOLT - B	65	25.0	16	0	0	16	0.824	13	0	13
DEBOLT - C	125	90.0	112	0	62	50	0.819	92	51	41
DEBOLT - D	37	90.0	33	0	22	11	0.825	27	18	9
DEBOLT - E	177	90.0	160	0	27	133	0.824	132	22	110
TOTAL FIELD	846		542	0	233	309		433	185	248

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11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
2940 CARIBOU														
D		2.3	7.9	25.0	339	Y	442	13,426	0.8310	38.390	1	2010-12	23294	2008
V	348	2.1	7.4	33.4	337	Y	401	12,805	0.8580	39.620	1	2011-12	23077	2008
D		7.9	8.0	27.5	339	Y	474	14,201	0.8590	39.708	8	2014-12	23098	2007
V	259	11.3	4.2	25.0	344	Y	1,060	18,023	0.8840		1	2010-12	03569	1975
V	259	5.2	2.9	25.0	344	N	1,048	24,738	0.9180		0	2010-12	03795	1976
D	279		7.4	42.6	355	Y	949	16,942	0.9040	38.463	3	2011-12	19815	2006
D	0	7.5	6.6	23.0	354	Y	978	17,158	0.9030	38.760	1	2009-12	23717	2008
V	280	13.1	4.6	32.0	356	Y	1,076	17,538	0.9060	38.634	2	2011-12	25296	2009

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Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
2960 CECIL LAKE										
GETHING - A	273	10.0	27	0	0	27	0.870	24	0	24
CADOMIN - A	74	85.0	63	0	46	17	0.890	56	41	15
CADOMIN	12	80.0	10	0	9	1	0.884	8	8	0
BALDONNEL - A	133	70.0	93	0	13	80	0.854	80	11	69
SIPHON - A - CNRL PROJECT	SOLN	53	80.0	42	1	34	0.857	36	30	6
SIPHON - B	SOLN	10	70.0	7	0	5	0.866	6	4	2
CECIL - A - CNRL PROJECT		27	70.0	19	0	0	0.818	16	0	16
CECIL - B - SCURRY PROJECT	SOLN	22	49.0	11	0		0.883	10		
	CAP	78	70.0	54	0	65	0.883	48	58	0
TOTAL GAS	100		65	0	65	0		58	58	0
CECIL - D - NCE PROJECT	SOLN	416	10.0	42	12		0.825	34		
	CAP	66	80.0	53	0	29	0.825	44	24	54
TOTAL GAS	482		95	12	29	66		78	24	54
NORTH PINE - A	129	90.0	116	1	91	25	0.851	98	78	20
NORTH PINE - A - SCURRY UNIT #1	SOLN	42	50.0	21	0		0.862	18		
	CAP	806	81.0	653	0	667	0.862	563	575	6
TOTAL GAS	848		674	0	667	7		581	575	6
NORTH PINE - A - SCURRY PROJECT #1	SOLN	5	50.0	2	0		0.831	2		
	CAP	48	90.0	43	0	39	0.831	36	33	5
TOTAL GAS	53		45	0	39	6		38	33	5
NORTH PINE - A - SCURRY PROJECT #2	SOLN	32	80.0	26	1		0.874	22		
	CAP	84	90.0	76	0	92	0.874	66	80	8
TOTAL GAS	116		102	1	92	10		88	80	8
NORTH PINE - A - NCE PROJECT	240	56.0	134	0	133	1	0.877	118	116	2
NORTH PINE - A - CNRL PROJECT	61	90.0	55	0	28	27	0.847	46	24	22
NORTH PINE - B - SCURRY PROJECT #3	SOLN	9	22.3	2	0	2	0.871	2	2	0
NORTH PINE - C - SCURRY PROJECT #4	147	35.0	51	0	0	51	0.875	45	0	45
NORTH PINE - C - NCE PROJECT	SOLN	125	50.0	62	0	53	0.769	48	41	7
NORTH PINE - G	147	10.0	15	0	0	15	0.869	13	0	13
HALFWAY - A	260	2.1	5	0	5	0	0.790	4	4	0
HALFWAY - B	126	90.0	114	0	100	14	0.864	98	87	11

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11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
2960 CECIL LAKE														
V	260	6.8	16.8	20.1	314	N	339	10,110	0.7950	44.620	1	2014-12	08862	1994
V	259	4.0	12.0	35.0	323	Y	378	9,130	0.8750	38.701	2		10209	1996
D					323	Y	389	9,774	0.8650	40.160	1	2009-12	08380	1994
V	259	6.0	12.8	40.3	322	N	490	10,635	0.8360	45.870	1	2015-12	06316	1985
D		1.1			330	Y	563			46.372	9	2017-12	04909	1979
D	130				330	Y	556			40.120	2	2017-12	07675	1991
D						Y				44.470	4	2017-12		
												2014-12	03184	1972
X	130	1.8	27.0	9.8	325	Y	580	12,659	0.8110		1	2014-12	03184	1972
												2017-12	03806	1976
D						Y				46.290	11	2017-12	03806	1976
M	0	1.1	10.6	23.4	327	Y	663	13,381	0.7920	53.380	2		03045	1972
D		1.8	17.7	12.3	327	Y	663	13,381	0.7880		4	2016-12	03045	1972
												2016-12	03045	1972
D	0	0.7	18.0	7.1	327	Y	663	13,381	0.7920	48.590	2		03045	1972
													03045	1972
D	0	1.8	8.3	24.3	327	Y	663	13,381	0.7920		2	2017-12	03045	1972
												2017-12	03045	1972
D		1.2	9.7	17.0	337	Y	641	12,556	0.8190	42.040	2	2017-12	03867	1977
V	259	1.3	14.5	12.8	327	Y	663	13,381	0.8120	47.620	1		03045	1972
V	86	1.7			327	Y	721				1		03462	1974
D		1.3	13.1	10.9	327	Y	713	13,270	0.7930	44.990	2	2017-12	03804	1976
M	129	0.9			327	Y	713				1	2004-12	03804	1976
V	259	2.9	16.1	13.2	326	N	649	13,210	0.8210	42.790	1	2014-12	08771	1994
X	260	7.0	13.5	28.7	331	Y	772	13,596	0.7860		0	2010-12	03184	1972
V	518	3.1	10.5	45.7	331	Y	754	13,550	0.8450	43.258	3	2003-12	04817	1979

Field / Pool / Project	1 Original Gas In Place 10E6 m3	2 Recovery Factor %	3 Initial Reserves (Raw) 10E6 m3	4 Annual Prod (Raw) 10E6 m3	5 Cumul Prod (Raw) 10E6 m3	6 Remaining Reserves (Raw) 10E6 m3	7 Shrink Factor	8 Initial Reserves (Mktble) 10E6 m3	9 Cumul. Prod (Mktble) 10E6 m3	10 Remain'g Reserves (Mktble) 10E6 m3
2960 CECIL LAKE										
HALFWAY - C	73	90.0	65	0	63	2	0.841	55	53	2
LOWER HALFWAY - A	18	80.0	14	0	13	1	0.845	12	11	1
TOTAL FIELD	3,516		1,875	15	1,487	388		1,608	1,280	328
2985 CHINCHAGA RIVER										
BLUESKY - A	146	1.0	1	0	1	0	0.538	1	1	0
BLUESKY-GETHING-DETRITAL - A	1,588	80.0	1,270	6	950	320	0.887	1,126	843	283
BLUESKY-GETHING-DETRITAL - C	127	80.0	102	0	68	34	0.883	90	60	30
BLUESKY-GETHING-DETRITAL - D	242	90.0	218	3	147	71	0.885	193	130	63
HALFWAY - B	10	30.0	3	0	3	0	0.877	3	2	1
LOWER CHARLIE LAKE/MONTNEY - A	3,152	70.0	2,206	24	1,978	228	0.882	1,947	1,746	201
SLAVE POINT - A	950	65.0	618	6	258	360	0.898	555	231	324
SLAVE POINT - B - DEVON PROJECT	611	65.0	397	4	357	40	0.543	216	194	22
SLAVE POINT - C	81	65.0	52	0	40	12	0.543	28	22	6
SLAVE POINT - D	127	65.0	83	0	58	25	0.544	45	31	14
SLAVE POINT - E	265	50.0	132	0	126	6	0.542	72	68	4
TOTAL FIELD	7,299		5,082	43	3,986	1,096		4,276	3,328	948
2990 CHOWADE										
BALDONNEL - A - UPRI PROJECT	1,534	90.0	1,381	0	992	389	0.805	1,111	798	313
TOTAL FIELD	1,534		1,381	0	992	389		1,111	798	313
3200 CLARKE LAKE										
DEBOLT	6	90.0	5	0	2	3	0.756	4	1	3
SLAVE POINT - A	101,000	55.0	55,550	119	52,310	3,240	0.771	42,807	40,310	2,497
SLAVE POINT - B	1,365	20.0	273	1	243	30	0.783	214	190	24
PINE POINT - B	128	70.0	89	0	58	31	0.618	55	36	19
PINE POINT - C	711	30.0	213	0	206	7	0.761	162	157	5
PINE POINT - D	458	25.0	115	0	20	95	0.751	86	15	71
PINE POINT - E	403	46.7	188	0	188	0	0.747	141	140	1
PINE POINT - E - AQUEST PROJECT	173	70.0	121	0	0	121	0.744	90	0	90
TOTAL FIELD	104,244		56,554	120	53,027	3,527		43,559	40,849	2,710

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
2960 CECIL LAKE														
D	130		13.4	33.3	334	Y	758	13,603	0.8440	42.105	2	2009-12	08771	1994
D	0	6.8	13.4	58.1	332	Y	774	13,183	0.8490	40.470	1	2015-12	15763	2003
2985 CHINCHAGA RIVER														
X	280	6.4	19.4	40.4	322	Y	177	7,024	0.8800		1	2012-12	17436	2004
D	0	1.5	17.3	37.6	321	Y	176	6,549	0.8890	42.014	67	2007-12	08568	1994
V	560	2.7	17.6	28.0	321	Y	179	6,670	0.8890		2	2007-12	14604	2001
D	0	1.1	12.0	56.7	325	Y	178	6,630	0.8980	40.920	4	2010-12	17441	2004
V	233	0.6	16.2	28.0	325	Y	204	6,513	0.8880		1	2011-12	03297	1973
D			15.6	50.2	322	Y	172	6,602	0.8840	41.659	132	2017-12	08454	1994
V	1,484	6.3	6.5	29.4	399	Y	1,859	31,947	1.0280	37.630	3		09747	1996
D		26.0	8.0	6.6	374	Y	1,882	31,955	1.0000	39.450	4	2017-12	14838	2002
D		16.1	5.3	56.6	395	Y	1,904	30,382	1.0050	39.990	1	2017-12	14840	2002
D	280	7.0	5.8	19.4	391	Y	1,908	31,317	1.0090		1	2017-12	14841	2002
D	560		4.2	10.9	392	Y	1,883	31,989	1.0150	40.440	2	2017-12	15164	2003
2990 CHOWADE														
D	1,704		6.9	22.1	333	Y	634	16,189	0.8710	37.617	8	2009-12	00120	1955
3200 CLARKE LAKE														
D						Y					1	2012-12	21722	2006
D	0	35.4	7.1	16.2	383	Y	1,524	20,064	0.9440	34.603	74	2007-12	00211	1957
D	0	36.4	7.3	10.5	383	Y	1,587	19,436	0.9380	36.350	4	2001-12	03474	1974
V	179	12.7	4.5	16.0	393	Y	1,831	18,912	0.9200	37.710	1	2002-12	07486	1991
V	90	48.1	12.1	3.8	389	Y	1,771	18,231	0.9440	37.060	1	2006-12	07989	1993
V	90	50.0	7.8	6.8	376	Y	1,806	17,227	0.9300	32.820	1	2006-12	08856	1994
X		29.2	6.3	10.0	392	Y	1,786	23,496	0.9600	32.380	3	2010-12	09163	1995
V		29.2	6.3	10.0	391	Y	1,786	23,496	0.9600			2005-12	09505	1995

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	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
3230 COMMOTION										
PARDONET - A	366	80.0	293	0	236	57	0.787	231	186	45
PARDONET-BALDONNEL - A	929	90.0	836	0	814	22	0.589	492	479	13
PARDONET-BALDONNEL - B	752	90.0	677	0	103	574	0.704	476	72	404
PARDONET-BALDONNEL - E	725	90.0	653	0	3	650	0.651	424	2	422
PARDONET-BALDONNEL - F	414	90.0	373	0	154	219	0.638	238	98	140
BALDONNEL - E	354	90.0	319	0	58	261	0.752	240	44	196
TOTAL FIELD	3,540		3,151	0	1,368	1,783		2,101	881	1,220
3240 CONROY CREEK										
BLUESKY - A	533	90.0	480	4	390	90	0.814	391	317	74
BLUESKY - B	29	80.0	23	0	11	12	0.818	19	9	10
BLUESKY - C	4	80.0	4	0	2	2	0.767	3	1	2
GETHING - A	2,981	80.0	2,385	30	1,355	1,030	0.811	1,935	1,099	836
TOTAL FIELD	3,547		2,892	34	1,758	1,134		2,348	1,426	922
3250 CROW RIVER										
NAHANNI-HEADLESS - A	249	50.0	125	0	1	124	0.827	103	1	102
TOTAL FIELD	249		125	0	1	124		103	1	102
3260 CRUSH										
HALFWAY - A - CNRL UNIT #1	SOLN	92	50.0	46	0		0.886	41		
	CAP	65	90.0	59	0	78	0.886	52	69	24
TOTAL GAS		157		105	0	78		93	69	24
HALFWAY - B - CNRL UNIT #1	SOLN	108	65.0	70	0	68	0.886	62	60	2
HALFWAY - B - PENGROWTH PROJECT		89	80.0	71	0	1	0.886	63	0	63
HALFWAY - C		53	70.0	37	0	36	0.748	28	27	1
TOTAL FIELD		407		283	0	183		246	156	90

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
3230 COMMOTION														
V	293	13.0	4.7	18.0	381	Y	2,567	33,776	1.0100	37.740	2	2005-12	05006	1981
D	0	9.7	3.9	19.6	391	Y	2,458	34,936	0.9470	37.679	2	2007-12	03915	1978
V	293	29.8	3.6	12.0	374	Y	2,431	35,069	0.9810	37.010	1	2005-12	14214	2002
V	293	21.0	5.2	17.0	379	Y	2,513	34,931	0.9600	37.600	1	2008-12	17413	2005
V	293	11.9	5.8	22.0	377	Y	2,523	34,445	0.9890	38.120	1	2007-12	17097	2004
V	293	19.8	3.7	18.0	377	Y	2,459	24,522	0.9200	37.530	1	2008-12	19779	2006
3240 CONROY CREEK														
D	0	1.3	15.2	26.8	333	Y	324	5,626	0.9120	44.280	11	2010-12	09854	1996
V	277	1.9	16.4	39.0	326	Y	336	5,638	0.8990		1		12127	1999
V	277	0.6	10.0	47.0	332	Y	312	5,291	0.9090	42.920	1	2008-12	16911	2004
V	8,738	6.4	12.2	12.8	333	Y	375	5,409	0.9220	43.642	79	2008-12	08544	1994
3250 CROW RIVER														
V	263	49.7	0.8	3.1	440	Y	3,351	40,345	1.0600	37.310	1	2011-12	06987	1989
3260 CRUSH														
M	0	0.8	12.4	25.0	329	Y	427	9,450	0.8620		9		02220	1967
													02096	1967
D	0	1.0			328	Y	428				1	2004-12	02253	1968
M	0	3.4	18.7	7.8	328	Y	416	9,239	0.8930		1	2007-12	02253	1968
D	283		17.0	13.4	328	Y	422	9,509	0.8760	43.020	1	2015-12	05959	1984



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	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
3300 CURRANT										
BLUESKY - B	12	10.0	1	0	1	0	0.829	1	0	1
BLUESKY - C	45	80.0	36	1	33	3	0.746	27	25	2
BLUESKY - D	46	50.0	23	1	21	2	0.746	17	16	1
BLUESKY - E	76	80.0	61	0	48	13	0.748	45	36	9
GETHING - A	229	90.0	206	0	17	189	0.748	154	13	141
GETHING - B	214	90.0	193	2	169	24	0.747	144	126	18
GETHING - C	57	80.0	45	1	29	16	0.747	34	22	12
GETHING - D	53	80.0	42	2	37	5	0.747	32	27	5
GETHING - E	2	90.0	2	0	1	1	0.747	1	1	0
GETHING - F	61	80.0	49	2	41	8	0.747	36	30	6
GETHING	173	90.0	155	3	131	24	0.746	116	98	18
BOUNDARY LAKE - A	20	80.0	16	0	6	10	0.748	12	5	7
HALFWAY - A - CNRL UNIT #1	SOLN	53	50.0	26	0		0.886	23		
	CAP	198	80.0	158	0	153	0.886	140	135	28
TOTAL GAS	251		184	0	153	31		163	135	28
HALFWAY - A - CNRL UNIT #2	SOLN	11	50.0	5	0		0.738	4		
	CAP	487	60.0	292	3	284	0.738	216	209	11
TOTAL GAS	498		297	3	284	13		220	209	11
HALFWAY - B		358	80.0	287	0	283	0.745	213	210	3
HALFWAY - C - APACHE PROJECT	SOLN	15	45.0	7	0		0.745	5		
	CAP	80	65.0	52	0	58	0.745	39	43	1
TOTAL GAS	95		59	0	58	1		44	43	1
HALFWAY - D - CNRL UNIT #1	SOLN	8	90.0	7	0	4	0.887	6	4	2
HALFWAY		72	80.0	58	0	0	0.748	43	0	43
TOTAL FIELD	2,270		1,721	15	1,316	405		1,308	1,000	308



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Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
3300 CURRANT														
V	280	1.5	9.6	67.7	327	Y	317	8,280	0.7570	53.160	1	2014-12	18791	2005
D	852		14.3	37.4	325	Y	284	7,470	0.8810	42.132	3	2009-12	12445	2000
D	494		16.7	27.3	326	Y	289	8,264	0.8740	42.390	3	2009-12	12631	2000
D		0.8	11.0	56.2	326	Y	310	7,617	0.8790	44.800	2	2012-12	01859	2001
V	286	9.0	14.5	26.0	326	Y	309	8,311	0.8730	41.770	1	2001-12	12631	2000
D		4.3	15.5	32.1	325	Y	329	7,448	0.8740	43.694	5	2016-12	12441	2000
D	0	3.5	12.3	29.0	325	Y	324	7,070	0.8770	43.478	2	2011-12	17785	2004
V	568	1.7	12.7	47.5	326	Y	290	8,149	0.8670	42.136	3	2005-12	18725	2005
D		1.0	10.9	63.6	327	Y	336	8,290	0.9050	53.160	1	2017-12	18791	2005
V		1.6	13.0	40.6	326	Y	313	8,357	0.8620	42.594	2	2009-12	19213	2005
D	1,988		15.5	32.1	326	Y	322	7,914	0.8700	42.932	5	2013-12	01320	1999
V	284	0.6	15.0	25.0	327	Y	418	10,115	0.8270	42.460	1	2005-12	17785	2004
D	0	2.6	15.8	16.4	330	Y	474	9,747	0.8620		7	2005-12	01635	1965
V	923	4.1	15.8	16.4	330	Y	474	9,747	0.8620	46.550	4	2014-12	01635	1965
D	0	2.6	17.8	13.6	330	Y	477	9,991	0.8560	47.207	3	2007-12	01607	1965
V	284	1.8	17.9	16.3	322	Y	480	9,541	0.8110	43.240	3	2017-12	07902	1992
V	65	1.3			330	Y	476				1	2013-12	07774	1991
V	284	2.3	12.8	15.0	326	Y	495	10,000	0.8560		0	2010-12	01859	1966



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	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
3320 CURRANT WEST										
BLUESKY - A	54	80.0	44	0	21	23	0.748	33	15	18
GETHING - C - CNRL PROJECT	34	90.0	31	0	28	3	0.748	23	21	2
DUNLEVY - A	20	80.0	16	0	13	3	0.748	12	10	2
DUNLEVY - B	76	90.0	68	1	64	4	0.748	51	48	3
DUNLEVY - C	31	85.0	26	0	21	5	0.747	20	16	4
DUNLEVY - D	48	80.0	39	0	7	32	0.748	29	5	24
BALDONNEL - B	10	80.0	8	0	7	1	0.748	6	6	0
SIPHON	3	90.0	3	0	3	0	0.748	2	2	0
HALFWAY - A	169	61.1	103	0	103	0	0.885	91	91	0
HALFWAY - C	93	90.0	83	1	79	4	0.736	61	58	3
HALFWAY - E	122	19.9	24	0	24	0	0.898	22	22	0
TOTAL FIELD	660		445	2	370	75		350	294	56



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11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
3320 CURRANT WEST														
D		1.6	14.2	37.0	326	Y	340	6,029	0.9010	42.880	1	2012-12	22697	2007
D	284	0.0	16.7	36.7	327	Y	342	8,855	0.8600	43.320	1	2010-12	04869	1979
D	283	0.0	11.8	42.9	325	Y	331	7,846	0.8690	43.010	1	2010-12	07856	1992
D	283	0.0	15.1	35.0	326	Y	324	7,880	0.8650	42.160	1	2010-12	08205	1993
D			11.4	43.0	321	Y	312	5,755	0.8950	43.041	2	2013-12	09312	1999
V	284	3.0	11.0	35.0	326	Y	335	7,969	0.8770		1	2012-12	17201	2004
D	284	0.0	12.1	24.0	327	Y	352	9,448	0.8470	43.500	1	2013-12	07834	1998
D					328	Y		8,873		43.910	1	2012-12	07980	1992
M	0	3.0	15.8	28.4	331	Y	466	9,756	0.8670		1	2012-12	03410	1974
D		5.5	18.6	25.8	330	Y	473	7,581	0.8890	42.800	1	2017-12	08140	1993
X	283	2.8	21.8	26.0	331	Y	473	9,680	0.8720		1	2003-12	07980	1992

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	1	2	3	4	5	6	7	8	9	10
Field / Pool / Project	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
3340 CUTBANK										
DOE CREEK - A - CANHUNTER PROJECT	374	90.0	336	3	323	13	0.886	298	287	11
PADDY - A	153	80.0	122	3	102	20	0.725	89	74	15
PADDY - B	753	90.0	677	11	630	47	0.745	505	469	36
PADDY - D	509	90.0	458	3	220	238	0.896	410	197	213
PADDY - E	136	90.0	123	2	110	13	0.882	108	97	11
PADDY - F	140	50.0	70	0	1	69	0.715	50	1	49
PADDY - G	160	90.0	144	3	115	29	0.744	107	85	22
PADDY - H	563	90.0	506	12	319	187	0.745	377	238	139
PADDY	40	90.0	36	1	25	11	0.886	32	22	10
CADOTTE - B	86	25.0	22	0	0	22	0.901	19	0	19
FALHER B - A	123	30.0	37	0	17	20	0.739	27	13	14
BASAL BLUESKY - A	88	80.0	70	0	70	0	0.907	64	64	0
BASAL BLUESKY - B	170	56.5	96	0	96	0	0.925	89	89	0
BASAL BLUESKY - C	180	90.0	162	0	19	143	0.910	148	17	131
BASAL BLUESKY - D	132	50.0	66	0	37	29	0.918	61	34	27
GETHING - B	88	80.0	70	0	0	70	0.888	62	0	62
NIKANASSIN - A - CANHUNTER PROJECT	272	90.0	245	3	134	111	0.892	218	119	99
NIKANASSIN - B	65	75.0	49	0	0	49	0.949	46	0	46
HALFWAY - A	89	10.0	9	0	0	9	0.805	7	0	7
DOIG - A	66	15.0	10	0	0	10	0.805	8	0	8
DOIG - B	106	15.0	16	0	0	16	0.805	13	0	13
MONTNEY - A	198	80.0	158	0	0	158	0.938	148	0	148
TOTAL FIELD	4,491		3,482	41	2,218	1,264		2,886	1,806	1,080

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11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
3340 CUTBANK														
D	0	1.4	17.2	38.6	323	Y	230	7,468	1.0060		3	2010-12	04057	1977
V	295	4.9	11.0	7.5	339	Y	956	10,775	0.8700	39.670	2	2015-12	13453	2001
D	0	5.8	14.6	12.9	337	Y	871	10,677	0.8720	41.068	3	2009-12	10689	1999
D		3.2	12.1	13.0	341	Y	945	11,147	0.8740	41.230	1	2014-12	13122	2001
V	279	4.0	12.8	8.0	342	Y	986	10,724	0.8600	43.713	2	2012-12	14191	2001
V	295	4.5	11.7	14.0	340	Y	967	10,651	0.8530	44.220	1	2004-12	14576	2002
V	0	4.4	12.8	13.1	337	Y	841	10,593	0.8950	41.199	2	2009-12	16542	2004
V	448	12.5	11.5	10.7	341	Y	922	10,360	0.8830		2	2008-12	16365	2004
D					343	Y	997	10,484	0.8720	41.260	1	2012-12	14269	2002
V	295	5.0	9.0	60.7	343	Y	942	16,206	0.8120		1	2002-12	05315	1980
V	294	3.7	9.6	19.9	345	Y	1,109	14,993	0.8380	44.670	1	2015-12	16364	2003
D		2.3	11.6	13.5	342	Y	1,244	20,172	0.8530		1	2017-12	13120	2000
D	295		13.3	10.6	353	Y	1,329	21,691	0.8950	41.190	1	2017-12	19516	2005
V	295	3.4	12.5	32.0	352	Y	1,391	23,325	0.8920	42.600	1	2008-12	21000	2006
V	147	6.0	12.0	17.0	351	Y	1,302	16,450	0.8850	38.830	1	2008-12	16961	2006
V	295	1.7	10.7	23.5	353	N	1,413	23,136	0.8730	45.150	1	2007-12	19516	2005
D	0	4.2	10.5	44.0	354	Y	1,366	18,564	0.8890		1	2012-12	05330	1980
V	200	3.2	8.8	34.0	364	N	1,666	19,892	0.8900		0		05315	1980
V	295	3.0	5.5	24.0	372	N	2,008	30,124	0.9600		0	2004-12	16012	2003
V	295	3.4	4.2	35.0	373	N	2,055	30,577	0.9640		0	2004-12	16012	2003
V	295	3.4	6.1	26.0	372	N	2,031	29,169	0.9530		0	2004-12	16012	2003
V	295	3.3	8.9	7.5	381	N	2,412	34,098	1.0320	37.800	0	2004-12	13193	2000

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Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
3360 CYPRESS										
BALDONNEL - A - MERIT PROJECT	1,161	60.0	696	0	655	41	0.818	570	536	34
BALDONNEL - B	269	50.0	135	0	113	22	0.815	110	92	18
CHARLIE LAKE - A	90	90.0	81	0	0	81	0.819	66	0	66
KOBES - A	177	90.0	160	0	43	117	0.819	131	36	95
HALFWAY - A	55	50.0	28	0	0	28	0.834	23	0	23
HALFWAY - B	116	90.0	104	0	58	46	0.823	86	47	39
LOWER HALFWAY - A	150	80.0	120	0	111	9	0.828	100	92	8
DEBOLT - A	353	90.0	317	0	281	36	0.828	263	233	30
DEBOLT - B	251	90.0	226	0	191	35	0.811	183	155	28
TOTAL FIELD	2,622		1,867	0	1,452	415		1,532	1,191	341
3380 DAHL										
BLUESKY-GETHING - A	6,669	90.0	6,002	46	5,731	271	0.753	4,518	4,314	204
BLUESKY-GETHING - A - BURLINGTON PROJECT #1	3,095	90.0	2,786	30	2,534	252	0.760	2,118	1,926	192
A MARKER/BASE OF LIME - A	3	68.0	2	0	2	0	0.878	2	2	0
A MARKER/BASE OF LIME	2	79.8	1	0	1	0	0.863	1	1	0
HALFWAY - A	32	50.0	16	0	0	16	0.865	14	0	14
HALFWAY - B	39	90.0	35	0	3	32	0.895	32	3	29
HALFWAY - C	78	90.0	71	0	63	8	0.892	63	56	7
HALFWAY - D	40	90.0	36	0	2	34	0.883	32	2	30
HALFWAY - E	33	80.0	26	0	5	21	0.875	23	5	18
HALFWAY - F	174	90.0	156	0	39	117	0.868	136	34	102
MONTNEY - A	350	90.0	315	10	284	31	0.873	275	248	27
MONTNEY - B	62	75.0	46	0	43	3	0.879	41	38	3
MONTNEY - C	23	90.0	21	0	17	4	0.754	16	13	3
MONTNEY - E	39	90.0	35	0	32	3	0.866	30	28	2
SLAVE POINT - A	1,247	65.0	811	0	436	375	0.883	716	385	331
SLAVE POINT - B	67	80.0	53	0	19	34	0.777	41	15	26
TOTAL FIELD	11,953		10,412	86	9,211	1,201		8,058	7,070	988

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
3360 CYPRESS														
M	0	13.8	6.7	18.8	319	Y	315	13,817	0.8400	36.979	6	2007-12	00737	1961
V	283	9.0	7.4	10.0	325	Y	505	15,508	0.8550	38.100	1	2003-12	07971	1993
V	283	3.0	12.0	25.0	301	N	259	10,300	0.8260			2003-12	15168	2002
V	283	6.8	8.5	12.0	301	Y	231	10,713	0.8210	39.290	1	2006-12	15168	2002
V	282	3.4	6.6	28.9	327	Y	5	12,093	0.8540	40.015	0		03420	1974
V	990	3.0	2.7	27.3	323	Y	628	19,477	0.8620	38.211	4	2013-12	15116	2002
D	0	5.5	10.7	19.9	314	Y	21	11,560	0.8540	40.020	2	2009-12	03420	1974
D	0	46.3	5.3	17.9	378	Y	1,308	23,539	0.9520		1	2010-12	05693	1982
D		47.0	6.9	18.0	343	Y	1,270	23,174	0.9150	37.830	1	2013-12	14873	2003
3380 DAHL														
D					324	Y	213	6,564	0.8850	44.660	122	2016-12	01849	1966
D	0	0.0	0.0	0.0	324	Y	213	6,564	0.8850	43.503	40	2013-12	01849	1966
M		2.8	20.7	24.9	326	Y	253	6,837	0.8790	43.790	1		09169	1995
X					328	Y		22,393	0.8850	44.960	1	2012-12	22393	2007
V	259	1.8	16.4	40.0	326	Y	251	6,943	0.8690		0		04395	1978
V	401	1.6	14.3	32.7	328	Y	209	6,458	0.8800	45.230	1	2005-12	04696	1979
M	0	2.1	11.8	28.8	327	Y	280	7,250	0.8730	41.940	1	2005-12	09204	1995
D		4.0			327	Y				42.980	1	2016-12		
V	117	2.5	23.2	20.0	323	Y	228	6,122	0.8950	43.810	2	2008-12	20961	2006
V	279	5.9	22.9	26.0	327	Y	249	6,379	0.8900	44.810	1	2010-12	17941	2005
V	7,875	1.0	13.4	44.1	328	Y	187	6,119	0.8940	43.745	17	2009-12	11666	1999
D	276		12.9	42.9	324	Y	175	6,564	0.8940	39.510	1	2017-12	17188	2004
D	0	1.4	16.9	47.0	323	Y	200	5,788	0.8870	44.710	1	2010-12	13258	2001
V	0	0.6	14.1	39.8	321	Y	193	6,043	0.8800		1	2008-12	12322	2000
V	1,042	8.9	8.8	34.4	398	Y	1,949	33,941	1.0410	37.102	14	2005-12	10123	1997
V	278	3.5	5.2	38.4	330	Y	1,799	22,000	0.8870	37.410	1	2010-12	15009	2002

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	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
3390 DAIBER										
BLUESKY - A	108	80.0	86	0	80	6	0.809	70	64	6
BLUESKY - B	82	90.0	74	0	0	74	0.935	69	0	69
BLUESKY - C	31	90.0	28	0	25	3	0.814	23	20	3
BALDONNEL - A - RIGEL PROJECT	1,196	55.0	658	0	602	56	0.811	533	488	45
DOIG - A	136	90.0	122	0	63	59	0.809	99	51	48
TOTAL FIELD	1,553		968	0	770	198		794	623	171
3400 DAWSON CREEK										
CADOTTE - A	303	80.0	243	0	231	12	0.713	173	165	8
GETHING	3	90.0	3	0	2	1	0.982	3	2	1
ROCK CREEK - A	54	85.0	46	3	32	14	0.955	44	30	14
TOTAL FIELD	360		292	3	265	27		220	197	23
3410 DESAN										
DUNVEGAN - A	111	9.9	11	0	11	0	0.861	9	9	0
BLUESKY - A	117	85.0	99	2	70	29	0.748	74	52	22
BLUESKY	98	90.0	88	4	77	11	0.780	69	60	9
DETRITAL	81	20.0	16	0	7	9	0.927	15	7	8
DEBOLT - C	47	80.0	38	0	23	15	0.762	29	18	11
DEBOLT - E	74	90.0	66	0	42	24	0.765	51	32	19
DEBOLT - F	52	6.0	3	0	3	0	0.780	2	2	0
DEBOLT - G	29	10.0	3	0	1	2	0.769	2	1	1
PEKISKO - ISH PROJECT	SOLN	73	25.0	18	0	10	0.839	15	8	7
PEKISKO - ISH WATERFLOOD PROJECT	SOLN	300	15.0	45	1	22	0.901	40	20	20
TOTAL FIELD	982		387	7	266	121		306	209	97
3420 DILLY										
SLAVE POINT - A	347	15.0	52	0	49	3	0.759	40	37	3
SLAVE POINT - C	223	50.0	111	0	56	55	0.728	81	41	40
TOTAL FIELD	570		163	0	105	58		121	78	43

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
3390 DAIBER														
D		28.7	11.4	17.0	314	Y	35	6,778	0.9040	39.550	1	2014-12	08352	1993
V	64	16.1	14.8	47.0	330	N	422	10,387	0.8850		0	2009-12	23267	2007
D	283		7.7	31.8	315	Y	43	9,213	0.8690	37.910	1	2010-12	17561	2004
M		11.9	9.0	22.9	328	Y	473	13,912	0.8670	37.440	3	2015-12	00386	1959
D	283		10.5	22.0	339	Y	761	16,709	0.8880	37.520	1	2010-12	00386	1959
3400 DAWSON CREEK														
D			16.0	25.0	310	Y	110	4,778	0.9260		1	2015-12	00302	1957
D					330	Y		12,860	0.8540	40.680	1	2012-12	13064	2001
D		11.3	8.9	35.0	341	Y	935	17,378	0.8430	43.881	2	2017-12	25486	2009
3410 DESAN														
X	87		19.1	35.0	281	Y	441	841	0.9810	37.039	2	2011-12	14894	2002
D	769		16.3	42.8	304	Y	102	3,929	0.9300	37.640	3	2015-12	15238	2003
D					301	Y		3,941	0.9270		2	2009-12	10214	1997
V	264	5.5	18.6	37.6	309	Y	105	4,792	0.9200		1	2010-12	05896	1984
D	1,584		14.3	45.2	302	Y	95	4,035	0.9440	37.741	6	2011-12	05884	1984
D		5.0	12.1	45.8	300	Y	103	3,908	0.9250	37.860	1	2016-12	05993	1984
V	264	2.4	28.3	28.2	304	Y	102	3,387	0.9270	37.710	1	2016-12	06193	2005
V	264	4.8	12.0	45.8	303	Y	97	3,489	0.9360	37.770	1	2014-12	06194	1985
V	676	3.3			317	Y	0				49	2017-12	05804	1983
D		3.3			317	Y	0				70	2017-12	05804	1983
3420 DILLY														
V	379	6.4	11.1	12.8	393	Y	1,556	19,140	0.9370	32.716	2	2006-12	00877	1962
V	87	26.3	8.0	15.0	394	Y	1,528	18,711	0.9430	37.090	1	2006-12	15791	2003

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	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
3425 DOE										
PEACE RIVER - A	285	70.0	200	0	163	37	0.925	185	151	34
BLUESKY - A	268	50.0	134	0	44	90	0.687	92	30	62
BLUESKY - B	188	50.0	94	0	16	78	0.708	66	11	55
GETHING - A	378	80.0	303	0	0	303	0.714	216	0	216
GETHING - B	486	90.0	438	0	52	386	0.683	299	35	264
CADOMIN	4	70.0	3	0	3	0	0.887	2	2	0
BALDONNEL - A	695	90.0	625	0	313	312	0.684	428	214	214
HALFWAY - B	91	80.0	72	0	6	66	0.655	47	4	43
HALFWAY - C	19	70.0	13	0	13	0	0.675	9	9	0
KISKATINAW - A	101	80.0	81	0	50	31	0.907	73	45	28
KISKATINAW - B	28	70.0	20	0	16	4	0.708	14	11	3
KISKATINAW - C	7	25.0	2	0	2	0	0.919	2	1	1
KISKATINAW - F	70	80.0	56	0	0	56	0.713	40	0	40
KISKATINAW	97	90.0	88	0	19	69	0.914	80	18	62
BASAL KISKATINAW - A	1,171	90.0	1,054	30	713	341	0.703	741	501	240
WABAMUN - A	1,888	90.0	1,699	15	1,599	100	0.873	1,482	1,395	87
WABAMUN - B	47	50.0	23	0	18	5	0.681	16	12	4
WABAMUN - C	520	90.0	468	18	190	278	0.689	323	131	192
TOTAL FIELD	6,343		5,373	63	3,217	2,156		4,115	2,570	1,545

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11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
3425 DOE														
D	5,439		20.2	51.7	308	Y	32	4,557	0.9230	38.030	21	2011-12	05075	1979
V	259	6.7	23.1	32.1	318	Y	457	9,591	0.8700		1	2001-12	02995	1971
V	259	8.0	20.7	55.5	317	Y	414	9,563	0.8730	38.280	1		04430	1978
V	265	9.9	17.6	36.0	319	N	597	12,247	0.8530	38.160	0		09934	1996
V	259	11.1	18.5	28.5	315	Y	606	12,058	0.8510	36.630	1		11541	1998
D	259				322	Y	548	11,349	0.8600	38.840	2	2012-12	22907	2007
V	777	5.4	16.1	25.0	331	Y	787	13,679	0.8570	39.869	2	2002-12	02995	1971
V	261	3.4	11.8	47.4	331	Y	1,034	16,448	0.8600	36.100	1	2001-12	11535	1998
D	259		10.1	53.3	335	Y	1,017	16,396	0.8540		1	2010-12	12221	1999
V	259	7.2	3.8	45.4	365	Y	1,852	34,051	1.0150	37.720	1	2012-12	06504	1986
D		8.2	6.7	14.6	359	Y	1,859	23,469	0.9340	38.440	1	2016-12	23841	2008
D	259	0.0	8.3	41.1	357	Y	1,820	25,804	0.9430	38.610	1	2012-12	06677	2004
V	259	2.2	7.4	35.8	348	N	1,777	29,522	0.9370	41.860	0	2004-12	13006	2000
D	0				356	Y	1,755	24,067	0.9360	37.910	1	2012-12	15110	2002
M	777		9.6	24.2	358	Y	1,830	33,396	1.0090	37.797	3	2011-12	22869	2007
D	0	17.3	6.2	21.1	384	Y	2,621	32,965	1.0270	34.894	5	2010-12	04430	1978
D		87.4	2.3	7.9	375	Y	2,701	33,503	1.0520	37.150	1	2014-12	07715	2006
V		13.0	4.5	12.0	393	Y	2,862	55,727	1.2430	37.280	2	2013-12	25562	2009

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	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
3426 DOIG RAPIDS										
NOTIKEWIN - A	37	70.0	26	0	22	4	0.748	20	17	3
NOTIKEWIN	23	80.0	19	0	13	6	0.748	14	10	4
BLUESKY - A	60	80.0	48	0	3	45	0.748	36	2	34
BLUESKY - D	99	85.0	84	0	1	83	0.748	63	1	62
BLUESKY - E	42	80.0	33	0	3	30	0.748	25	2	23
BLUESKY - F	8	80.0	6	0	0	6	0.888	5	0	5
GETHING - A	183	90.0	165	1	82	83	0.746	123	61	62
GETHING - B	84	80.0	67	0	0	67	0.878	59	0	59
GETHING	35	80.0	28	0	17	11	0.748	21	13	8
NORDEGG-BALDONNEL - A	1,202	90.0	1,082	6	708	374	0.747	808	528	280
NORDEGG-BALDONNEL - B	121	90.0	109	0	77	32	0.743	81	57	24
NORDEGG-BALDONNEL - C	203	90.0	183	0	154	29	0.744	136	115	21
NORDEGG-BALDONNEL - D	437	70.0	306	3	272	34	0.747	228	203	25
NORDEGG-BALDONNEL - E	111	80.0	89	2	40	49	0.746	66	30	36
NORDEGG-BALDONNEL - F - CNRL PROJECT	8	50.0	4	0			0.854	3		
	23	80.0	18	0	14	8	0.854	16	12	7
TOTAL GAS	31		22	0	14	8		19	12	7
NORDEGG-BALDONNEL - G	215	90.0	194	0	8	186	0.744	144	6	138
A MARKER/BASE OF LIME - A	42	80.0	34	0	5	29	0.745	25	4	21
HALFWAY - B	37	90.0	33	0	5	28	0.748	25	4	21
HALFWAY - C	117	90.0	105	0	65	40	0.748	79	49	30
HALFWAY - C - CNRL PROJECT	22	90.0	20	0			0.734	15		
	52	90.0	47	0	66	1	0.734	35	48	2
TOTAL GAS	74		67	0	66	1		50	48	2
TOTAL FIELD	3,161		2,700	12	1,555	1,145		2,027	1,162	865

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
3426 DOIG RAPIDS														
V	283	4.2	19.2	63.1	324	Y	1	4,716	0.9310	39.030	3	2015-12	17575	2004
D	1,128				312	Y	5	4,238	0.9300	38.230	4	2009-12	09120	1995
V	282	2.4	16.6	32.8	311	Y	244	7,680	0.8810	41.590	1		09679	1996
V	284	3.2	18.1	30.0	306	Y	253	7,869	0.8530		1	2011-12	10190	1996
V	282	1.5	18.1	27.4	324	Y	246	7,562	0.8860	39.660	1		10343	1997
V	92	0.8			320	N	266			41.380	1	2012-12	18681	2005
V	283	11.2	13.5	51.4	308	Y	264	8,103	0.8500	41.270	3		09303	1995
V	283	2.6	18.4	26.3	322	N	271	8,323	0.8730		1		09512	1996
D	282				323	Y	272	7,207	0.8790	42.500	1	2010-12	20643	2006
D		2.4	0.0	0.0	316	Y	284	8,197	0.8510	41.973	13	2013-12	09351	1995
V	566	2.2	19.8	43.5	316	Y	301	8,335	0.8650	42.600	2		09148	1995
D	0	2.9	17.8	44.3	310	Y	301	8,429	0.8570	41.090	1	2013-12	09357	1995
D	1,006		18.3	36.7	321	Y	297	8,188	0.8760	41.600	6	2009-12	09629	1996
V	377	2.7	21.5	43.8	309	Y	311	8,399	0.8550	39.840	4		10401	1997
V	283	1.0	16.7	42.6	323	Y	307	8,362	0.8710	41.400	1	2003-12	09620	1996
V	283	6.0	21.2	27.1	321	Y	301	8,089	0.8740	41.010	1	2006-12	17028	2004
V	283	1.6	14.5	27.8	321	Y	354	8,666	0.8630		1		09629	1996
V	259	1.2	18.0	19.5	328	Y	376	8,253	0.8710	42.260	1		02603	1970
V	564	1.8	15.4	18.1	325	Y	394	9,034	0.8650	42.820	2	2012-12	08074	1993
D	0	0.0	0.0	0.0	325	Y	406	9,034	0.8650	41.750	1	2008-12	08074	1993



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	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3	
3430 DRAKE											
NOTIKEWIN - A	7,823	90.0	7,041	65	3,775	3,266	0.900	6,337	3,398	2,939	
BLUESKY	102	80.0	81	4	58	23	0.748	61	43	18	
BLUESKY-GETHING - A	323	90.0	291	3	146	145	0.540	157	79	78	
GETHING - A	9	70.0	7	0	0	7	0.876	6	0	6	
DUNLEVY - A	364	90.0	328	3	156	172	0.747	245	117	128	
DUNLEVY - B	1	6.4	0	0	0	0	0.748	0	0	0	
DUNLEVY - C	69	2.6	2	0	2	0	0.735	1	1	0	
DUNLEVY - D	62	80.0	50	0	0	50	0.742	37	0	37	
CHARLIE LAKE - A	17	60.0	10	0	10	0	0.541	6	5	1	
CHARLIE LAKE - B	54	90.0	49	1	30	19	0.539	26	16	10	
A MARKER/BASE OF LIME - A	661	90.0	595	9	385	210	0.844	502	325	177	
A MARKER/BASE OF LIME - B	17	80.0	14	0	9	5	0.543	8	5	3	
A MARKER/BASE OF LIME - C	17	50.0	9	0	3	6	0.536	5	2	3	
HALFWAY - A	50	80.0	40	0	8	32	0.747	30	6	24	
HALFWAY - B	54	90.0	48	0	39	9	0.747	36	29	7	
HALFWAY - D	42	90.0	38	0	2	36	0.748	28	1	27	
HALFWAY - E	19	90.0	17	0	16	1	0.747	13	12	1	
HALFWAY - F	30	78.0	23	0	23	0	0.872	20	20	0	
HALFWAY - G	24	80.0	19	0	17	2	0.539	10	9	1	
TOTAL FIELD	9,738		8,662	85	4,679	3,983		7,528	4,068	3,460	
3440 EAGLE											
GETHING - A	SOLN	25	50.0	12	0	11	1	0.872	11	10	1
NORTH PINE - A	SOLN	14	20.0	3	0	0	3	0.781	2	0	2
HALFWAY		7	50.0	3	0	3	0	0.871	3	2	1
MONTNEY - A		537	20.0	107	0	0	107	0.875	94	0	94
BELLOY-KISKATINAW	SOLN	278	50.0	139	0			0.853	118		
	CAP	110	60.0	66	0	202	3	0.853	56	173	1
TOTAL GAS		388		205	0	202	3		174	173	1
BELLOY-KISKATINAW - HOME EAST EAGLE UNIT #1	SOLN	1,039	80.0	831	6	723	108	0.880	731	636	95
KISKATINAW - B		252	80.0	202	0	0	202	0.860	173	0	173
KISKATINAW - C		195	8.4	16	0	16	0	0.881	14	14	0
TOTAL FIELD		2,457		1,379	6	955	424		1,202	835	367

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
3430 DRAKE														
D		4.6	17.9	37.0	313	Y	31	4,212	0.9350	40.126	327	2014-12	05757	2002
D	280				325	Y	193	3,576	0.9410	42.830	4	2013-12	22676	2007
D	0	1.2	17.8	34.5	325	Y	176	6,725	0.8930	41.720	2	2012-12	16908	2004
V	66	2.8	10.6	25.0	326	Y	203	6,541	0.8900		1	2011-12	21034	2006
D		3.2	13.5	38.5	326	Y	265	7,501	0.8820	42.323	3	2013-12	03749	1976
X	281		17.0	17.0	325	Y	267	7,197	0.8930		1	2010-12	08396	1994
X	281	2.5	16.9	19.0	324	Y	270	7,200	0.8860		1	2010-12	08407	1994
V	290	3.2	15.2	37.8	323	Y	278	7,124	0.8810	41.283	2	2010-12	08541	1994
D		5.0	13.0	46.4	325	Y	190	6,819	0.8930	41.750	2	2016-12	19825	2006
D	840		9.4	44.9	326	Y	188	6,770	0.8910	42.270	3	2012-12	18358	
D			18.4	27.9	325	Y	266	7,570	0.8830	42.935	7	2013-12	03141	1972
V	281	0.8	15.6	26.0	326	Y	208	6,914	0.8960		1	2012-12	18412	2005
D		4.1	14.7	25.4	325	Y	214	6,733	0.8920	42.040	1	2012-12	19851	2006
V	281	1.2	21.5	12.1	329	Y	289	7,494	0.8260	42.530	1	2010-12	03513	1974
D	280		15.0	17.8	328	Y	276	6,615	0.8950	42.150	3	2014-12	05799	1982
V	281	1.1	20.7	13.0	329	Y	297	7,797	0.8880		1	2010-12	08396	1994
V	281	1.4	11.0	40.0	324	Y	282	7,438	0.8830	42.430	1	2010-12	08628	1994
V	290	1.1	15.2	18.0	325	Y	282	7,571	0.8860	41.430	1	2017-12	08592	1994
M	0	2.5	16.6	18.4	326	Y	235	6,973	0.8960	42.370	1	2012-12	18049	2005
3440 EAGLE														
V	65	4.8			319	Y	320			44.100	1	2015-12	06334	1985
V	195	1.3			326	Y	657				2	2017-12	04027	1977
D	259				331	Y	765	12,943	0.8720	40.190	1	2011-12	16091	2003
V	277	31.0	5.0	20.0	339	Y	938	15,573	0.8350		1	2012-12	05016	2008
V	498	3.4	9.3	55.7	341	Y	1,175	15,970	0.8460	50.200	18	2017-12	03202	1979
D		6.8			344	Y	1,175			45.610	55	2017-12	03202	1979
V	259	5.7	11.4	3.4	344	Y	1,193	16,467	0.8780				10752	1997
X	259	6.5	8.9	25.1	346	Y	1,200	17,476	0.8280	43.850	2	2010-12	05967	1984

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Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
3445 EAGLE WEST										
CECIL - A	70	90.0	63	0	59	4	0.861	54	51	3
NORTH PINE - B	35	80.0	28	0	1	27	0.871	24	1	23
NORTH PINE - C	80	80.0	64	0	0	64	0.871	56	0	56
HALFWAY - A	62	90.0	56	0	2	54	0.861	48	1	47
HALFWAY - B	52	90.0	47	0	0	47	0.854	40	0	40
MONTNEY - A	SOLN 44	80.0	35	0	29	6	0.844	30	25	5
BELLOY - A	SOLN 328	36.0	118	0	114	4	0.885	104	101	3
BELLOY - A - SCURRY WEST EAGLE UNIT #1	SOLN 1,991	45.0	896	1			0.870	780		
	CAP 114	60.0	68	0	939	25	0.870	59	817	22
TOTAL GAS	2,105		964	1	939	25		839	817	22
BELLOY - A - HOME PROJECT	SOLN 129	75.0	96	1			0.888	86		
	CAP 53	90.0	47	0	133	10	0.888	42	119	9
TOTAL GAS	182		143	1	133	10		128	119	9
BELLOY - A - HOME PROJECT	SOLN 85	50.0	42	0	0	42	0.853	36	0	36
BELLOY - A - ANDERSON GASCAP PROJECT	274	65.0	178	0	173	5	0.885	158	153	5
BELLOY - B	84	37.1	31	0	31	0	0.870	27	27	0
BELLOY - C - DEVON PROJECT	SOLN 89	75.0	67	0	59	8	0.872	58	51	7
BELLOY - D	SOLN 97	70.0	68	2	47	21	0.871	59	41	18
KISKATINAW - A	135	25.0	34	0	0	34	0.909	31	0	31
KISKATINAW - B	8	67.3	5	0	5	0	0.909	5	5	0
KISKATINAW - D	175	90.0	157	0	146	11	0.910	143	133	10
KISKATINAW - F	240	1.4	3	0	3	0	0.909	3	3	0
KISKATINAW	14	50.0	7	0	7	0	0.916	6	6	0
TOTAL FIELD	4,159		2,110	4	1,748	362		1,849	1,534	315

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11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
3445 EAGLE WEST														
M	0	1.8	10.2	28.5	325	Y	576	12,700	0.8120		1	2012-12	02543	1969
V	259	1.6	10.7	14.9	332	Y	666	9,190	0.8510		1		06298	1985
V	259	1.8	11.8	14.2	322	N	667	15,636	0.8140				11373	1999
V	259	2.5	12.5	46.1	323	Y	785	13,245	0.8210	39.240	1		08850	1994
V	238	2.8	10.6	47.4	320	Y	771	13,143	0.8370	37.782	2		08849	1994
D	133	3.0			344	Y	1,084			47.870	2	2017-12	06860	1988
D		3.1			346	Y	1,150			42.710	19	2017-12	04682	1979
												2017-12	04682	1979
V	259	3.0	11.3	20.8	346	Y	1,152	16,800	0.8450	43.946	97	2017-12	04682	1979
												2017-12	04682	1979
V	125	3.2	11.0	26.9	346	Y	1,153	16,800	0.8450	40.600	3	2017-12	04682	1979
D	0	0.0			346	Y	1,153						04682	1979
V	259	5.8	13.2	15.3	346	Y	1,149	16,800	0.8450	42.074	1	2017-12	04682	1979
V	234	2.8	12.2	34.5	346	Y	1,171	16,829	0.8610	39.650	1		04659	1979
D		3.8			344	Y	881				2	2017-12	07476	1990
D	195	4.0			339	Y	1,162			43.783	4	2017-12	11373	1999
V	274	5.8	7.5	29.0	344	N	1,190	16,789	0.8700		0		05483	1980
M	0	3.6	8.5	19.4	346	Y	1,191	16,997	0.8770		1	2012-12	04808	1979
D	259		6.5	38.2	345	Y	1,198	16,792	0.8850	39.220	1	2011-12	04682	1993
X	259	8.2	9.4	23.2	344	Y	1,172	16,552	0.8750		0	2010-12	03382	1973
D					345	Y	1,183	7,316	0.9220	38.930	1	2009-12	04470	1978

**Pool Reserve Report - Gas
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Field / Pool / Project	1 Original Gas In Place 10E6 m3	2 Recovery Factor %	3 Initial Reserves (Raw) 10E6 m3	4 Annual Prod (Raw) 10E6 m3	5 Cumul Prod (Raw) 10E6 m3	6 Remaining Reserves (Raw) 10E6 m3	7 Shrink Factor	8 Initial Reserves (Mktble) 10E6 m3	9 Cumul. Prod (Mktble) 10E6 m3	10 Remain'g Reserves (Mktble) 10E6 m3
3450 EKWAN										
BLUESKY - A	262	80.0	210	6	142	68	0.849	178	121	57
DEBOLT - B	324	32.4	105	0	105	0	0.833	87	87	0
DEBOLT - C	54	10.6	6	0	6	0	0.827	5	5	0
DEBOLT	226	50.0	113	0	103	10	0.824	93	85	8
ELKTON - A	483	90.0	435	11	216	219	0.849	369	184	185
BANFF - A	34	50.0	17	0	16	1	0.862	15	13	2
KAKISA - A	1,180	90.0	1,062	19	725	337	0.853	905	619	286
KAKISA - E	56	90.0	51	1	24	27	0.847	43	20	23
KAKISA - F	291	90.0	262	3	79	183	0.856	224	68	156
KAKISA - G	10	70.0	7	0	5	2	0.832	6	4	2
JEAN MARIE - A	1,422	80.0	1,138	37	976	162	0.837	952	817	135
JEAN MARIE - B	4	80.0	3	0	1	2	0.847	3	1	2
JEAN MARIE - C	407	90.0	366	9	185	181	0.854	313	158	155
JEAN MARIE - D	72	85.0	61	0	0	61	0.851	52	0	52
JEAN MARIE	136	90.0	123	4	76	47	0.847	104	65	39
SLAVE POINT - A	317	7.1	23	0	23	0	0.746	17	17	0
SLAVE POINT - B	111	34.0	38	0	38	0	0.824	31	31	0
SLAVE POINT - C	192	65.0	125	0	1	124	0.738	92	1	91
SLAVE POINT - D	326	65.0	212	0	0	212	0.763	162	0	162
TOTAL FIELD	5,907		4,357	90	2,721	1,636		3,651	2,296	1,355
3453 ELBOW CREEK										
DEBOLT - A	181	25.0	45	0	0	45	0.787	36	0	36
DEBOLT - B	453	90.0	408	0	281	127	0.767	313	216	97
DEBOLT - C	955	50.0	478	0	380	98	0.789	377	300	77
TOTAL FIELD	1,589		931	0	661	270		726	516	210
3455 ELLEH										
BANFF	14	70.0	10	0	9	1	0.860	8	7	1
JEAN MARIE - B	4,623	90.0	4,160	101	3,030	1,130	0.834	3,468	2,526	942
JEAN MARIE - D	29	70.0	20	0	18	2	0.838	17	15	2
SLAVE POINT - A	183	75.0	137	0	0	137	0.802	110	0	110
PINE POINT - A	43	90.0	38	0	31	7	0.752	29	23	6
TOTAL FIELD	4,892		4,365	101	3,088	1,277		3,632	2,571	1,061

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
3450 EKWAN														
V	2,557	2.3	19.0	41.7	301	Y	10	3,901	0.9160	40.878	9	2009-12	15263	2003
M	0	2.4	10.2	27.4	307	Y	76	6,020	0.8900	39.880	1	2008-12	15829	2003
V	270	3.5	12.6	22.3	306	Y	69	5,575	0.8940		1	2010-12	12633	2000
D	1,080		15.5	21.7	306	Y	61	5,947	0.8910	39.665	5	2009-12		
V	3,370	4.2	12.7	33.2	301	Y	18	3,901	0.9160	40.805	12	2006-12	15941	2003
D	100		16.5	23.9	294	Y	171	4,840	0.8850	41.200	1	2017-12	00897	1962
D	3,194	0.0	6.2	33.5	357	Y	714	6,784	0.9140	44.552	18	2010-12	04688	1979
V	410	4.6	6.1	25.0	334	Y	675	6,994	0.9100	39.120	1	2002-12	12508	2000
V	1,911	6.2	5.6	32.6	322	Y	623	6,477	0.8780		4	2007-12	17144	2004
D	269		7.2	25.6	328	Y	629	6,873	0.9120		2	2014-12	20109	2006
D	18,829	0.0	6.2	22.2	335	Y	840	8,036	0.8990	38.717	43	2010-12	09199	1995
V	272	0.7	3.9	14.0	351	Y	978	7,134	0.9250		1	2003-12	12642	2000
D	4,442	2.1	4.0	35.4	334	Y	756	9,253	0.8680	40.800	13	2017-12	15263	2003
V	379	3.4	8.8	7.5	337	N	783	7,414	0.9090	41.554	0	2009-12	16974	2004
D	1,076				333	Y		7,739	0.9030		4	2010-12	17143	2004
X	86	44.5	6.7	17.2	376	Y	1,407	18,009	0.9130	37.430	1	2014-12	03933	1977
X	86	17.1	6.6	17.4	382	Y	1,389	17,327	0.9280		1		04230	1978
V	269	3.0	20.0	15.0	373	Y	1,356	16,857	0.9190	37.080	1	2006-12	17289	2004
V	269	5.0	20.0	15.0	368	Y	1,351	16,955	0.9190	36.800	0	2005-12	17290	2005
3453 ELBOW CREEK														
V	200	13.8	7.0	43.0	362	N	1,109	19,262	0.9200		0	2010-12	06506	1986
D	0	16.5	4.0	18.0	353	Y	1,260	21,356	0.9180	37.800	1	2010-12	08885	1995
M	281		5.0	14.5	339	Y	985	16,538	0.8870	37.800	1	2010-12	16868	2004
3455 ELLEH														
D	271				323	Y	0	6,460	0.8870	43.300	1	2013-12	14629	2002
D			7.7	36.1	353	Y	1,111	12,411	0.9070	38.235	139	2015-12	13819	2001
D	542		4.5	34.4	322	Y	1,067	10,840	0.8680	38.250	2	2010-12	20432	2006
V	200	6.8	10.1	11.0	376	N	1,525	18,009	0.9100		0		05527	1981
D		48.0	9.0	13.0	387	Y	1,769	21,827	0.9490		1	2014-12	15156	2003

Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
3457 ELLEH NORTH										
SLAVE POINT - A	629	80.0	503	0	107	396	0.768	386	82	304
SLAVE POINT - B	112	5.5	6	0	6	0	0.785	5	5	0
TOTAL FIELD	741		509	0	113	396		391	87	304
3460 ELM										
BLUESKY - A	21	90.0	19	0	13	6	0.878	17	12	5
GETHING - B - PENGROWTH PROJECT	SOLN	192	18.0	35	0		0.835	29		
	CAP	77	70.0	54	0	87	0.835	45	72	2
TOTAL GAS	269		89	0	87	2		74	72	2
GETHING - E	89	60.0	53	0	49	4	0.878	47	43	4
GETHING - F	SOLN	174	50.0	87	0	1	0.838	73	1	72
GETHING - G	103	85.0	88	0	35	53	0.873	77	31	46
GETHING	3	80.0	2	0	0	2	0.879	2	0	2
A MARKER/BASE OF LIME	2	75.0	1	0	1	0	0.868	1	1	0
HALFWAY - A - MURPHY PROJECT #1	SOLN	47	30.0	14	0		0.856	12		
	CAP	302	90.0	272	0	276	0.856	233	236	9
TOTAL GAS	349		286	0	276	10		245	236	9
HALFWAY - C - ENCAL PROJECT	SOLN	39	90.0	35	0		0.824	29		
	CAP	29	90.0	26	0	53	0.824	21	43	7
TOTAL GAS	68		61	0	53	8		50	43	7
HALFWAY - E	97	80.0	77	0	2	75	0.889	69	1	68
HALFWAY - F	109	85.0	93	0	5	88	0.879	82	4	78
HALFWAY - G	106	50.0	53	0	8	45	0.883	47	7	40
TOTAL FIELD	1,390		909	0	530	379		784	451	333
3465 ESKAI										
JEAN MARIE - A	2,562	30.0	769	15	489	280	0.847	651	414	237
TOTAL FIELD	2,562		769	15	489	280		651	414	237
3480 EVIE BANK										
PINE POINT - A	154	10.0	15	0	3	12	0.756	12	3	9
TOTAL FIELD	154		15	0	3	12		12	3	9

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
3457 ELLEH NORTH														
V	269	25.0	8.0	15.0	385	Y	1,461	17,994	0.9670	36.470	2		04343	1978
X	259	4.0	8.4	14.6	378	Y	1,510	18,860	0.9400		1	2002-12	04699	1979
3460 ELM														
V	259	2.1	10.2	41.1	331	Y	242	6,767	0.8960	43.660	2	2002-12	05486	1981
V	333	3.5	12.8	29.4	332	Y	331	7,449	0.8720	45.921	21	2015-12	09671	1996
D		9.0	14.5	29.6	331	Y	327	7,825	0.8750	43.530	1	2015-12	11394	1998
V	70	12.3			330	Y	330			48.680	1	2014-12	11711	1999
V	280	3.5	15.4	13.4	324	Y	314	7,782	0.8650	44.060	1		09818	1998
D					325	Y	255	6,937		43.530	0	2013-12	09503	1997
D					327	Y		6,780			1	2012-12	08385	1994
D	663	2.9	21.4	19.5	326	Y	323	7,961	0.8680	47.127	5	2016-12	02856	1971
D	0	3.0	24.2	22.6	329	Y	340	8,188	0.8550	49.390	1	2011-12	06471	1986
V	279	2.8	20.6	18.4	325	Y	285	7,359	0.8760	42.270	1		09188	1995
V	280	4.7	14.8	21.2	331	Y	322	7,278	0.8780	43.210	1		09257	1995
V	279	2.8	20.4	16.6	326	Y	304	7,676	0.8430	43.210	1		09503	1996
3465 ESKAI														
V	6,028	6.2	6.5	32.3	353	Y	1,241	17,424	0.9010	40.332	35	2009-12	15420	2003
3480 EVIE BANK														
V	89	35.0	4.0	15.0	393	Y	1,549	19,021	0.9450	33.520	1	2009-12	09032	2000



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	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
3490 FEDERAL										
DEBOLT - A	535	90.0	481	0	472	9	0.893	430	422	8
DEBOLT - B	380	25.0	95	0	0	95	0.880	84	0	84
DEBOLT - C	2,743	90.0	2,468	0	901	1,567	0.908	2,242	818	1,424
TOTAL FIELD	3,658		3,044	0	1,373	1,671		2,756	1,240	1,516
3510 FARRELL CREEK WEST										
GETHING - A	88	10.0	9	0	3	6	0.852	7	2	5
TOTAL FIELD	88		9	0	3	6		7	2	5
3520 FIREBIRD										
BLUESKY - A	455	90.0	410	7	379	31	0.873	358	331	27
BLUESKY - F - PENN WEST PROJECT	SOLN	5	90.0	5	0	3	0.862	4	3	1
BLUESKY - H	102	90.0	92	2	85	7	0.859	79	73	6
GETHING - B	16	92.5	14	0	14	0	0.865	12	12	0
GETHING - C	3	90.0	3	0	2	1	0.585	2	1	1
GETHING	13	80.0	10	0	5	5	0.876	9	4	5
TOTAL FIELD	594		534	9	488	46		464	424	40



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Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
3490 FEDERAL														
D	0	30.0	2.0	25.0	330	Y		28,500	0.8890	37.540	1	2014-12	09940	1997
V	287	30.0	2.0	10.0	330	Y	1,570	25,824	0.9070		0	2007-12	13292	2001
D	287	0.0	2.5	10.0	341	Y	1,307	30,704	0.9650	37.910	1	2010-12	20411	2007
3510 FARRELL CREEK WEST														
D	682				309	Y	107	12,562	0.9180	18.040	7	2010-12	20521	2005
3520 FIREBIRD														
V	3,942	1.4	14.7	26.2	326	Y	280	7,699	0.8830	18.228	9	2012-12	05199	1980
V	70	2.0			317	Y	301			44.840	1	2013-12	08023	1993
D		1.2	11.1	38.7	322	Y	295	7,297	0.8730	43.595	3	2011-12	11069	1998
M	0	4.3	16.5	36.0	322	Y	312	7,681	0.8650	42.165	1		00707	1961
D						Y				45.340	1	2017-12		
D	281				321	Y	325	7,266	0.8680	43.480	1	2010-12	15869	2005

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	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
3540 FIREWEED										
BLUESKY - A	347	90.0	312	0	289	23	0.854	267	247	20
BLUESKY - B	922	90.0	830	8	629	201	0.860	713	541	172
BLUESKY	6	90.0	5	0	5	0	0.848	4	4	0
DUNLEVY - A	SOLN	2	50.0	1	0		0.859	1		
	CAP	2,000	90.0	1,800	5	1,360	0.859	1,546	1,169	378
TOTAL GAS	2,002		1,801	5	1,360	441		1,547	1,169	378
DUNLEVY - B	682	85.0	580	0	533	47	0.862	499	459	40
DUNLEVY - C	417	80.0	334	0	318	16	0.865	289	275	14
DUNLEVY - D	SOLN	21	50.0	10	0		0.850	9		
	CAP	974	90.0	876	4	844	0.850	745	716	38
TOTAL GAS	995		886	4	844	42		754	716	38
DUNLEVY - H	893	90.0	804	4	474	330	0.863	694	409	285
DUNLEVY - H - CNRL PROJECT	358	90.0	322	1	298	24	0.856	275	255	20
DUNLEVY - L - CREW ENERGY PROJECT	SOLN	41	50.0	20	0	7	0.400	8	3	5
DUNLEVY - M	40	95.0	38	0	37	1	0.879	33	32	1
DUNLEVY - O	53	50.0	26	0	2	24	0.875	23	2	21
DUNLEVY - P	72	50.0	36	0	3	33	0.880	32	2	30
BALDONNEL - A	134	11.9	16	0	16	0	0.859	14	14	0
BALDONNEL - B	68	3.5	2	0	2	0	0.862	2	2	0
BALDONNEL - E	363	90.0	327	0	309	18	0.852	278	264	14
BALDONNEL - E - SAMSON PROJECT	64	90.0	58	1	55	3	0.845	49	47	2
BALDONNEL - G	93	90.0	84	0	13	71	0.840	70	11	59
BALDONNEL	48	80.0	39	0	35	4	0.837	32	29	3
INGA - A	188	50.0	94	2	68	26	0.835	79	56	23
INGA - B	90	90.0	81	2	61	20	0.889	72	54	18
HALFWAY - A	217	90.0	195	0	185	10	0.830	162	153	9
HALFWAY - B	223	90.0	200	0	6	194	0.776	155	5	150
LOWER HALFWAY - A - CNRL PROJECT	SOLN	327	50.0	164	11	107	0.809	132	86	46
LOWER HALFWAY - B	43	80.0	34	0	24	10	0.826	28	20	8
DOIG - A - SAMSON PROJECT	SOLN	17	50.0	9	0	3	0.854	7	2	5
DOIG - B - PETRO-CAN PROJECT	SOLN	6	50.0	3	0	1	0.877	3	1	2
DOIG - C	1,938	90.0	1,745	37	1,130	615	0.824	1,438	931	507
DEBOLT - A	199	3.5	7	0	7	0	0.906	6	6	0

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
3540 FIREWEED														
M	0	2.9	10.4	33.5	326	Y	340	9,168	0.8400	45.833	3	2006-12	03071	1972
D	0	2.0	13.5	23.5	326	Y	340	9,062	0.8360	45.723	9	2005-12	04150	1978
D	0				326	Y	354	9,062	0.8430	44.600	1	2010-12	08204	1998
												2002-12	07123	1997
M	0	7.3	8.0	34.9	329	Y	393	9,225	0.8510	44.485	16	2002-12	02993	1971
M	0	2.9	10.1	18.8	328	Y	387	9,115	0.8480		2	2004-12	01201	1962
M	0	5.1	11.8	32.0	329	Y	386	9,280	0.8630		1	2012-12	00497	1959
												2002-12	00455	1959
D	0	9.4	8.9	35.7	329	Y	400	9,177	0.8620	44.191	8	2002-12	00455	1959
M	0	6.8	9.2	27.3	329	Y	400	9,484	0.8300	43.560	9	2004-12	04484	1978
D					329	Y	391	9,484	0.8300	42.770	1	2004-12	04484	1978
V	147	3.7			329	Y	411			42.957	2	2015-12	04503	1978
D	0	1.6	9.4	40.3	330	Y	411	9,164	0.8510		1	2006-12	03240	1973
V	283	3.5	9.4	40.3	330	Y	436	9,509	0.8614	41.150	1	2009-12	12787	2000
V	283	5.0	9.4	40.3	331	Y	417	9,150	0.8670		1	2009-12	23208	2007
X	860	2.2	9.4	35.4	332	Y	478	11,473	0.8410		1	2002-12	01384	1963
X	259	4.3	7.9	31.9	339	Y	478	11,473	0.8490		1	2010-12	03926	1977
M	0	5.9	8.2	32.1	330	Y	488	11,590	0.8340	42.438	5	2004-12	07123	1989
M					330	Y	488			43.500	2	2005-12	07123	1989
V	283	5.0	9.0	35.0	332	Y	474	11,121	0.8480	42.480	1	2009-12	14349	2008
D					332	Y	478	11,837	0.8410	41.660	3	2009-12	11462	2002
V	284	2.0	23.5	8.6	333	Y	640	15,282	0.8450	42.360	1	2003-12	07123	1989
D	284		6.8	19.0	332	Y	646	14,422	0.8450	42.510	1	2017-12	20945	2006
D	0	6.7	12.1	30.5	343	Y	734	12,827	0.8050	44.390	3	2007-12	00507	1960
V	283	10.4	10.1	39.0	336	Y	735	11,991	0.8270	44.730	1	2005-12	10630	1998
D	994	15.3			337	Y	727			45.142	21	2017-12	09767	1996
D		11.8	7.2	26.7	336	Y	753	13,138	0.8050	46.282	4	2014-12	18733	2005
M	0	15.5			344	Y	823			45.784	2	2004-12	04369	1978
M	0	5.6			344	Y	823				0		04454	1978
V	2,574	7.2	5.4	15.2	334	Y	762	21,032	0.7840	45.916	34	2007-12	12963	2000
X	259	15.5	4.0	23.0	347	Y	1,085	17,044	0.8700		1	2002-12	00507	1960



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	1	2	3	4	5	6	7	8	9	10
Field / Pool / Project	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
3540 FIREWEED										
DEBOLT - B	15	35.0	5	0	4	1	0.906	5	4	1
TOTAL FIELD	10,861		9,057	75	6,825	2,232		7,670	5,799	1,871



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11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
3540 FIREWEED														
M	0	3.4	5.6	25.2	347	Y	1,081	17,030	0.8700	39.229	1		02993	1971

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	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3	
3560 FLATROCK											
GETHING - A	61	90.0	55	0	3	52	0.894	49	3	46	
GETHING - B	141	90.0	127	0	4	123	0.885	113	4	109	
GETHING - C	359	90.0	324	5	254	70	0.805	260	204	56	
CADOMIN - A	2	70.0	1	0	1	0	0.879	1	1	0	
CADOMIN - B	1	75.0	1	0	1	0	0.805	1	1	0	
DUNLEVY - A	109	60.0	65	0	0	65	0.906	59	0	59	
DUNLEVY	137	90.0	123	0	69	54	0.881	109	61	48	
SIPHON - A	170	85.0	145	0	132	13	0.802	116	105	11	
SIPHON - B	104	24.7	26	0	26	0	0.882	23	23	0	
FLATROCK - B	SOLN	19	50.0	9	0	8	1	0.852	8	7	1
BOUNDARY LAKE - B	SOLN	55	85.0	47	0	45	2	0.870	41	39	2
BOUNDARY LAKE	8	90.0	8	0	6	2	0.925	7	5	2	
HALFWAY - A	167	90.0	150	0	138	12	0.874	131	120	11	
HALFWAY - B	126	85.0	107	0	103	4	0.830	89	86	3	
HALFWAY - D	67	85.0	57	0	36	21	0.809	46	29	17	
HALFWAY - E - ENCAL PROJECT	SOLN	121	30.0	36	0		0.859	31			
	CAP	734	80.0	587	0	623	0	0.859	504	534	1
TOTAL GAS	855		623	0	623	0		535	534	1	
HALFWAY - G	SOLN	24	10.0	2	0		0.869	2			
	CAP	537	90.0	483	0	459	26	0.869	420	398	24
TOTAL GAS	561		485	0	459	26		422	398	24	
HALFWAY - H	27	90.0	24	0	20	4	0.880	21	17	4	
HALFWAY - J	220	90.0	198	0	190	8	0.872	173	166	7	
HALFWAY - J - CDN FOREST PROJECT	SOLN	35	45.0	16	0		0.857	13			
	CAP	163	45.0	73	0	86	3	0.857	63	74	2
TOTAL GAS	198		89	0	86	3		76	74	2	
HALFWAY - K	85	49.0	42	0	41	1	0.874	36	36	0	
HALFWAY - M	249	17.1	43	0	42	1	0.837	36	35	1	
HALFWAY - N	22	80.0	17	0	15	2	0.876	15	14	1	
HALFWAY - O	SOLN	5	90.0	4	0	3	1	0.854	4	2	2
MONTNEY - A	207	50.0	103	0	0	103	0.854	88	0	88	

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
3560 FLATROCK														
V	259	2.0	15.8	28.7	325	Y	390	10,139	0.8510		1	2005-12	05337	1980
V	259	4.3	17.9	17.8	321	Y	292	8,504	0.8730	40.390	1		09912	1997
V	518	7.5	13.4	32.4	327	Y	388	10,030	0.8540	41.280	3	2003-12	05148	1980
D	259	23.0	20.0	21.6	322	N	407	10,108	0.8620	40.570	1	2014-12	09912	1997
X	338	7.9	17.6	45.9	324	Y	436	10,234	0.8670	39.670	2	2014-12	10524	1997
V	150	5.0	18.9	27.0	326	N	415	10,158	0.8400		0		05337	1980
D					321	Y	375	9,245	0.8660	40.100	1	2012-12	04190	1997
M	0	3.4	11.4	37.6	326	Y	556	11,445	0.8500		2		01954	1966
M	0	4.6	16.2	26.0	328	Y	559	11,445	0.8160	40.330	1		02912	1977
D		1.5			328	Y	627			46.180	2	2016-12	07729	1991
D	162				329	Y	615			44.290	3	2017-12	04632	1979
D			31.0	6.8	328	Y	602	10,571	0.8500	38.120	1	2009-12	03304	1973
M	0	4.6	20.7	17.1	333	Y	774	13,452	0.8360		1		02516	1969
M	0	6.4	10.1	26.2	333	Y	740	13,376	0.8330		1	2012-12	02760	1970
V	259	2.5	11.3	21.7	338	Y	765	12,103	0.8750	40.510	1	2001-12	04632	1979
												2016-12	03221	1972
D		3.7	13.1	29.2	333	Y	767	13,339	0.7740	42.220	10	2016-12	03221	1972
												2014-12		
D	0	0.0	11.8	30.3	333	Y	758	13,341	0.8240	42.120	3	2014-12	02827	1971
D	259	0.0	10.4	37.2	333	Y	720	12,862	0.8390	41.540	1	2010-12	05354	1980
D	0	3.0	15.5	15.0	338	Y	762	11,370	0.8540	41.680	1		07766	1991
												2017-12	07766	1991
V	424	2.6	15.5	15.0	338	Y	762	11,370	0.8540	42.058	3	2017-12	07766	1991
V	337	2.3	10.6	16.4	337	Y	737	12,376	0.8450	41.240	1		06688	1987
X	259	4.4	18.5	11.1	331	Y	705	12,930	0.8370	42.880	1	2003-12	08034	1993
D	259	2.5	18.5	11.1	333	Y	718	12,468	0.8429	42.730	1	2017-12	19381	2005
D		6.1			334	Y	720			43.700	2	2016-12	26769	2011
V	262	2.4	16.7	6.8	328	N	997	19,130	0.7860	46.580	0	2012-12	11441	1998



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	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
3560 FLATROCK										
BELLOY - A - INISFAIL PROJECT	SOLN	41	10.0	4	0		0.861	4		
	CAP	94	80.0	75	0	49	30	0.861	65	42
	TOTAL GAS	135		79	0	49	30		69	42
BELLOY - B		73	90.0	66	1	31	35	0.882	58	28
TAYLOR FLAT		63	90.0	57	0	0	57	0.882	50	0
TOTAL FIELD		4,226		3,075	6	2,385	690		2,636	2,034



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11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
3560 FLATROCK														
D	259	1.1	9.9	30.6	345	Y	1,111	18,843	0.8860	46.820	1	2017-12	07497	1991
D	259		8.8	28.8	344	Y	1,086	17,617	0.8620	41.860	1	2011-12	21234	2006
D	259				344	Y	0	17,617	0.8620		0	2010-12	21234	2006

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Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
3580 FLATROCK WEST										
GETHING	8	80.0	6	0	5	1	0.888	6	4	2
DUNLEVY - A	160	.0	0	0	0	0	0.918	0	0	0
DUNLEVY - B	138	90.0	124	0	61	63	0.885	110	54	56
CECIL - A	SOLN 119	26.5	32	0	31	1	0.000	0	0	0
CECIL - B	SOLN 14	75.0	11	0	9	2	0.838	9	7	2
CECIL - C - PROGRESS PROJECT	SOLN 99	25.0	25	0			0.833	21		
	CAP 6	80.0	5	0	24	6	0.833	4	20	5
TOTAL GAS	105		30	0	24	6		25	20	5
BOUNDARY LAKE - A	25	80.0	20	0	7	13	0.847	17	6	11
HALFWAY - A	207	90.0	186	0	165	21	0.836	156	138	18
HALFWAY - C	711	95.0	675	0	668	7	0.866	585	578	7
HALFWAY - D - RIGEL PROJECT	SOLN 118	42.0	50	0			0.843	42		
	CAP 681	30.0	204	0	251	3	0.843	172	212	2
TOTAL GAS	799		254	0	251	3		214	212	2
HALFWAY - D - ENCAL PROJECT	SOLN 30	75.0	23	0	15	8	0.830	19	12	7
HALFWAY - E	140	90.0	126	0	117	9	0.868	109	101	8
HALFWAY - G	SOLN 2	30.0	1	0	0	1	0.827	1	0	1
HALFWAY - G - CNRL PROJECT	SOLN 118	30.0	35	1			0.852	30		
	CAP 231	55.0	127	0	157	5	0.852	108	134	4
TOTAL GAS	349		162	1	157	5		138	134	4
MONTNEY - A	52	30.0	16	0	14	2	0.843	13	12	1
KISKATINAW - B	113	85.0	96	0	16	80	0.896	86	14	72
KISKATINAW - C	63	90.0	57	0	31	26	0.891	51	28	23
TOTAL FIELD	3,035		1,819	1	1,571	248		1,539	1,320	219

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
3580 FLATROCK WEST														
D					324	Y	388	9,468	0.8270		1	2012-12	13161	2000
X	259	4.5	17.1	21.6	324	N	428	10,116	0.8400		1	2014-12	04915	1979
V	356	3.1	15.9	18.0	319	Y	369	9,263	0.8620	39.570	1	2014-12	08444	1994
D		1.6			345	Y	567			47.357	7	2016-12	08150	1993
D	0	1.5			353	Y	558			43.540	1	2007-12	06925	1988
V	65	1.0	10.0	30.0	330	Y	572	10,762	0.7480	42.690	2	2015-12	14733	2001
V	259	1.3	10.8	50.1	321	Y	604	12,771	0.8220	41.760	1	2003-12	14733	2001
D	0	7.6	11.0	25.0	333	Y	765	13,205	1.0190	42.300	1	2010-12	03123	1975
M	0	3.7	16.0	17.8	336	Y	746	12,903	0.8360	42.515	5	2012-12	06227	1985
D		3.2	18.0	16.7	338	Y	765	12,321	0.8490	42.139	6	2017-12	06735	1988
D	0	2.4			338	Y	770			42.900	1	2014-12	06735	1988
D	0	3.0	13.7	19.7	331	Y	722	12,611	0.8280		3	2003-12	07146	1989
D	71				333	Y	741			44.330	1	2009-12	05409	1980
D		2.6	13.2	31.6	334	Y	742	12,843	0.8860	42.939	10	2017-12	08077	1993
D	259		11.7	20.0	344	Y	1,067	18,467	0.8040	47.780	1	2017-12	12287	2000
V	259	4.4	9.1	30.6	343	Y	1,098	16,010	0.8460		1		02992	1971
V	264	4.9	4.6	30.0	345	Y	1,151	15,957	0.8650	42.130	1	2014-12	09111	1998

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Field / Pool / Project		1	2	3	4	5	6	7	8	9	10
		Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
3600 FORT ST JOHN											
BLUESKY - A		21	80.0	16	0	1	15	0.900	15	1	14
BLUESKY		5	80.0	4	0	3	1	0.900	4	3	1
CADOMIN		23	81.0	19	0	19	0	0.903	17	17	0
DUNLEVY - A		177	10.0	18	0	8	10	0.896	16	7	9
BALDONNEL - A		3,415	85.0	2,903	8	2,794	109	0.803	2,332	2,245	87
BALDONNEL - B		134	80.0	107	0	68	39	0.838	90	57	33
BALDONNEL - C		111	80.0	89	0	3	86	0.857	76	3	73
CHARLIE LAKE		12	90.0	11	0	7	4	0.901	9	6	3
CECIL - B		30	80.0	24	0	0	24	0.864	21	0	21
CECIL - C		44	80.0	35	0	1	34	0.864	30	1	29
NORTH PINE - A - PETRO-CAN UNIT #1	SOLN	40	90.0	36	0			0.886	32		
	CAP	175	90.0	157	1	189	4	0.886	139	167	4
	TOTAL GAS	215		193	1	189	4		171	167	4
NORTH PINE - A - CALAHOO PROJECT	SOLN	19	90.0	17	0			0.904	16		
	CAP	161	90.0	145	0	128	34	0.904	131	116	31
	TOTAL GAS	180		162	0	128	34		147	116	31
NORTH PINE - C - CALAHOO PROJECT	SOLN	13	90.0	12	0			0.856	10		
	CAP	49	90.0	44	0	53	3	0.856	38	45	3
	TOTAL GAS	62		56	0	53	3		48	45	3
NORTH PINE - D - CALAHOO PROJECT	SOLN	12	50.0	6	0			0.880	5		
	CAP	54	60.0	33	0	37	2	0.880	29	32	2
	TOTAL GAS	66		39	0	37	2		34	32	2
NORTH PINE - E		9	30.0	3	0	2	1	0.845	2	2	0
PINGEL - A		6	50.0	3	0	2	1	0.895	3	2	1
PINGEL - B		49	80.0	39	1	33	6	0.906	36	30	6
PINGEL - C		47	80.0	37	0	27	10	0.898	33	24	9
HALFWAY - A		1,927	95.0	1,830	4	1,816	14	0.851	1,557	1,545	12
HALFWAY - C		556	60.0	333	0	327	6	0.859	286	281	5
HALFWAY - F		131	85.0	111	0	74	37	0.837	93	62	31
DOIG - A	SOLN	3	90.0	3	0	2	1	0.815	2	2	0
BELLOY - A		540	90.0	486	1	469	17	0.882	428	413	15
BELLOY - B	SOLN	31	70.0	21	0	6	15	0.883	19	6	13

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11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
3600 FORT ST JOHN														
V	261	1.8	16.5	50.4	306	Y	187	5,210	0.9050	39.420	1		10916	1998
D	259				312	Y	184	6,727	0.8890	41.560	1	2013-12	12122	1999
X	522				311	Y	289	9,045	0.8670		2	2012-12	00233	1997
V	1,060	2.4	12.0	40.0	311	Y	299	9,225	0.8740		1	2003-12	00075	1953
M	0	0.0	12.0	25.0	322	Y	503	11,149	0.8460	40.731	12	2012-12	00032	1952
D	1,036	0.0	8.4	37.6	322	Y	500	10,825	0.8450	39.604	5	2012-12	00030	1952
V	260	4.2	13.2	28.7	328	Y	506	10,707	0.8610	38.650	1		04452	1995
D					324	Y	723	12,987	0.8370	40.540	1	2012-12	00034	1997
V	259	1.6	13.4	56.2	328	Y	564	12,145	0.8560		1	2012-12	14117	2002
V	264	1.9	11.9	42.9	328	Y	567	12,660	0.8530	38.890	1	2005-12	04439	2005
												2010-12	00034	1952
D	539	2.0	14.6	20.0	325	Y	708	13,231	0.8350	39.180	5	2010-12	00034	1952
												2013-12	00034	1952
D	0	2.5	11.4	16.2	325	Y	710	13,231	0.8350	40.970	2	2013-12	00034	1952
												2015-12	04416	1978
V	222	1.3	16.8	33.6	325	Y	713	11,917	0.6850	47.130	2	2015-12	04416	1978
												2015-12	05355	1980
D	0	1.3	12.7	17.7	325	Y	712	11,917	0.8170	43.640	2	2015-12	05355	1980
D		0.9	6.5	59.0	328	Y	654	11,004	0.7830		1	2011-12	04082	1977
D	259		11.0	30.0	326	Y	722	10,012	0.8580		1	2011-12	09612	1996
V	260	1.6	17.0	35.0	324	Y	671	10,472	0.8590	40.270	1		00179	1960
V	261	1.2	17.0	35.0	323	Y	719	12,727	0.8320		1		10556	1997
M	0		6.4		328	Y	654	13,983	0.8590	40.360	7	2012-12	00074	1953
M	0	5.0	10.9	39.1	331	Y	783	13,465	0.8510	39.660	2	2015-12	03010	1971
V	260	5.1	10.0	31.7	332	Y	826	13,460	0.7980	45.200	1		09398	1995
V	65	2.2			326	Y	915			44.330	1	2013-12	06254	2006
M	0	3.4	12.0	25.0	341	Y	1,251	19,050	0.8360	41.970	2		00029	1952
X	65	6.4			342	Y	1,272				0	2005-12	00171	1956

**Pool Reserve Report - Gas
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Field / Pool / Project	1 Original Gas In Place 10E6 m3	2 Recovery Factor %	3 Initial Reserves (Raw) 10E6 m3	4 Annual Prod (Raw) 10E6 m3	5 Cumul Prod (Raw) 10E6 m3	6 Remaining Reserves (Raw) 10E6 m3	7 Shrink Factor	8 Initial Reserves (Mktble) 10E6 m3	9 Cumul. Prod (Mktble) 10E6 m3	10 Remain'g Reserves (Mktble) 10E6 m3
3600 FORT ST JOHN										
BELLOY - E	73	50.0	36	0	13	23	0.905	33	12	21
BELLOY - E - COUGAR PROJECT	309	85.0	263	0	200	63	0.900	236	180	56
BELLOY - H	27	90.0	24	1	21	3	0.900	22	19	3
BELLOY - I	130	70.0	91	0	77	14	0.891	81	68	13
BELLOY	122	90.0	110	0	48	62	0.824	90	39	51
LOWER BELLOY - A	620	80.0	496	0	27	469	0.840	417	23	394
LOWER BELLOY - B	166	75.0	124	0	2	122	0.881	109	2	107
DEBOLT - A	237	50.0	119	0	0	119	0.787	93	0	93
TOTAL FIELD	9,478		7,805	16	6,457	1,348		6,550	5,410	1,140
4000 FORT ST JOHN SOUTHEAST										
DUNLEVY - A	541	17.6	95	0	95	0	0.906	86	86	0
BALDONNEL - A	959	80.0	767	5	754	13	0.808	620	609	11
SIPHON - A	158	90.0	142	0	129	13	0.821	117	106	11
BEAR FLAT - A	SOLN 18	60.0	11	0	8	3	0.861	9	7	2
HALFWAY - A	1,291	90.0	1,162	5	1,124	38	0.839	976	943	33
HALFWAY - A - SAMSON PROJECT	61	90.0	55	0	42	13	0.836	46	35	11
LOWER HALFWAY - A	26	80.0	21	0	15	6	0.833	17	12	5
DOIG	170	90.0	153	1	87	66	0.835	127	73	54
BELLOY - A	2,536	94.0	2,384	3	2,371	13	0.898	2,140	2,129	11
TOTAL FIELD	5,760		4,790	14	4,625	165		4,138	4,000	138
4100 GOOSE										
NORTH PINE - A	58	48.5	28	0	28	0	0.891	25	25	0
NORTH PINE - B	17	72.0	12	0	12	0	0.891	11	11	0
TOTAL FIELD	75		40	0	40	0		36	36	0
4150 GOPHER										
HALFWAY - A	101	36.4	37	0	37	0	0.876	32	32	0
TOTAL FIELD	101		37	0	37	0		32	32	0

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
3600 FORT ST JOHN														
V	258	1.6	12.5	33.8	314	Y	1,309	19,602	0.8340	38.940	1	2004-12	06254	1985
V	516	3.4	12.5	33.8	314	Y	1,309	19,602	0.8340	38.690	2	2004-12	06254	1985
D		4.0	16.7	47.4	340	Y	1,276	18,860	0.8830	39.180	1	2017-12	00194	1956
D		6.5	17.3	58.2	344	Y	1,164	17,186	0.8810	39.380	1	2015-12	18041	2004
D					345	Y	1,218	18,775	0.8330	44.040	1	2013-12	08613	1994
V	536	5.9	12.9	20.2	342	Y	1,310	19,301	0.8430	43.384	2		09970	1996
V	261	6.3	8.3	42.6	334	Y	1,307	20,575	0.8290	41.660	1		00178	1997
V	259	3.0	22.0	25.0	351	N	1,444	20,498	0.8980		0		00058	1954
4000 FORT ST JOHN SOUTHEAST														
X	0	0.0	16.0	40.0	317	Y	336	9,673	0.8790		0	2014-12	00220	1957
M	0	3.7	18.0	28.0	321	Y	549	11,363	0.8020	40.354	6		00184	1956
D			13.2	30.9	322	Y	620	11,873	0.8400	40.182	4	2016-12	00174	1956
V	62	1.4			306	Y	728			42.200	1	2017-12	19082	2005
D	0	4.9	10.0	25.0	328	Y	864	13,989	0.8380	40.789	9	2004-12	00060	1953
D					328	Y	864	13,989	0.8380	42.900	1	2004-12	00060	1953
V	261	2.5	5.2	48.0	328	Y	886	13,989	0.8260	41.330	1	2005-12	15807	2002
D					327	Y	886	14,794	0.8050	43.178	2	2012-12	00201	1956
M	0	4.9	9.0	25.0	342	Y	1,297	19,512	0.8520	39.818	5		00042	1952
4100 GOOSE														
X	334	1.1	21.0	43.1	328	Y	708	12,804	0.8380		1	2002-12	02989	1971
X	259	1.2	7.3	43.9	328	Y	711	12,893	0.8380		1	2010-12	04157	1978
4150 GOPHER														
D	259	6.7	9.4	51.0	333	Y	713	12,466	0.8410		1		04137	1977

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 2019APR05
PIMS8320

Field / Pool / Project	1 Original Gas In Place 10E6 m3	2 Recovery Factor %	3 Initial Reserves (Raw) 10E6 m3	4 Annual Prod (Raw) 10E6 m3	5 Cumul Prod (Raw) 10E6 m3	6 Remaining Reserves (Raw) 10E6 m3	7 Shrink Factor	8 Initial Reserves (Mktble) 10E6 m3	9 Cumul. Prod (Mktble) 10E6 m3	10 Remain'g Reserves (Mktble) 10E6 m3
4200 GOTE										
SLAVE POINT - A	52	65.0	34	0	22	12	0.742	25	16	9
SULPHUR POINT - A	2,176	90.0	1,958	15	1,658	300	0.728	1,426	1,207	219
PINE POINT - A - APACHE PROJECT	11	70.0	8	0	7	1	0.754	6	5	1
PINE POINT - B	12	70.0	8	0	7	1	0.735	6	5	1
TOTAL FIELD	2,251		2,008	15	1,694	314		1,463	1,233	230
4300 GRAHAM										
GETHING - A	103	4.1	4	0	3	1	0.810	3	3	0
DUNLEVY - A	39	16.7	6	0	6	0	0.891	6	6	0
BALDONNEL - A	3,279	43.0	1,410	0	1,260	150	0.808	1,139	1,018	121
BALDONNEL - C	793	90.0	713	0	0	713	0.808	576	0	576
BALDONNEL - D	1,128	90.0	1,015	0	766	249	0.811	823	621	202
BALDONNEL - E	542	55.0	298	0	289	9	0.809	241	234	7
BALDONNEL - F	723	90.0	650	0	563	87	0.810	527	457	70
BALDONNEL - G	344	90.0	310	0	267	43	0.798	247	213	34
A MARKER/BASE OF LIME - A	161	70.0	113	0	0	113	0.911	103	0	103
HALFWAY - A	1,656	75.0	1,242	0	0	1,242	0.824	1,023	0	1,023
DOIG - A	216	85.0	183	0	0	183	0.822	151	0	151
DEBOLT - A	137	40.6	56	0	55	1	0.874	49	48	1
DEBOLT - B	54	1.5	1	0	1	0	0.907	1	0	1
TOTAL FIELD	9,175		6,001	0	3,210	2,791		4,889	2,600	2,289
4350 GRASSY										
DEBOLT - A	2,309	28.6	661	0	661	0	0.795	525	525	0
DEBOLT - B	417	2.8	12	0	12	0	0.796	9	9	0
DEBOLT - C	1,464	2.5	37	0	36	1	0.794	29	29	0
TOTAL FIELD	4,190		710	0	709	1		563	563	0

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
4200 GOTE														
V	263	0.0	4.9	14.0	400	Y	1,667	25,704	0.9770		1	2010-12	02232	1968
M	0	3.5	5.0	15.0	404	Y	1,659	22,373	0.9610	37.330	2	2009-12	03063	1972
D	263	0.0	7.6	25.0	402	Y	1,794	25,876	0.9710	37.210	2	2010-12	02232	1968
D	262		5.0	18.0	406	Y	1,840	23,178	0.9710	36.920	1	2012-12	17092	2004
4300 GRAHAM														
D		6.1	8.4	34.6	307	Y	87	10,749	0.8450	38.140	1	2010-12	03874	1977
X	0	18.6	16.9	25.0	315	Y	167	11,700	0.8530		1	2010-12	03842	1977
D		15.0	7.4	20.2	343	Y	747	16,403	0.8860	38.486	12	2012-12	07796	1992
V	286	27.2	8.0	20.0	328	Y	757	15,812	0.8610	37.800	1		09486	1995
D	2,002	0.0	6.7	25.4	327	Y	678	15,128	0.8550	38.535	8	2012-12	08192	1993
V	572	11.7	6.7	22.6	330	Y	727	15,611	0.8620	38.021	4	2016-12	00238	1995
D	0	16.0	5.2	23.0	329	Y	673	15,422	0.8580	38.392	2	2009-12	12310	1999
D	572		12.0	52.7	318	Y	596	15,408	0.8130	40.311	3	2009-12	20661	2006
V	286	6.6	4.7	15.0	333	N	1,178	22,071	0.8810	39.030			08875	1994
V	286	15.0	15.0	4.0	343	N	1,418	31,225	0.9660	39.430	0	2010-12	23359	2008
V	286	6.5	5.0	20.0	346	N	1,535	36,895	1.0460		0	2010-12	23359	2008
X	86	126.8	0.7	25.0	357	Y	2,003	28,455	0.9480	36.257	1	2002-12	03158	1972
X	86	50.6	0.7	25.0	358	Y	2,073	28,579	0.9520		0		00238	1977
4350 GRASSY														
X	0	162.9	3.8	27.9	327	Y	638	14,711	0.8710	37.630	2	2010-12	02687	1970
X	280	24.6	5.9	25.0	335	Y	735	14,182	0.8790	37.400	2	2014-12	07465	1990
X	280	69.5	7.9	25.0	331	Y	653	13,005	0.8800	35.970	2	2002-12	07549	1991

Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
4370 GREEN CREEK										
BLUESKY - A	11	70.0	8	0	3	5	0.813	6	2	4
BALDONNEL - B	2,364	85.0	2,009	0	1,070	939	0.809	1,625	865	760
HALFWAY - A	1,962	90.0	1,766	0	323	1,443	0.766	1,352	247	1,105
HALFWAY - C	37	70.0	26	0	18	8	0.794	21	14	7
HALFWAY - D	63	70.0	44	0	1	43	0.764	34	0	34
HALFWAY	14	80.0	11	0	9	2	0.783	9	7	2
DEBOLT - A	130	50.0	65	0	10	55	0.825	53	8	45
DEBOLT - B	323	50.0	162	0	0	162	0.825	133	0	133
DEBOLT - C	260	90.0	234	0	173	61	0.826	193	143	50
DEBOLT - D	253	90.0	228	0	111	117	0.824	188	92	96
DEBOLT - E	39	85.0	33	0	31	2	0.822	27	25	2
TOTAL FIELD	5,456		4,586	0	1,749	2,837		3,641	1,403	2,238
4375 GREENHILLS										
MIST MOUNTAIN - A	46	80.0	37	0	21	16	0.970	36	21	15
TOTAL FIELD	46		37	0	21	16		36	21	15
4380 GRIZZLY NORTH										
CADOTTE - A - CNRL UNIT #1	128	90.0	115	1	75	40	0.904	104	67	37
CADOTTE - B	127	80.0	101	2	83	18	0.888	90	74	16
FALHER - A - CNRL UNIT #1	389	90.0	350	2	267	83	0.894	313	239	74
NIKANASSIN - C	64	90.0	58	0	35	23	0.897	52	32	20
NIKANASSIN - D	1,068	90.0	961	11	101	860	0.901	866	91	775
DUNLEVY - A - CNRL UNIT #1	1,674	75.0	1,256	6	1,043	213	0.884	1,110	922	188
BALDONNEL - A - CNRL UNIT #2	1,242	90.0	1,118	19	1,002	116	0.832	931	834	97
BALDONNEL - B	128	90.0	115	3	41	74	0.861	99	35	64
HALFWAY - A - CNRL UNIT #2	1,670	10.2	170	0	170	0	0.834	142	142	0
HALFWAY - B - CNRL UNIT #2	451	.3	1	0	1	0	0.858	1	1	0
TOTAL FIELD	6,941		4,245	44	2,818	1,427		3,708	2,437	1,271

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
4370 GREEN CREEK														
D	279		7.8	7.0	329	Y	192	9,020	0.8780	40.430	1	2010-12	12547	2000
D	0	2.2	7.7	24.6	320	Y	235	8,862	0.8610	41.292	9	2010-12	12427	2000
V	1,116	28.0	9.2	40.3	339	Y	435	11,653	0.8550	39.975	4	2009-12	04825	1979
D	556		9.3	15.0	338	Y	466	13,053	0.8490	42.676	2	2012-12	12557	2000
V	278	3.4	10.2	25.0	339	Y	379	9,090	0.8740		1	2012-12	19314	2005
D	64				337	Y	359	11,401	0.8510		1	2010-12	23755	2008
V	278	9.5	4.9	32.0	352	Y	970	16,400	0.9000	38.590	1	2010-12	23895	2008
V	278	14.0	10.3	43.0	352	N	848	15,666	0.8940	39.100	0	2010-12	24113	2009
D	556		5.5	25.9	354	Y	894	16,452	0.9000	39.290	2	2010-12	18820	2005
D	278		8.0	33.0	352	Y	863	15,666	0.8980	38.740	1	2010-12	23032	2007
D		5.3	3.4	35.0	351	Y	828	15,705	0.8840	40.320	1	2012-12	19314	2005
4375 GREENHILLS														
D					293	Y		3,574	0.9950		3	2012-12	13080	2001
4380 GRIZZLY NORTH														
D	0	7.5	6.3	19.1	325	Y	696	6,100	0.9190	38.040	1	2014-12	08139	1993
D	596	0.0	8.8	27.6	337	Y	749	7,201	0.9190	40.040	2	2010-12	08565	1994
D	0	5.0	8.6	53.0	328	Y	868	15,000	0.8610	38.890	7	2013-12	03180	1973
V	298	5.3	4.5	18.0	359	Y	1,539	12,659	0.9140	38.640	1	2007-12	18372	2005
V	298	54.7	4.6	25.0	331	Y	1,820	17,569	0.7950	36.770	1	2012-12	25912	2010
D	0	126.2	5.1	51.0	361	Y	1,461	14,176	0.9110	37.142	3	2010-12	03180	1973
D	0	20.3	4.7	34.5	381	Y	2,391	33,658	1.0200	35.387	3	2003-12	04776	1980
D	298	18.0	4.0	15.0	377	Y	2,417	30,102	0.9930	35.490	1	2016-12	25912	2010
X	0	85.0	4.2	35.7	388	Y	2,819	56,902	1.2440		1	2014-12	03181	1973
X	183	32.0	3.2	31.8	388	Y	0	63,087	1.3110		0	2010-12	03407	1974

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Field / Pool / Project	1 Original Gas In Place 10E6 m3	2 Recovery Factor %	3 Initial Reserves (Raw) 10E6 m3	4 Annual Prod (Raw) 10E6 m3	5 Cumul Prod (Raw) 10E6 m3	6 Remaining Reserves (Raw) 10E6 m3	7 Shrink Factor	8 Initial Reserves (Mktble) 10E6 m3	9 Cumul. Prod (Mktble) 10E6 m3	10 Remain'g Reserves (Mktble) 10E6 m3
4385 GRIZZLY SOUTH										
NOTIKEWIN - A	164	90.0	148	5	48	100	0.885	131	42	89
NIKANASSIN	48	90.0	43	0	41	2	0.902	39	37	2
DUNLEVY - A - CNRL UNIT #1	849	95.0	806	2	658	148	0.869	701	572	129
NORDEGG-BALDONNEL - A	907	.9	8	0	8	0	0.862	7	7	0
BALDONNEL - B	1,981	90.0	1,783	13	1,681	102	0.870	1,550	1,462	88
BALDONNEL - C	117	52.0	61	0	60	1	0.714	44	43	1
TAYLOR FLAT - A	1,257	70.0	880	0	11	869	0.654	575	7	568
TOTAL FIELD	5,323		3,729	20	2,507	1,222		3,047	2,170	877



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11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
4385 GRIZZLY SOUTH														
V	299	6.9	8.8	29.0	325	Y	532	12,537	0.8610	36.560	1	2013-12	08563	2005
D	298				364	Y	748	19,079	0.9220	37.940	1	2009-12	03573	1975
D	0	24.0	4.0	37.5	353	Y	1,265	18,574	0.9020	35.743	3	2003-12	01396	1964
X	298	26.9	5.0	6.3	372	Y	2,374	31,690	1.0030	35.330	1	2010-12	03573	1975
D	0	9.8	6.8	10.0	319	Y	250	18,372	0.8440	34.920	1	2014-12	12542	2000
D		18.0	4.0	25.0	352	Y	2,042	31,415	0.9260	37.710	1	2017-12	14112	2008
V	299	39.0	4.3	13.0	382	Y	3,059	38,206	0.9870	37.360	1	2010-12	14112	2002

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Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
4390 GROUND BIRCH										
BLUESKY - A	146	50.0	73	0	4	69	0.874	64	3	61
GETHING - C	6	70.0	4	0	2	2	0.880	4	2	2
PARDONET-BALDONNEL - A	115	50.0	57	0	1	56	0.868	50	1	49
CECIL - A - DUVERNAY PROJECT	SOLN 34	90.0	31	0	25	6	0.836	26	21	5
ARTEX - B - DUVERNAY PROJECT	SOLN 86	50.0	43	0			0.868	37		
	CAP 153	25.0	38	0	62	19	0.868	33	54	16
TOTAL GAS	239		81	0	62	19		70	54	16
HALFWAY - A	99	90.0	89	0	0	89	0.842	75	0	75
DOIG - A	2,553	90.0	2,298	51	1,685	613	0.899	2,065	1,514	551
DOIG - B	54	60.0	33	1	26	7	0.906	30	23	7
DOIG - D	26	80.0	21	0	7	14	0.893	19	7	12
DOIG - E	132	50.0	66	0	1	65	0.907	60	1	59
DOIG - F	38	80.0	31	0	0	31	0.907	28	0	28
DOIG - G	49	80.0	39	0	7	32	0.894	35	6	29
DOIG - H	230	80.0	184	0	0	184	0.879	161	0	161
DOIG - I	372	80.0	298	0	0	298	0.901	268	0	268
DOIG - J	2,095	80.0	1,676	0	0	1,676	0.908	1,522	0	1,522
DOIG - K	16	80.0	13	0	7	6	0.881	12	6	6
DOIG	17	80.0	14	1	7	7	0.907	12	6	6
DOIG PHOSPHATE BEDS - A	2,811	25.0	703	7	136	567	0.906	637	123	514
BELLOY - A	38	70.0	27	0	1	26	0.916	24	1	23
KISKATINAW - B	79	90.0	71	1	42	29	0.918	65	39	26
KISKATINAW - C	50	90.0	45	0	1	44	0.914	41	1	40
TOTAL FIELD	9,199		5,854	61	2,014	3,840		5,268	1,808	3,460

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
4390 GROUND BIRCH														
V	262	6.7	10.2	21.8	324	Y	589	10,006	0.8410		1	2008-12	19832	2005
D	64		7.1	14.2	328	Y	630	13,584	0.8630	42.090	2	2010-12	21406	2006
V	259	3.8	6.2	11.0	370	Y	1,302	25,353	0.9230	36.890	1	2010-12	22734	2007
D		1.0			343	Y	1,220			47.304	3	2009-12	08314	1993
												2006-12	08635	1994
V	262	1.5	22.0	15.0	350	Y	1,557	21,876	0.8530		4	2006-12	08635	1994
V	156	3.9	12.5	22.2	338	Y	1,157	17,346	0.8730	37.350	1	2011-12	17622	2004
V	6,066	4.1	5.3	22.4	358	Y	343	31,139	0.9910	38.243	68	2006-12	10625	1997
V	516	1.0	5.6	28.0	352	Y	1,747	31,509	0.9730	40.579	2	2017-12	21277	2006
D	90		5.0	37.0	339	Y	1,209	23,093	0.8940	39.548	2	2010-12	17622	2004
V	259	10.7	3.5	37.7	339	Y	1,308	23,093	0.8890		1	2010-12	22279	2008
V	264	2.7	5.0	50.0	347	Y	1,384	23,623	0.9020	40.860	0	2009-12	17958	2005
V	259	1.4	7.0	10.0	347	Y	1,492	23,623	0.9100		1	2009-12	15894	2003
V	259	6.8	6.3	25.0	356	N	2,032	36,392	1.0540		0	2010-12	24000	2009
V	259	11.9	4.5	10.0	355	N	1,955	39,366	1.0580	39.930	0	2010-12	24000	2009
V	1,311	14.0	6.2	13.7	351	N	1,779	24,298	0.9230	39.880	0	2010-12	23545	2008
D	518				358	Y	1,893	37,000	1.0520	36.300	2	2010-12	23545	2008
D	259				340	Y		25,000	0.9040		1	2016-12	24765	2009
V	4,662	6.8	4.2	26.2	348	Y	1,687	34,834	0.9950	38.096	14	2012-12	22186	2006
V	78	1.4	18.8	19.1	372	Y	2,312	29,577	0.9910		1	2010-12	22027	2006
D	0	5.5	15.1	35.0	375	Y	2,404	53,436	1.2180	37.710	1	2009-12	22976	2008
V	96	3.4	9.0	49.1	375	Y	2,279	53,436	1.2180		1	2012-12	23898	2008

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Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
4400 GUNDY CREEK										
BLUESKY - A	102	80.0	82	0	40	42	0.877	72	35	37
DUNLEVY - A	107	90.0	96	0	43	53	0.884	85	38	47
BALDONNEL - A	218	52.5	115	0	114	1	0.870	100	100	0
BALDONNEL - B	429	50.0	215	0	160	55	0.888	191	142	49
BLUEBERRY - A	115	90.0	104	0	72	32	0.872	91	63	28
BLUEBERRY - B	100	90.0	90	0	60	30	0.842	76	51	25
HALFWAY - A	436	58.0	253	1	241	12	0.871	220	209	11
HALFWAY - B	583	80.0	467	0	333	134	0.841	393	280	113
HALFWAY	5	90.0	5	0	4	1	0.866	4	4	0
LOWER HALFWAY - B	51	80.0	41	0	24	17	0.847	34	20	14
TOTAL FIELD	2,146		1,468	1	1,091	377		1,266	942	324
4460 GUNDY CREEK WEST										
BLUESKY - A	382	90.0	343	15	207	136	0.889	305	184	121
BLUESKY - B	226	10.0	23	0	0	23	0.851	19	0	19
DUNLEVY - A	711	90.0	640	0	408	232	0.878	562	358	204
BALDONNEL - A	459	80.0	367	0	80	287	0.882	323	71	252
COPLIN - A	16	70.0	11	0	8	3	0.897	10	7	3
FARRELL - A	5	90.0	5	0	3	2	0.897	4	2	2
HALFWAY - A	282	90.0	254	6	146	108	0.893	227	130	97
TOTAL FIELD	2,081		1,643	21	852	791		1,450	752	698
4470 GUNNELL CREEK										
BLUESKY - A	33	90.0	30	0	13	17	0.828	25	11	14
BLUESKY - B	220	90.0	198	0	153	45	0.814	161	125	36
DEBOLT - A	9	70.0	7	0	2	5	0.799	5	2	3
JEAN MARIE - A	24,949	90.0	22,454	294	16,079	6,375	0.841	18,875	13,516	5,359
JEAN MARIE - H	133	90.0	120	3	69	51	0.839	100	58	42
PINE POINT - A	138	90.0	124	0	50	74	0.725	90	37	53
PINE POINT - B - APACHE PROJECT	157	90.0	141	0	100	41	0.714	101	72	29
PINE POINT	56	40.0	23	0	0	23	0.752	17	0	17
TOTAL FIELD	25,695		23,097	297	16,466	6,631		19,374	13,821	5,553

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
4400 GUNDY CREEK														
V	283	4.3	11.0	31.0	330	Y	353	10,914	0.8520		1	2016-12	21993	2008
V	259	7.6	6.7	27.6	323	Y	397	10,512	0.8290	41.640	2	2014-12	04140	1977
X	1,257	2.9	6.5	25.0	334	Y	518	12,273	0.8500	40.864	5		00291	1957
M	0	5.2	8.5	25.7	334	Y	530	12,438	0.8560	41.810	6		00083	1954
M	0	3.0	7.0	25.0	342	Y	688	16,223	0.8620	40.750	2	2001-12	00253	1957
D	882		5.7	25.7	336	Y	671	13,797	0.8370	41.169	3	2011-12	17874	2004
D	1,178	5.2	7.9	27.1	338	Y	841	16,007	0.8510	40.490	8	2017-12	11062	1998
D	970	5.1	10.0	21.6	341	Y	844	15,611	0.8450	42.020	8	2016-12	17852	2004
D	283				343	Y	835	13,334	0.8750	39.100	1	2015-12	18348	2005
V	283	2.0	8.5	23.0	342	Y	844	13,980	0.8470	41.290	1	2006-12	18594	2005
4460 GUNDY CREEK WEST														
M	666	5.0	12.9	13.5	323	Y	326	9,949	0.8530	41.721	5	2010-12	21798	2008
V	284	6.2	14.1	15.0	323	N	319	9,972	0.8190		1	2014-12	04965	2006
V	1,136	9.6	8.8	27.4	329	Y	370	10,204	0.8640	42.300	5		04083	1977
V	526	10.0	9.5	27.0	335	Y	528	12,617	0.8520		2		04083	1977
D	284		10.6	26.0	334	Y	727	13,687	0.8640	40.310	1	2010-12	21567	2006
D		0.2	3.0	45.0	334	Y	747	13,880	0.8640		1	2014-12	21567	2006
D	0	0.0	5.2	24.0	338	Y	852	17,412	0.8450	41.170	1	2012-12	16443	2003
4470 GUNNELL CREEK														
V	275	2.2	15.0	40.0	306	Y	95	5,850	0.9000	38.940	1		09669	1996
V	1,157	2.0	26.1	28.3	313	Y	27	5,141	0.9210	37.610	1	2007-12	17495	2004
V	265	2.8	8.8	67.0	309	Y	0	4,281	0.9090	42.130	1	2010-12	14205	2001
D	56,070		7.6	27.6	346	Y	1,061	9,028	0.9110	37.736	509	2009-12	00529	1979
V	530	9.3	8.1	46.5	353	Y	912	7,201	0.9330	38.105	2	2008-12	22297	2007
V	266	6.1	5.0	10.0	405	Y	1,805	26,458	0.9810	36.530	1	2006-12	04677	1999
V	88	32.0	4.0	25.0	396	Y	1,662	24,940	0.9650	32.030	1	2004-12	08910	2003
V	200	5.7	4.2	25.0	392	Y	1,705	20,515	0.9500	37.330	1	2012-12	08026	1993

Field / Pool / Project	1 Original Gas In Place 10E6 m3	2 Recovery Factor %	3 Initial Reserves (Raw) 10E6 m3	4 Annual Prod (Raw) 10E6 m3	5 Cumul Prod (Raw) 10E6 m3	6 Remaining Reserves (Raw) 10E6 m3	7 Shrink Factor	8 Initial Reserves (Mktble) 10E6 m3	9 Cumul. Prod (Mktble) 10E6 m3	10 Remain'g Reserves (Mktble) 10E6 m3
4485 GUTAH										
BLUESKY-GETHING-MONTNEY - A	3,871	90.0	3,484	35	1,010	2,474	0.908	3,162	917	2,245
BLUESKY-GETHING-MONTNEY - B	650	90.0	585	13	299	286	0.906	529	271	258
BLUESKY-GETHING-MONTNEY - D	207	90.0	186	6	116	70	0.906	169	105	64
MONTNEY - A	20	90.0	18	1	13	5	0.913	17	12	5
BANFF - A	58	85.0	50	0	34	16	0.910	45	31	14
TOTAL FIELD	4,806		4,323	55	1,472	2,851		3,922	1,336	2,586
4500 GWILLIM										
PARDONET-BALDONNEL - A	1,045	90.0	941	0	317	624	0.584	550	185	365
PARDONET-BALDONNEL - B	1,241	50.5	627	0	624	3	0.614	385	383	2
PARDONET-BALDONNEL - C	1,946	38.5	749	0	743	6	0.538	403	400	3
BALDONNEL - B	291	75.0	219	0	100	119	0.459	100	46	54
BALDONNEL - C	331	22.0	73	0	70	3	0.482	35	34	1
BELLOY - A	361	25.0	90	0	0	90	0.790	71	0	71
TOTAL FIELD	5,215		2,699	0	1,854	845		1,544	1,048	496
4600 HALFWAY										
BLUESKY - A	83	90.0	75	0	62	13	0.855	64	53	11
BLUESKY - B	79	55.0	43	0	39	4	0.872	38	34	4
CADOMIN	18	52.0	9	0	9	0	0.885	8	8	0
BALDONNEL - A - ANADARKO PROJECT	731	45.0	329	0	200	129	0.872	287	175	112
COPLIN - A - BERKLEY PROJECT	200	50.0	100	0	91	9	0.772	77	70	7
BLUEBERRY - A - BERKLEY PROJECT										
SOLN	10	15.0	2	0			0.866	1		
CAP	45	20.0	9	0	9	2	0.866	8	8	1
TOTAL GAS	55		11	0	9	2		9	8	1
INGA - A - BERKLEY PROJECT	13	78.0	10	0	10	0	0.851	9	9	0
INGA - B	2	78.5	2	0	2	0	0.868	2	2	0
HALFWAY - A - ANADARKO PROJECT	611	90.0	550	0	390	160	0.870	478	340	138
HALFWAY - B - CNRL PROJECT	127	90.0	114	0	72	42	0.865	99	62	37
HALFWAY - C	3	80.0	3	0	2	1	0.875	2	2	0
DEBOLT - A - BERKLEY PROJECT	181	50.0	91	0	21	70	0.819	74	17	57
TOTAL FIELD	2,103		1,337	0	907	430		1,147	780	367

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
4485 GUTAH														
V	12,637	5.6	13.9	30.9	327	Y	262	5,900	0.9010	45.624	64	2008-12	14952	2002
V	3,475	4.2	13.8	35.5	323	Y	253	5,088	0.8960	46.093	24	2015-12	14929	2002
D	0	3.6	13.3	28.5	323	Y	244	4,925	0.8950	46.996	10	2009-12	17334	2004
D	277		15.0		327	Y	261	5,372	0.9060		1	2017-12	15673	2003
D	554		8.0	15.0	350	Y	833	19,920	0.8920	40.769	2	2010-12	02225	1968
4500 GWILLIM														
V	295	36.2	4.2	10.9	384	Y	2,163	32,424	0.9180		1	2010-12	06980	1989
V	295	31.2	5.6	9.0	377	Y	2,265	32,412	0.9240	37.860	4	2017-12	07591	1991
M	295		5.1	9.0	369	Y	2,150	32,857	0.8780	27.800	1	2017-12	07706	1991
M	0	39.7	6.6	18.3	379	Y	2,524	33,804	0.7860		1	2012-12	05112	1981
D	590		5.0	10.0	368	Y	2,383	32,391	0.9730	37.680	1	2017-12	23827	2008
V	295	5.8	8.4	13.0	401	N	3,498	45,990	1.1300	37.340	0		07591	1991
4600 HALFWAY														
D	0	1.5	10.1	33.3	305	Y	8	7,953	0.7990	44.192	2	2008-12	10334	1997
D	528		10.9	41.4	303	Y	31	7,384	0.8460	40.840	2	2016-12	15850	2003
X	518				307	Y	159	8,420	0.8410	41.610	2	2010-12	10334	1997
V	1,208	9.4	8.0	35.0	319	Y	412	11,418	0.8220	42.552	3	2002-12	00107	1954
V	518	2.3	13.6	20.9	327	Y	600	14,153	0.7870	42.320	2	2016-12	01986	1966
V	265	1.5	9.0	20.0	319	Y	588	14,034	0.8020	42.660	2	2016-12	01986	1966
V	130	1.5			324	Y	657			44.102	2	2016-12	01986	1966
X	259		6.0	25.0		Y	646				1	2012-12	12691	2000
D	1,848		7.8	28.5	324	Y	780	15,427	0.8100	41.671	8	2011-12	00182	1957
D		28.0			326	Y	1,791			41.950	1	2015-12	11521	1998
D		3.1	9.8	22.0	325	Y	818	15,127	0.8170	41.660	1	2014-12	15858	2003
X	0	22.7			350	Y	1,328			48.631	8	2005-12	06938	1989

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	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
4650 HAY RIVER										
BLUESKY - A - HARVEST PROJECT	SOLN	434	75.0	326	34		0.790	257		
	CAP	315	90.0	284	0	379	231	0.790	224	299
	TOTAL GAS	749		610	34	379	231		481	299
BLUESKY - C - WASCANA GASCAP PROJECT		72	80.0	58	0	0	58	0.849	49	0
TOTAL FIELD		821		668	34	379	289		530	299



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11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year
4650 HAY RIVER														
V	2,234	2.5	24.2	36.9	298	Y	46	3,591	0.9270	39.108	435	2017-12	06443	1986
	269	4.1	25.2	32.0	286	Y	48	3,536	0.9170				11184	1998

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Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
4700 HELMET										
QUATERNARY - A	61	25.0	15	0	12	3	0.860	13	10	3
BLUESKY - B	61	80.0	48	0	39	9	0.745	36	29	7
BLUESKY - C	47	43.0	20	0	18	2	0.860	17	16	1
BLUESKY - D	75	80.0	60	0	56	4	0.841	50	47	3
BLUESKY - F	48	70.0	33	0	29	4	0.808	27	23	4
BLUESKY - G	101	90.0	91	0	28	63	0.833	76	23	53
BLUESKY - H	19	80.0	15	0	2	13	0.805	12	2	10
BLUESKY - I	77	65.0	50	0	49	1	0.758	38	37	1
BLUESKY - J	8	70.0	6	0	2	4	0.750	4	1	3
BLUESKY - K	3	70.0	2	0	0	2	0.750	2	0	2
BLUESKY - L	41	80.0	33	1	31	2	0.798	26	24	2
BLUESKY - M	25	80.0	20	0	7	13	0.766	15	5	10
BLUESKY - N	33	80.0	26	0	2	24	0.733	19	2	17
BLUESKY	58	80.0	47	0	19	28	0.729	34	14	20
MISSISSIPPIAN	126	85.0	107	0	0	107	0.746	80	0	80
DEBOLT - B	296	90.0	266	4	223	43	0.804	214	179	35
DEBOLT - C	54	3.0	2	0	1	1	0.804	1	1	0
SHUNDA - B	111	90.0	100	0	60	40	0.778	78	47	31
SHUNDA - C	10	90.0	9	0	7	2	0.862	8	6	2
SHUNDA - D	39	90.0	35	0	29	6	0.752	26	22	4
SHUNDA - F	53	70.0	37	0	36	1	0.764	28	28	0
SHUNDA - G	26	70.0	18	0	14	4	0.760	14	10	4
SHUNDA - H	14	90.0	12	1	6	6	0.793	10	4	6
PEKISKO - H	16	70.0	12	0	10	2	0.819	9	8	1
BANFF - A	42	80.0	34	0	16	18	0.849	29	13	16
BANFF - B	51	90.0	46	0	43	3	0.860	40	37	3
BANFF - D	5	50.0	3	0	2	1	0.860	2	2	0
TETCHO - C	SOLN	30	30.0	9	1	6	0.822	7	5	2
TETCHO - D		7	70.0	5	0	3	0.926	4	3	1
TETCHO - F	SOLN	12	50.0	6	1	1	0.888	6	1	5
KAKISA - A	90	90.0	81	0	2	79	0.838	68	2	66
KAKISA - B	95	90.0	85	0	23	62	0.853	73	19	54
JEAN MARIE - A	64,220	90.0	57,798	478	36,898	20,900	0.844	48,759	31,127	17,632

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
4700 HELMET														
V	264	15.5	24.0	40.0	281	Y	461	995	0.9760	37.610	1	2009-12	20191	2006
D	0	1.5	18.7	40.2	293	Y	91	1,452	0.9700	37.600	2	2012-12	11673	1999
D	0	5.9	18.4	47.0	345	Y	66	3,532	0.9570	40.760	1	2012-12	06990	1989
D	0	0.0	0.0	33.6	309	Y	67	3,820	0.9330		1	2012-12	05306	1980
M	266		13.6	50.0	317	Y	46	4,213	0.9300		1	2010-12	04345	1978
D	265	0.0	25.0	40.0	307	Y	52	4,094	0.9240	39.050	1	2010-12	21392	2006
V	266	1.4	23.0	41.0	311	Y	55	3,868	0.9350	36.530	1	2012-12	21369	2006
D	435		19.8	36.4	293	Y	98	3,707	0.9250	38.350	3	2015-12	14592	2002
V	121	1.5	19.2	40.1	295	Y	82	3,733	0.9260	37.580	1	2012-12	18610	2005
V	75	1.4	15.6	50.0	297	Y	80	3,846	0.9250	37.610	1	2012-12	18607	2005
D	0	0.5	16.5	45.8	296	Y	82	3,810	0.9260	37.600	1	2012-12	14503	2003
V	262	2.0	20.1	39.3	296	Y	85	3,810	0.9260		1	2012-12	13801	2001
V	261	2.1	22.0	25.8	297	Y	81	3,533	0.9150	37.630	1	2012-12	18622	2005
D	264				301	Y		3,730	0.9470	34.060	1	2014-12	23877	2008
D	1,046				293	Y	92	3,708	0.9220		0	2012-12	03587	1975
D		3.5	12.0	32.8	297	Y	97	3,918	0.9210	37.880	4	2017-12	11674	1999
X	264	8.4	10.0	40.0	297	Y	76	3,918	0.9210		1	2012-12	09681	2000
V	650	3.4	20.6	39.8	299	Y	95	3,940	0.9240	37.977	3	2012-12	04814	1980
V	262	4.3	12.3	48.4	293	Y	87	1,452	0.9690	37.740	1	2012-12	11673	1999
D	0	4.1	8.3	32.5	298	Y	91	3,985	0.9210		1	2012-12	12827	2000
D	523		15.7	50.3	293	Y	90	3,708	0.9220	37.819	2	2015-12	14594	2002
D	262		13.3	39.0	295	Y	90	3,531	0.9280		1	2012-12	15235	2003
D	261		14.0	31.4	295	Y	86	3,531	0.9300		1	2017-12	15306	2003
D	262		11.4	62.8	294	Y	83	3,610	0.9290	37.670	1	2012-12	05607	1981
V	674	1.7	14.1	34.4	312	Y	28	4,066	0.9260	38.200	2	2012-12	06178	2005
D	0	0.9	11.7	25.0	310	Y	5	4,265	0.9230	39.870	1	2007-12	12539	2000
D	260		16.1	55.7	307	Y	10	2,514	0.9570	37.030	1	2012-12	07592	1991
D	198	2.2			321	Y	400			38.989	2	2017-12	27937	2012
V	266	1.2	6.5	50.0	332	Y		6,644	0.8870	43.770	1	2013-12	27829	2012
D		1.5				Y	439				1	2017-12	28724	2013
V	743	4.1	7.6	28.0	332	Y	528	5,771	0.9130	41.530	1	2007-12	18250	2006
V	529	5.2	8.7	30.0	338	Y	579	6,137	0.9140	46.750	2	2007-12	19783	2006
V	0	5.6	5.7	34.1	336	Y	710	6,881	0.9200	37.767	727	2005-12	07230	1990

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		Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
4700 HELMET											
JEAN MARIE - K - ENCANA PROJECT	SOLN	25	50.0	13	7			0.896	11		
	CAP	265	90.0	238	0	161	90	0.896	214	145	80
	TOTAL GAS	290		251	7	161	90		225	145	80
JEAN MARIE - L	SOLN	49	20.0	10	0	2	8	0.839	8	2	6
JEAN MARIE - M		33	90.0	30	0	19	11	0.851	25	16	9
JEAN MARIE - N		19	70.0	13	0	12	1	0.838	11	10	1
JEAN MARIE		1,256	90.0	1,130	25	1,048	82	0.811	917	850	67
MUSKWA-OTTER PARK - A		12,245	25.0	3,061	162	1,485	1,576	0.799	2,445	1,186	1,259
SLAVE POINT - A		6,817	67.0	4,567	0	3,732	835	0.737	3,368	2,751	617
SLAVE POINT - B		1,015	42.0	426	0	414	12	0.735	313	305	8
SLAVE POINT - C		157	45.0	71	0	54	17	0.747	53	41	12
SLAVE POINT - E		394	90.0	354	0	82	272	0.749	265	62	203
SLAVE POINT - F		146	25.0	37	0	0	37	0.800	29	0	29
SLAVE POINT - H		760	1.3	10	0	9	1	0.755	7	7	0
SLAVE POINT - J		106	27.7	29	0	29	0	0.758	22	22	0
SLAVE POINT - K		63	65.0	41	0	0	41	0.819	34	0	34
SLAVE POINT - L		272	65.0	177	0	0	177	0.733	130	0	130
SLAVE POINT - M		72	65.0	47	0	0	47	0.733	34	0	34
SLAVE POINT - N		104	65.0	68	0	0	68	0.745	50	0	50
SLAVE POINT - O		108	65.0	70	0	54	16	0.720	51	39	12
SLAVE POINT - P		58	1.3	1	0	1	0	0.728	1	1	0
EVIE - A		326	15.0	49	0	0	49	0.813	40	0	40
PINE POINT - C		227	7.7	17	0	17	0	0.763	13	13	0
PINE POINT - D		553	.1	1	0	0	1	0.755	0	0	0
PINE POINT - E		121	80.0	97	0	0	97	0.758	73	0	73
PINE POINT - F		55	80.0	44	0	0	44	0.763	34	0	34
PINE POINT - G		166	50.0	83	0	0	83	0.784	65	0	65
PINE POINT - H		198	80.0	159	0	0	159	0.771	122	0	122
PINE POINT - I		123	60.0	74	0	0	74	0.777	57	0	57
PINE POINT - J		77	25.0	19	0	0	19	0.777	15	0	15
PINE POINT - K		335	80.0	268	0	0	268	0.765	205	0	205
PINE POINT - L		247	25.0	62	0	0	62	0.816	50	0	50
PINE POINT - M		125	90.0	112	0	0	112	0.775	87	0	87
PINE POINT - N		111	80.0	89	0	0	89	0.695	62	0	62

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4700 HELMET														
D	0	5.0	8.5	42.4	342	Y	755	5,471	0.9200	37.998	3	2017-12	12619	2002
V	66	5.5			342	Y	757			37.780	1	2017-12	20343	2006
D		8.1	8.4	15.0	349	Y	850	6,522	0.9320		2	2015-12	12952	2001
D		5.0	8.0	15.0	348	Y	832	6,417	0.9320	38.540	1	2016-12	13490	2001
V	9,432	5.6	5.7	34.1	336	Y	648	6,881	0.9200	37.765	30	2012-12	03587	2000
D		33.0	5.0	20.0	378	Y	1,398	17,355	0.9350	37.980	21	2013-12	23499	2008
M	0	18.0	8.6	11.0	382	Y	1,250	16,134	0.9270	34.674	13	2012-12	01279	1963
D	1,138	10.4	8.0	14.7	381	Y	1,211	15,672	0.9310	35.578	4	2012-12	02881	1971
V	278	7.0	7.4	16.3	382	Y	1,275	16,263	0.9270	36.247	3	2012-12	02839	1971
V	264	14.4	9.8	15.0	380	Y	1,221	15,383	0.9260	32.790	1	2012-12	09333	1995
V	263	10.1	6.5	34.4	379	Y	1,249	16,010	0.9310	34.513	0	2012-12	02453	1969
V	264	30.0	9.2	13.4	371	Y	1,097	14,421	0.9180	37.590	1	2005-12	05695	1982
V	264	18.5	3.2	44.6	371	Y	1,120	14,700	0.9190		1	2005-12	06629	1987
V	265	10.2	3.7	51.6	346	N	1,091	14,232	0.8970		0	2005-12	06781	1988
V	264	14.9	7.6	25.0	374	N	1,119	14,644	0.9180		0	2005-12	02902	1971
V	264	4.0	7.5	25.0	374	N	1,107	14,562	0.9180			2005-12	03056	1972
V	200	5.7	8.8	14.0	375	N	1,124	14,651	0.9200		0	2005-12	05535	1981
D	0	18.3	0.0	0.0	372	Y	1,118	14,557	0.8920	32.680	1	2005-12	05200	1981
V	68	5.9	13.0	12.4	381	Y	1,208	15,637	0.9270		1	2005-12	02276	1968
V	262	27.9	5.0	20.0	398	Y	1,599	14,666	0.9410	37.320	1	2012-12	23499	2008
X	263	21.3	3.8	31.3	383	Y	1,557	19,147	0.9170		1	2014-12	02108	1967
V	262	16.0	10.6	14.8	387	Y	1,554	18,552	0.9340		0	2012-12	04732	1979
V	261	8.2	5.0	28.6	383	N	2,011	19,533	0.9160		0	2005-12	03930	1977
V	200	3.0	8.0	24.0	384	N	1,527	18,704	0.9200		0	2005-12	05115	1980
V	261	14.7	4.5	35.1	384	N	1,525	18,805	0.9380		0	2005-12	05255	1980
V	261	13.3	5.3	25.9	384	N	1,505	18,411	0.9370		0	2005-12	05619	1981
V	200	5.0	10.4	20.0	389	N	1,545	19,000	0.9400		0	2005-12	05719	1982
V	261	8.2	3.9	38.1	388	N	1,573	19,089	0.9400			2005-12	06789	1988
V	261	18.7	6.0	25.7	384	N	1,572	19,488	0.9360	37.180	0	2005-12	04760	1979
V	262	18.3	4.7	26.1	389	N	1,580	19,141	0.9430	37.340		2005-12	05718	1982
V	260	13.0	4.0	36.5	400	Y	1,624	19,582	0.9600	33.320	0	2012-12	05811	1995
V	263	9.1	4.1	25.0	372	Y	1,435	18,023	0.9130		0	2012-12	02287	1968

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Field / Pool / Project	1 Original Gas In Place 10E6 m3	2 Recovery Factor %	3 Initial Reserves (Raw) 10E6 m3	4 Annual Prod (Raw) 10E6 m3	5 Cumul Prod (Raw) 10E6 m3	6 Remaining Reserves (Raw) 10E6 m3	7 Shrink Factor	8 Initial Reserves (Mktble) 10E6 m3	9 Cumul. Prod (Mktble) 10E6 m3	10 Remain'g Reserves (Mktble) 10E6 m3
4700 HELMET										
TOTAL FIELD	92,582		70,598	680	44,793	25,805		58,636	37,197	21,439
4780 HIDING CREEK										
CRETACEOUS - A	16,065	90.0	14,458	152	4,312	10,146	0.904	13,066	3,897	9,169
CARDIUM SAND - A	107	90.0	97	3	41	56	0.899	87	37	50
CARDIUM SAND - B	11	90.0	10	1	6	4	0.899	9	6	3
DOE CREEK - A	196	80.0	157	3	118	39	0.919	144	108	36
CADOTTE - B	10	90.0	9	0	0	9	0.920	9	0	9
CADOTTE - C	147	85.0	125	3	84	41	0.950	119	80	39
CADOTTE - H	76	90.0	69	2	37	32	0.904	62	33	29
CADOTTE - J	65	80.0	52	1	32	20	0.948	49	30	19
CADOTTE - K	210	90.0	189	3	45	144	0.904	171	41	130
CADOTTE - M	156	90.0	140	0	0	140	0.704	99	0	99
CADOTTE - O	42	40.0	17	0	16	1	0.859	14	14	0
CADOTTE - P	79	85.0	67	2	40	27	0.948	64	38	26
CADOTTE - Q	16	80.0	13	0	11	2	0.951	13	10	3
CADOTTE - S	6	90.0	6	0	3	3	0.699	4	2	2
NOTIKEWIN - C	53	90.0	47	2	40	7	0.936	44	38	6
NOTIKEWIN	33	90.0	29	1	24	5	0.942	28	22	6
FALHER B - A	84	80.0	68	0	0	68	0.822	56	0	56
FALHER C - B	662	90.0	596	6	440	156	0.930	554	409	145
FALHER C - C	291	90.0	262	0	9	253	0.941	246	8	238
FALHER C - E	60	80.0	48	0	30	18	0.693	33	20	13
FALHER C - M	5	80.0	4	0	3	1	0.623	2	2	0
FALHER C	4	90.0	4	0	0	4	0.969	4	0	4
FALHER D - A	598	80.0	478	4	239	239	0.947	453	226	227
FALHER D - D	21	90.0	19	1	10	9	0.950	18	9	9
NIKANASSIN - B	25	80.0	20	1	10	10	0.909	18	9	9
NIKANASSIN - L	177	90.0	159	7	108	51	0.912	145	99	46
NIKANASSIN - M	202	90.0	182	8	152	30	0.919	167	140	27
NIKANASSIN - N	224	90.0	201	3	35	166	0.893	180	32	148
TOTAL FIELD	19,625		17,526	203	5,845	11,681		15,858	5,310	10,548

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11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
4700 HELMET														
4780 HIDING CREEK														
V	16,390	11.8	6.5	31.0	360	Y	1,725	20,585	0.8780	37.836	100	2012-12	04815	2002
D		7.3	7.4	4.1	295	Y	407	772	0.9800	43.340	1	2014-12	16635	2004
V	298	7.0	9.5	29.0	295	Y	0	772	0.9800	41.620	1	2012-12	13908	2001
D		7.5	8.8	51.0	312	Y	294	7,468	0.8330	41.500	2	2016-12	15048	2002
D	298		7.2	24.0	362	Y	1,619	17,218	0.9170	40.450	0	2009-12	06360	1986
V	588	3.5	8.6	33.2	354	Y	1,502	14,012	0.9030		3	2005-12	08602	1994
V	291	3.6	7.3	36.5	360	Y	1,562	17,362	0.8720	39.602	2	2005-12	15460	2002
V	345	2.1	11.0	25.2	355	Y	1,455	12,388	0.9070	37.790	2	2006-12	10535	1997
V	297	8.9	9.2	22.0	354	Y	1,430	12,390	0.8990	39.240	1	2007-12	20623	2006
V	298	5.5	7.9	23.0	362	Y	1,398	17,342	0.8710	38.837	0	2012-12	22046	2006
D	297		7.9	31.0	360	Y	1,417	9,720	0.9400	39.220	1	2017-12	23819	2009
D		3.2	7.2	31.0	354	Y	1,464	12,324	0.9050		1	2012-12	12552	2000
D		2.1	7.0	28.0	356	Y	1,510	12,260	0.8880	38.410	1	2012-12	12177	1999
D		5.1	7.5	19.0	354	Y	1,529	12,324	0.9050	39.130	1	2013-12	22339	2008
D		6.1	8.6	37.0	364	Y	1,693	18,562	0.9180	38.500	1	2014-12	16456	2003
D	298		6.0	47.6	366	Y	1,712	18,878	0.9300	38.050	1	2010-12	06360	1986
V	297	6.4	6.0	47.0	353	Y	1,504	15,180	0.8750		0	2012-12	25108	2009
V	298	11.8	12.4	11.1	358	Y	1,829	19,668	0.9150	36.690	1		09459	1995
V	298	6.4	11.4	19.8	368	Y	1,824	20,044	0.9280	38.280	1		12682	2000
D		2.5	7.1	32.0	365	Y	1,738	19,118	0.8760	37.870	2	2014-12	15107	2002
D		2.4	6.2	27.0	367	Y	1,809	21,952	0.8090	40.450	1	2016-12	22196	2007
D					367	Y		21,987			0	2012-12	22196	2007
V	1,788	3.5	7.5	27.9	363	Y	1,712	21,039	0.9330	37.468	7	2014-12	07268	1990
V	166	1.4	7.2	18.0	362	Y	1,713	17,910	0.9160		1	2009-12	10535	1997
D	297		11.1	30.6	378	Y	2,239	30,791	0.9990	37.940	1	2011-12	04861	1979
D	891		6.6	34.5	378	Y	2,091	30,821	0.9960	37.568	3	2011-12	22046	2006
D	891		7.3	29.9	375	Y	2,106	30,114	1.0100	37.288	4	2014-12	22156	2007
V	299	7.5	5.6	32.0	377	Y	2,307	34,246	0.9860	37.780	1	2012-12	21527	2009

Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
4800 HIGHHAT MOUNTAIN										
PARDONET-BALDONNEL - B	861	80.0	688	0	486	202	0.547	376	266	110
PARDONET-BALDONNEL - C	592	80.0	474	0	257	217	0.661	313	170	143
PARDONET-BALDONNEL - D	965	90.0	868	0	489	379	0.831	722	406	316
PARDONET-BALDONNEL - E	1,013	80.0	810	0	202	608	0.571	463	115	348
TOTAL FIELD	3,431		2,840	0	1,434	1,406		1,874	957	917
4850 HOFFARD										
SLAVE POINT - A	376	65.0	245	0	150	95	0.757	185	114	71
SLAVE POINT - B	353	65.0	229	0	171	58	0.805	185	138	47
SLAVE POINT - C	526	65.0	342	0	307	35	0.750	256	230	26
SLAVE POINT - D	225	65.0	146	0	107	39	0.758	111	81	30
SLAVE POINT - E	10	65.0	6	0	5	1	0.738	5	4	1
TOTAL FIELD	1,490		968	0	740	228		742	567	175
4860 HOSSITL										
SLAVE POINT - A	1,548	15.7	243	0	243	0	0.771	187	187	0
SLAVE POINT - B	141	25.0	35	0	0	35	0.748	26	0	26
SLAVE POINT - D	60	25.0	15	0	0	15	0.706	11	0	11
SLAVE POINT - E	367	32.6	119	0	119	0	0.746	89	89	0
SLAVE POINT - F	399	23.9	95	0	95	0	0.750	71	71	0
SLAVE POINT - G	734	7.0	52	0	51	1	0.746	38	38	0
SLAVE POINT - H	655	19.4	127	0	127	0	0.749	95	95	0
SLAVE POINT - I	684	15.6	107	0	106	1	0.751	80	80	0
TOTAL FIELD	4,588		793	0	741	52		597	560	37
4875 HUNTER										
BLUESKY - A	41	25.0	10	0	5	5	0.747	8	4	4
SIPHON - A	35	70.0	24	0	2	22	0.884	22	2	20
HALFWAY - A	700	80.0	560	0	449	111	0.737	413	331	82
HALFWAY - B	312	90.0	281	0	75	206	0.871	244	65	179
HALFWAY - C	106	90.0	95	0	5	90	0.747	71	4	67
TOTAL FIELD	1,194		970	0	536	434		758	406	352

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
4800 HIGHHAT MOUNTAIN														
V	294	41.6	2.6	10.0	375	Y	2,386	36,837	0.9290	37.920	1		09363	1996
M	0	39.4	4.8	9.0	379	Y	2,431	35,042	0.9690	37.530	1	2008-12	09302	1996
D	294	0.0	3.0	10.0	368	Y	2,281	35,255	1.0180	37.770	1	2010-12	10615	1998
V	294	35.0	4.0	10.0	372	Y	2,124	32,662	0.9130	37.680	1		11997	1999
4850 HOFFARD														
D	259	9.8	10.3	16.6	382	Y	1,489	21,994	0.9490	31.630	1	2003-12	01576	1965
D	0	38.1	7.0	29.2	388	Y	1,675	22,118	0.9540	34.801	1	2003-12	02470	1969
D	0	14.7	7.7	19.0	381	Y	1,479	22,867	0.9440	32.850	1	2010-12	07023	1989
D		61.3	7.7	10.1	385	Y	1,544	22,641	0.9500	32.970	2	2014-12	07309	1990
D	269		4.9	18.8	385	Y	1,550	22,629	0.9500		1	2010-12	07400	1990
4860 HOSSITL														
X	259	48.5	9.5	7.6	386	Y	1,401	18,002	0.9450	33.274	1	2010-12	02234	1968
V	200	7.3	8.0	12.0	383	Y	1,358	17,175	0.9300		0		03897	1977
V	200	4.0	6.9	20.0	381	N	1,357	17,009	0.9300	37.058	0		04227	1978
V	259	13.6	8.4	8.5	384	Y	1,358	17,055	0.9330	36.394	2		06806	1988
V	259	13.7	8.7	5.3	383	Y	1,393	17,322	0.9430		1		07008	1989
X	259	34.0	6.6	12.3	380	Y	1,451	17,882	0.9290		1	2014-12	07069	1989
X	260	20.9	9.5	12.7	373	Y	1,435	17,595	0.9230	37.250	1	2010-12	07810	1992
X	260	27.5	7.5	6.3	386	Y	1,401	17,370	0.9400	33.370	1	2010-12	08327	1994
4875 HUNTER														
V	280	3.4	16.5	56.0	331	Y	217	6,352	0.9110	41.090	1	2010-12	06997	1989
V	280	1.8	13.1	21.9	328	Y	246	6,940	0.8890	42.590	1	2010-12	23467	2009
D	0	3.6	21.4	21.5	330	Y	297	7,371	0.8840	42.370	2	2013-12	06846	1988
V	280	7.2	25.4	17.5	327	Y	304	7,544	0.8890	40.860	1	2009-12	22719	2007
V	280	4.3	21.8	35.5	329	Y	302	6,540	0.9050	40.840	1	2010-12	23467	2009

Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
4900 INGA										
BLUESKY-GETHING - A	22	90.0	20	0	18	2	0.868	17	16	1
BLUESKY-GETHING - B	154	5.1	8	0	8	0	0.858	7	7	0
DUNLEVY - A	556	80.0	445	3	399	46	0.868	386	346	40
DUNLEVY - D	402	89.0	357	0	357	0	0.860	307	307	0
DUNLEVY - F										
SOLN	12	50.0	6	0			0.852	5		
CAP	62	90.0	55	0	51	10	0.852	47	43	9
TOTAL GAS	74		61	0	51	10		52	43	9
BALDONNEL - B	494	15.8	78	0	78	0	0.848	66	66	0
BALDONNEL - D	77	56.0	43	0	43	0	0.861	37	37	0
BOUNDARY LAKE	6	64.8	4	0	4	0	0.896	4	3	1
COPLIN - A	61	70.0	42	0	31	11	0.838	36	26	10
COPLIN - C - PURSUIT PROJ										
SOLN	8	50.0	4	0			0.851	4		
CAP	59	80.0	47	0	40	11	0.851	40	34	10
TOTAL GAS	67		51	0	40	11		44	34	10
COPLIN - E	86	80.0	68	0	44	24	0.825	56	37	19
COPLIN - F	5	70.0	4	0	3	1	0.812	3	3	0
INGA - A										
SOLN	60	65.0	39	0	19	20	0.830	32	16	16
INGA - A - CNRL UNIT #1										
SOLN	1,002	62.0	621	0			0.798	496		
CAP	68	80.0	55	0	671	5	0.798	43	535	4
TOTAL GAS	1,070		676	0	671	5		539	535	4
INGA - A - CNRL UNIT #3	4,100	85.0	3,485	12	3,288	197	0.801	2,790	2,633	157
INGA - A - PURSUIT UNIT #2										
SOLN	874	75.0	655	0	637	18	0.813	533	518	15
INGA - A - REMINGTON UNIT #4										
SOLN	168	45.0	76	0	71	5	0.801	60	57	3
INGA - A - PURSUIT UNIT #5										
SOLN	206	90.0	185	0	165	20	0.821	152	135	17
INGA - A - PEMBINA PROJECT										
SOLN	328	80.0	262	0	198	64	0.796	209	157	52
INGA										
SOLN	24	90.0	22	0	0	22	0.813	18	0	18
A MARKER/BASE OF LIME - A										
SOLN	3	50.0	2	0	0	2	0.867	1	0	1
HALFWAY - A	171	80.0	137	0	114	23	0.697	95	79	16
HALFWAY - C	165	90.0	149	0	128	21	0.627	93	80	13
HALFWAY - D	40	80.0	32	0	22	10	0.629	20	14	6
HALFWAY - E	397	80.0	318	0	252	66	0.725	230	183	47
HALFWAY - F	221	50.0	111	0	11	100	0.787	87	9	78
DOIG - E	339	90.0	305	15	91	214	0.786	240	72	168

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
4900 INGA														
M	0	3.7	11.0	21.3	321	Y	347	12,542	0.8180		1	2012-12	01580	1965
X	283	5.5	11.1	21.2	328	Y	355	10,523	0.8060		1		03809	1976
M	0	6.6	8.5	34.1	328	Y	419	9,532	0.8400	41.848	7		03376	1973
M		0.0	9.5	32.6	328	Y	415	9,532	0.8500	44.100	2	2015-12	03227	1972
												2010-12	04100	1978
V	284	4.3	7.7	27.4	327	Y	407	8,827	0.8510	44.287	2	2010-12	04100	1978
X	911	5.4	11.0	31.1	326	Y	550	12,335	0.8120		0	2002-12	02327	1968
D	518		6.5	31.0	328	Y	554	12,543	0.8250	41.620	3	2017-12	01580	1965
D					333	Y		15,814	0.8420	41.550	1	2012-12	00412	1959
M	259		8.5	25.0	325	Y	706	12,108	0.8060	41.440	1	2011-12	09981	1996
												2010-12	07924	1992
D	0	1.3	13.5	10.1	322	Y	747	14,325	0.8390		2	2010-12	07924	1992
D	518		12.3	25.0	331	Y	769	14,987	0.8170	42.350	2	2011-12	16182	2003
D	259		9.8	30.0	333	Y	758	13,663	0.8410	43.370	1	2011-12	02938	1971
D		1.2			333	Y				42.390	7	2017-12	01776	1966
												2017-12	01776	1966
D	900	1.4	10.2	18.1	333	Y	741	16,023	0.7540	43.370	36	2017-12	01776	1966
M		2.0	13.9	13.3	333	Y	741	15,789	0.8230	42.720	3	2016-12	01776	1966
D	0	0.0			333	Y	741			42.669	49	2010-12	01776	1966
D		1.5			333	Y	741			49.930	5	2016-12	01776	1966
D	0	2.1			333	Y	741			44.730	12	2013-12	01776	1966
D	0	1.4	13.2	10.2	331	Y	712	16,023	0.8050	42.987	2	2003-12	01776	1966
D	284		10.6		332	Y	653	2,826	0.9490		0	2010-12	02144	1967
V	65	0.7			335	Y	814			45.460	1	2012-12	28059	2012
V	200	7.5	9.0	29.0	327	Y	951	15,364	0.7500	39.420	1		05431	1980
D	0	3.6	10.0	31.6	335	Y	871	14,353	0.7180	39.155	2	2003-12	07206	1990
D	259	0.0	9.3	26.9	334	Y	878	15,652	0.7500	46.520	1	2010-12	07151	1989
D	0	12.1	8.5	34.8	335	Y	780	13,215	0.8050	42.851	4	2003-12	07482	1990
V	283	7.2	10.7	33.9	338	Y	776	13,871	0.7610	43.100	1	2003-12	08261	1993
V	777	5.4	4.9	13.4	336	Y	946	17,646	0.7840	50.608	5	2012-12	23022	2007

**Pool Reserve Report - Gas
As of December 31, 2017**

Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
4900 INGA										
DOIG - F	241	90.0	217	14	92	125	0.785	170	72	98
DOIG - G	170	50.0	85	1	62	23	0.785	67	49	18
DOIG - H	325	90.0	293	4	126	167	0.809	237	102	135
DOIG - I	65	90.0	59	1	10	49	0.840	49	8	41
DOIG - J	151	90.0	136	2	39	97	0.737	100	29	71
DOIG - K	165	90.0	149	15	84	65	0.679	101	57	44
DOIG - L	241	90.0	217	7	110	107	0.809	175	89	86
DOIG - M	47	90.0	43	2	32	11	0.772	33	24	9
DOIG - N	168	90.0	151	8	62	89	0.656	99	41	58
DOIG - O	196	90.0	176	8	46	130	0.656	115	30	85
DOIG - Q	291	90.0	262	16	103	159	0.787	206	81	125
DOIG - S		90.0	173	5	69	104	0.765	133	53	80
DEBOLT - A	53	11.3	6	0	6	0	0.724	4	4	0
DEBOLT - B	303	.8	2	0	2	0	0.879	2	2	0
DEBOLT - C	315	1.5	5	0	5	0	0.877	4	4	0
EXSHAW - A	530	90.0	477	0	0	477	0.907	433	0	433
TOTAL FIELD	13,431		10,086	113	7,591	2,495		8,042	6,058	1,984
4920 INGA NORTH										
INGA - A - CNRL UNIT #1	65	10.0	7	0	1	6	0.363	2	0	2
TOTAL FIELD	65		7	0	1	6		2	0	2
4975 JACKPINE										
CADOTTE - A	424	80.0	339	5	278	61	0.738	250	205	45
CADOTTE - B	39	80.0	31	0	30	1	0.741	23	22	1
CADOTTE - D	46	20.0	9	0	4	5	0.739	7	3	4
CADOTTE - E	58	90.0	53	1	27	26	0.753	40	20	20
CADOTTE - G	58	85.0	49	1	17	32	0.686	34	12	22
CADOTTE - I	340	90.0	306	10	199	107	0.720	221	143	78
NIKANASSIN - A	34	90.0	30	1	20	10	0.701	21	14	7
TOTAL FIELD	999		817	18	575	242		596	419	177

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
4900 INGA														
V	256	10.2	5.4	14.0	337	Y	912	18,568	0.7880		4	2016-12	23044	2007
V	259	9.0	4.8	14.0	337	Y	930	16,333	0.7780	49.490	3	2015-12	23887	2008
V	518	6.3	8.5	34.8	336	Y	780	17,020	0.8010	50.735	4	2012-12	16735	2004
V	259	4.4	4.0	28.0	337	Y	861	18,362	0.7810	43.260	2	2009-12	23884	2008
V	259	6.0	5.0	12.0	337	Y	890	18,097	0.6920	52.560	1	2012-12	27240	2012
V	259	7.0	4.8	14.0	337	Y	910	18,097	0.6920	57.080	2	2012-12	26632	2011
D	518	3.0	5.0	15.0	335	Y	941	18,500	0.7930	45.680	3	2016-12	28179	2012
D	518	6.0	5.0	11.3	336	Y	883	19,321	0.7870	46.550	1	2017-12	28718	2013
D		41.9	5.3	14.0	336	Y	964	17,940	0.7060	52.670	2	2014-12	29161	2013
D		20.0	5.0	15.0	336	Y	947	16,344	0.6980	52.670	2	2015-12	29304	2013
D	259	3.0	4.0	15.0		Y	- 948			45.680	1	2016-12	29994	2014
V	259	10.0	5.0	20.0	335	Y	956	17,250	0.7870	43.590	1	2015-12	30385	2014
X	284	3.0	5.9	36.0	349	Y	1,150	17,780	0.8840	42.630	1	2010-12	07482	1990
X	190	19.0	6.5	19.7	341	Y	1,170	17,750	0.9200	42.230	1	2010-12	07718	1991
X	284	11.3	10.7	44.0	349	Y	1,147	17,566	0.8730	42.160	1	2010-12	08033	1993
V	284	16.0	4.0	15.0	380	N	1,974	58,101	1.2680	37.870	0	2010-12	24184	2009
4920 INGA NORTH														
V	284	1.3	11.7	26.0	336	N	733	16,161	0.6700	40.690	1	2010-12	02533	1969
4975 JACKPINE														
D		4.7	7.7	30.7	340	Y	1,010	7,445	0.9140	35.410	3	2016-12	06590	1986
D	293		11.4	22.6	339	Y	1,082	6,872	0.9140		1	2010-12	06508	1986
V	293	1.0	17.5	6.5	346	Y	1,068	10,433	0.8890	41.030	1	2002-12	07171	1989
V	295	11.4	5.9	15.1	340	Y	1,144	3,959	0.9540	41.710	1	2009-12	07374	1990
D	295	4.0	8.5	22.7	330	Y	985	7,627	0.8860		1		05309	1980
D		11.5	8.5	21.0	343	Y	1,110	3,765	0.9540	39.333	2	2013-12	16363	2004
D		18.0	6.5	12.0	365	Y	1,956	18,900	0.9430		1	2014-12	24086	2008

Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
5000 JEDNEY										
BLUESKY	9	70.0	7	0	6	1	0.811	5	5	0
GETHING - A	6	52.8	3	0	3	0	0.768	2	2	0
BALDONNEL/UPPER CHARLIE LAKE - A	15,577	90.0	14,020	50	12,856	1,164	0.776	10,874	9,971	903
BALDONNEL/UPPER CHARLIE LAKE - B	180	90.0	162	0	0	162	0.814	132	0	132
BALDONNEL/UPPER CHARLIE LAKE - C	183	90.0	165	0	39	126	0.803	132	32	100
HALFWAY - A	9,758	80.0	7,806	60	6,984	822	0.766	5,981	5,351	630
HALFWAY - B	215	10.0	22	0	10	12	0.730	16	7	9
HALFWAY - C	20	90.0	18	0	14	4	0.719	13	10	3
HALFWAY - D	422	90.0	380	0	0	380	0.704	267	0	267
HALFWAY - G	138	5.0	7	0	2	5	0.799	6	2	4
TOTAL FIELD	26,508		22,590	110	19,914	2,676		17,428	15,380	2,048
5020 JEDNEY WEST										
BALDONNEL - A	37	31.0	11	0	11	0	0.805	9	9	0
BALDONNEL	249	90.0	224	0	188	36	0.811	182	153	29
HALFWAY - A	646	1.8	12	0	12	0	0.830	10	10	0
TOTAL FIELD	932		247	0	211	36		201	172	29
5100 JULIENNE CREEK										
GETHING - A	1,702	60.0	1,021	14	626	395	0.872	890	546	344
GETHING - B	490	90.0	441	7	363	78	0.817	360	296	64
GETHING	24	90.0	22	0	15	7	0.825	18	12	6
CADOMIN - A	76	45.0	34	0	30	4	0.864	29	26	3
BALDONNEL - A - PETRO-CAN PROJECT	448	13.8	62	0	62	0	0.873	54	54	0
HALFWAY - A - PETRO-CAN PROJECT	217	84.0	182	0	175	7	0.883	161	155	6
HALFWAY - B	145	90.0	131	0	4	127	0.795	104	3	101
TOTAL FIELD	3,102		1,893	21	1,275	618		1,616	1,092	524
5110 JULIENNE CREEK NORTH										
BALDONNEL - A	263	80.0	211	0	90	121	0.807	170	73	97
HALFWAY - A	43	37.3	16	0	16	0	0.884	14	14	0
DEBOLT - A - CANHUNTER PROJECT	349	27.3	95	0	95	0	0.906	86	86	0
TOTAL FIELD	655		322	0	201	121		270	173	97

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
5000 JEDNEY														
D	280				336	Y	335	10,940	0.7550	43.890	1	2011-12	00492	1959
M	0	3.0	11.0	24.0	327	Y	343	7,853	0.8740		1	2012-12	01366	1963
D	0	8.5	8.0	14.0	334	Y	356	11,556	0.8410	39.660	55	2007-12	09383	1958
V	279	15.0	7.0	35.0	338	Y	399	9,699	0.8630	43.830	1	2010-12	16355	2003
V	265	8.5	9.5	19.5	331	Y	395	10,493	0.8470	41.260	1	2010-12	17773	2004
D			10.0	20.0	339	Y	581	11,687	0.8550	41.669	38	2017-12	00382	1958
V	279	10.2	8.5	22.0	341	Y	534	11,553	0.8450	42.630	1	2014-12	01907	2000
D	279		5.9	32.3	345	Y	529	11,658	0.8420		1	2010-12	06705	1987
V	259	30.9	6.9	34.9	339	Y	533	11,658	0.8330		1		06669	1987
V	279	8.5	9.8	37.9	340	Y	534	9,678	0.8470	43.110	1	2012-12	07004	2000
5020 JEDNEY WEST														
M	0	3.4	9.0	64.0	337	Y	457	11,280	0.8650		0		01081	1962
D	0	0.0	0.0	0.0	338	Y	431	11,276	0.8550		1	2012-12	10934	1998
X	1,159	10.6	8.0	45.0	342	Y	640	12,286	0.8550		0	2002-12	01081	1962
5100 JULIENNE CREEK														
D	1,074	0.0	11.2	12.9	334	Y	381	11,990	0.8540	41.017	21	2010-12	19930	2006
D	1,967	3.0	8.7	18.4	333	Y	329	11,948	0.8650	40.642	10	2016-12	22561	2007
D	281				331	Y	285	9,202	0.8810		1	2012-12	19627	2005
D	281		7.4	17.7	334	Y	376	12,609	0.8720	37.770	1	2017-12	23958	2008
X	571	7.5	9.6	25.0	333	Y	539	14,052	0.8260	40.913	2	2003-12	00304	1958
M	0	2.0	8.3	25.0	354	Y	863	16,134	0.8880	39.229	2		00304	1958
V	453	4.2	6.6	29.3	345	Y	859	17,427	0.8790	36.240	2	2008-12	19930	2005
5110 JULIENNE CREEK NORTH														
V	798	4.3	8.0	28.4	333	Y	452	13,415	0.8550	43.682	4	2012-12	00757	1961
V	281	2.1	6.7	25.9	345	Y	788	15,658	0.8720		1		04017	1977
X	281	6.4	11.8	11.3	359	Y	1,239	21,298	0.9090		1	2002-12	04017	1977

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	1	2	3	4	5	6	7	8	9	10
Field / Pool / Project	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
5120 JULIENNE CREEK SOUTH										
BLUESKY	20	80.0	16	0	13	3	0.899	15	11	4
HALFWAY - A	123	90.0	111	0	86	25	0.878	98	75	23
DEBOLT - A	65	85.0	55	0	55	0	0.906	50	50	0
DEBOLT - B	21	16.1	3	0	3	0	0.880	3	3	0
TOTAL FIELD	229		185	0	157	28		166	139	27
5150 JUNIOR										
JEAN MARIE - B	30	80.0	24	1	22	2	0.849	20	19	1
SLAVE POINT - A - TALISMAN PROJECT	308	64.0	197	0	197	0	0.776	153	153	0
SLAVE POINT - B - TALISMAN PROJECT	293	80.0	234	0	38	196	0.780	183	30	153
SLAVE POINT - D - BCSTAR PROJECT	110	15.8	17	0	17	0	0.768	13	13	0
TOTAL FIELD	741		472	1	274	198		369	215	154
5160 KAHNTAH RIVER										
BLUESKY-GETHING-MONTNEY - A	2,451	80.0	1,961	30	1,017	944	0.864	1,693	878	815
BLUESKY-GETHING-MONTNEY - B	1,324	90.0	1,191	0	778	413	0.880	1,049	685	364
JEAN MARIE - B	5	70.0	4	0	2	2	0.908	3	2	1
JEAN MARIE - C	22	80.0	17	0	2	15	0.908	16	2	14
TOTAL FIELD	3,802		3,173	30	1,799	1,374		2,761	1,567	1,194

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
5120 JULIENNE CREEK SOUTH														
D	282				329	Y	270	10,617	0.8680	40.800	1	2010-12	04080	1977
D		7.9	8.4	23.8	347	Y	835	14,711	0.8740	41.540	1	2013-12	02779	1970
M	0	11.9	6.6	26.2	361	Y	1,366	20,346	0.9120		1	2012-12	03955	1977
X	0	26.5	5.7	27.0	370	Y	1,571	21,629	0.9260		1	2010-12	04080	1977
5150 JUNIOR														
V	271	2.2	7.0	25.0	350	Y	1,022	10,466	0.8910	41.100	1	2008-12	11975	1999
X	259	14.6	6.4	16.3	376	Y	1,501	18,823	0.9350		1	2003-12	00926	1962
V	518	7.5	7.6	34.4	374	Y	1,515	18,655	0.9390	36.220	1	2010-12	01249	1963
X	259	5.2	6.4	16.3	371	Y	1,479	18,402	0.9250		1	2002-12	03908	1977
5160 KAHNTAH RIVER														
V	17,135	2.8	14.5	33.2	314	Y	150	5,229	0.8980	44.787	57	2007-12	12922	2000
V	11,562	3.3	15.7	52.0	315	Y	194	4,630	0.9080	39.841	49	2012-12	08436	1994
D	274	0.0	4.0	40.0	353	Y	1,134	12,501	0.9060		1	2012-12	18915	2005
V	274	2.3	5.0	40.0	351	Y	1,107	12,875	0.9020		1	2012-12	18790	2005

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Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
5170 KELLY										
CARDIUM SAND	7	80.0	5	0	4	1	0.611	3	2	1
DOE CREEK - A	SOLN	23	70.0	16	1	5	0.745	12	4	8
DOE CREEK - B		122	90.0	110	2	67	0.906	99	61	38
DOE CREEK - C		167	80.0	133	4	55	0.745	99	41	58
DUNVEGAN - A		29	90.0	26	1	19	0.870	23	17	6
PADDY - A - CANHUNTER PROJECT		42	90.0	38	0	24	0.893	34	22	12
PADDY - B		2	85.0	2	0	2	0.825	2	1	1
PADDY - C		138	90.0	124	0	0	0.932	115	0	115
PADDY - D		80	80.0	64	1	37	0.927	60	34	26
PADDY		37	90.0	33	0	0	0.916	31	0	31
CADOTTE - B - CANHUNTER PROJECT		397	90.0	357	7	330	0.936	334	308	26
CADOTTE - C - CANHUNTER PROJECT		450	90.0	405	3	203	0.940	381	190	191
CADOTTE - D - CANHUNTER PROJECT		36	80.0	29	0	0	0.938	27	0	27
CADOTTE - E		47	80.0	37	0	33	0.737	27	25	2
CADOTTE - F		126	90.0	113	1	30	0.738	83	22	61
CADOTTE - G		89	90.0	81	1	67	0.888	71	59	12
CADOTTE - H		291	80.0	233	3	134	0.937	218	126	92
CADOTTE - I		187	80.0	150	5	105	0.942	141	99	42
CADOTTE - J		56	1.0	1	0	0	0.694	0	0	0
CADOTTE - K		108	80.0	87	2	60	0.944	82	57	25
CADOTTE - L		164	90.0	147	3	117	0.721	106	84	22
CADOTTE - M		55	80.0	44	1	33	0.730	32	24	8
CADOTTE - N		101	90.0	91	1	85	0.720	65	61	4
CADOTTE - O		174	90.0	156	2	51	0.735	115	37	78
CADOTTE - Q		172	85.0	146	1	119	0.898	131	107	24
CADOTTE		196	90.0	177	0	0	0.596	105	0	105
FALHER A - A		1,147	90.0	1,033	14	773	0.744	769	575	194
FALHER A - B		4,598	80.0	3,679	49	1,815	0.928	3,412	1,684	1,728
FALHER A - C		83	80.0	66	1	44	0.745	49	33	16
FALHER A - D		17	80.0	14	0	12	0.905	12	10	2
FALHER A - E		35	15.0	5	0	4	0.920	5	4	1
FALHER B - A		485	80.0	388	10	332	0.941	365	313	52
FALHER B - A - CANHUNTER PROJECT		890	80.0	712	5	444	0.917	653	407	246
FALHER B - B		66	90.0	60	1	56	0.927	55	52	3

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
5170 KELLY														
D	296				296	Y	185	3,296	0.7920	63.340	1	2015-12	23654	2008
D	148	2.3			320	Y	396			43.498	2	2017-12	08211	1993
D	0	4.1	21.4	26.0	325	Y	541	3,632	0.9360		1	2012-12	07952	1992
D		2.5	13.5	26.2	322	Y	546	3,623	0.9220	44.555	2	2014-12	16334	2003
D	296	0.0	19.0	20.8	321	Y	496	3,795	0.9220		1	2016-12	06919	1988
D	0	3.1	18.2	13.4	351	Y	1,017	14,834	0.8360		1	2012-12	05425	1981
D		3.5	16.6	18.0	340	Y	914	13,570	0.8130	45.280	1	2013-12	15067	
V	296	3.8	12.8	10.0	345	N	1,087	11,327	0.8790	41.530	0	2010-12	19119	2005
D		2.6	10.2	15.0	343	Y	1,022	10,749	0.8770	40.550	1	2012-12	18902	2005
D	295				343	Y	1,021	10,745	0.8770		0	2010-12	18902	2005
D	0	4.4	8.8	37.6	343	Y	1,251	13,087	0.8720		2	2007-12	06623	1987
D	0	5.7	9.3	21.0	345	Y	1,126	13,172	0.8710		1	2012-12	06897	1989
V	150	2.5	9.8	19.0	347	N	1,118	13,125	0.8900	99.000	0		06947	1990
D		10.9	6.2	17.5	344	Y	1,217	13,006	0.8880	39.310	1	2013-12	08236	1993
V	296	4.8	8.2	10.7	347	Y	1,202	13,054	0.8860	43.090	1		11481	1998
D	594		10.9	27.6	350	Y	1,318	9,988	0.9030	24.526	2	2010-12	13004	2000
D		2.0	8.8	13.4	349	Y	1,276	13,157	0.8830		3	2015-12	06322	1997
D		2.5	10.9	16.9	349	Y	1,279	13,212	0.8890	39.710	2	2015-12	13264	2001
V	297	3.2	8.2	22.0	351	Y	1,348	10,918	0.9520	39.460	1	2009-12	14963	2002
D		1.7	7.4	25.1	351	Y	1,325	9,980	0.9060	39.179	3	2015-12	14174	2001
V	592	3.5	9.6	27.8	348	Y	1,242	12,494	0.8950	38.970	2	2010-12	15076	2002
V	226	3.1	8.7	24.8	348	Y	1,239	13,215	0.8930	38.860	2	2010-12	12613	2000
D		4.3	9.5	22.0	349	Y	1,252	9,490	0.9120		1	2010-12	13265	2000
V	297	6.2	9.7	18.7	352	Y	1,289	12,970	0.8770	41.980	1	2010-12	22388	2008
V	510	4.2	9.8	37.5	344	Y	1,037	13,643	0.8620	44.050	2	2011-12	15469	2003
D					344	Y	1,072	13,643	0.8620		0	2010-12	17009	2004
V	3,289	5.4	6.2	30.1	348	Y	1,232	15,839	0.8683	40.789	11	2012-12	04252	1978
V	10,452	6.8	6.3	27.0	352	Y	1,370	15,132	0.8690	39.395	35	2007-12	04400	1978
V	296	3.8	8.0	32.0	349	Y	1,274	14,535	0.8780	40.900	1	2003-12	12178	2000
D	297		8.1	24.0	356	Y	1,486	15,048	0.9170	39.230	1	2016-12	14963	2002
V	296	1.9	6.8	28.0	355	Y	1,451	14,073	0.8790	41.650	1	2009-12	14643	2001
D	0	7.6	6.5	37.5	353	Y	1,368	15,180	0.8690	39.649	10	2010-12	05715	1982
D	0	10.3	6.3	32.6	353	Y	1,368	15,180	0.8690		6	2003-12	05715	1982
D	296		6.8	20.0	345	Y	1,258	14,465	0.8630	43.440	2	2009-12	06897	1989

Field / Pool / Project	1 Original Gas In Place 10E6 m3	2 Recovery Factor %	3 Initial Reserves (Raw) 10E6 m3	4 Annual Prod (Raw) 10E6 m3	5 Cumul Prod (Raw) 10E6 m3	6 Remaining Reserves (Raw) 10E6 m3	7 Shrink Factor	8 Initial Reserves (Mktble) 10E6 m3	9 Cumul. Prod (Mktble) 10E6 m3	10 Remain'g Reserves (Mktble) 10E6 m3
5170 KELLY										
FALHER B - C	539	80.0	431	2	403	28	0.721	311	290	21
FALHER B - D	23	80.0	18	0	17	1	0.739	14	12	2
FALHER B - E	27	80.0	22	1	13	9	0.507	11	6	5
FALHER D - A	133	90.0	120	0	10	110	0.694	83	7	76
FALHER E	4	70.0	3	0	1	2	0.742	2	1	1
BLUESKY - A	69	50.0	34	0	13	21	0.738	25	9	16
GETHING - A - CANHUNTER PROJECT	232	25.0	58	0	0	58	0.946	55	0	55
GETHING - B	236	80.0	188	3	100	88	0.943	178	95	83
GETHING - C - CANHUNTER PROJECT	36	70.0	25	1	23	2	0.933	24	22	2
GETHING - D	53	80.0	42	0	12	30	0.694	29	8	21
GETHING - E	184	90.0	166	2	57	109	0.694	115	39	76
GETHING - G	105	80.0	84	1	71	13	0.933	78	66	12
GETHING - H	7	90.0	6	0	6	0	0.893	6	5	1
GETHING - I	199	90.0	179	0	0	179	0.933	167	0	167
NIKANASSIN - A	164	90.0	147	6	116	31	0.920	136	106	30
NIKANASSIN	273	90.0	246	9	134	112	0.714	176	96	80
DOIG - A	10,826	90.0	9,743	392	7,141	2,602	0.895	8,716	6,389	2,327
MONTNEY - A	105	12.0	13	0	3	10	0.883	11	3	8
TOTAL FIELD	23,832		20,287	536	13,180	7,107		17,853	11,613	6,240

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
5170 KELLY														
D	0	4.5	6.3	26.9	351	Y	1,339	15,035	0.8670	41.341	4	2003-12	07720	1991
D		3.8	5.1	19.2	351	Y	1,251	15,035	0.8780	42.980	1	2015-12	13324	2000
D	296		7.8	30.0	347	Y	1,290	13,560	0.8330	42.220	1	2010-12	21550	2007
V	296	4.8	8.6	21.0	357	Y	1,314	14,977	0.8660	43.510	1	2009-12	21548	2007
D	296				350	Y		19,052	0.8900	40.620	1	2011-12	25138	2009
V	296	1.4	10.6	28.0	363	Y	1,697	26,625	0.9570	38.340	1	2010-12	14413	2001
V	296	8.0	8.0	41.9	372	N	1,492	26,458	0.9610		0		04999	1980
V	695	2.1	8.9	15.3	355	Y	1,453	25,525	0.9550	39.020	4	2009-12	06132	1985
D		7.0	7.0	27.6	373	Y	1,642	25,068	0.9510	38.270	1	2013-12	06114	1984
V	295	1.7	8.0	30.4	353	Y	1,568	22,109	0.9380	40.420	1	2010-12	14140	2001
V	295	5.4	9.9	45.2	359	Y	1,576	25,930	0.9640	38.770	1	2003-12	14173	2001
D			11.4	37.0	357	Y	1,484	25,718	0.9330	40.090	1	2014-12	14068	2001
D		1.5	13.5	38.0	363	Y	1,550	18,409	0.9120	39.000	1	2016-12	15844	2003
V	299	4.8	10.5	42.0	360	Y	1,581	27,500	0.9540		0	2012-12	20341	2006
D	1,480		7.0	9.2	358	Y	1,581	21,898	0.9030	39.823	5	2010-12	14272	2001
D	295				363	Y	1,803	17,726	0.9130	38.480	4	2017-12	24566	2009
V	9,300	10.0	5.3	14.4	381	Y	2,318	35,648	1.0370	35.764	38	2012-12	16166	2003
D					388	Y		58,007	1.2640	37.840	1	2013-12	25803	2010

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5180 KLUA										
DEBOLT - A	32	60.0	19	0	16	3	0.818	16	13	3
DEBOLT - C	175	25.0	44	0	0	44	0.820	36	0	36
SLAVE POINT - A	102	50.0	51	0	0	51	0.789	40	0	40
SLAVE POINT - B	3,794	38.5	1,459	0	1,458	1	0.759	1,107	1,106	1
SLAVE POINT - C	330	25.0	83	0	0	83	0.775	64	0	64
SLAVE POINT - D	5,000	20.0	1,000	0	831	169	0.768	768	638	130
SLAVE POINT - E	393	25.0	98	0	87	11	0.766	75	67	8
SLAVE POINT - F	215	30.0	65	0	0	65	0.784	51	0	51
PINE POINT - A	686	70.0	480	0	462	18	0.536	257	247	10
PINE POINT - B	468	80.0	374	0	369	5	0.514	192	190	2
PINE POINT - C	312	80.0	250	0	218	32	0.553	138	120	18
PINE POINT - D	961	90.0	865	0	821	44	0.651	563	535	28
PINE POINT - E	910	25.0	227	0	121	106	0.515	117	62	55
PINE POINT - F	283	55.0	156	0	141	15	0.406	63	57	6
PINE POINT - G	961	50.0	480	0	412	68	0.575	276	237	39
PINE POINT - H	996	65.0	647	0	590	57	0.489	317	289	28
PINE POINT - I	695	50.0	347	0	23	324	0.739	257	17	240
PINE POINT - J	742	25.0	186	0	39	147	0.757	140	30	110
PINE POINT - K	517	75.0	387	0	13	374	0.775	300	10	290
PINE POINT - L	1,326	80.0	1,061	0	78	983	0.774	821	60	761
PINE POINT - M	836	90.0	752	0	64	688	0.628	472	40	432
PINE POINT - N	430	60.0	258	0	6	252	0.776	200	5	195
PINE POINT - O	493	80.0	395	0	36	359	0.653	258	23	235
PINE POINT - P	917	90.0	826	0	505	321	0.487	402	246	156
PINE POINT - Q	906	80.0	725	0	277	448	0.542	393	150	243
PINE POINT - R	803	90.0	723	0	515	208	0.553	399	285	114
PINE POINT - S	659	90.0	593	0	196	397	0.643	381	126	255
TOTAL FIELD	23,942		12,551	0	7,278	5,273		8,103	4,553	3,550

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
5180 KLUA														
V	272	3.7	9.8	52.5	318	Y	181	6,902	0.8940	40.420	2	2007-12	03892	1977
V	270	8.5	12.1	18.1	315	N	221	7,427	0.8700		1		03235	1973
V	200	4.9	8.7	25.0	383	N	1,609	20,436	0.9500		0		00157	1956
M		28.7	8.1	19.2	384	Y	1,539	19,636	0.9410	32.780	1	2017-12	02817	1971
V	324	13.9	6.1	18.0	390	N	1,610	19,149	0.9520	36.340	0		03235	1973
D	0	42.4	9.6	19.7	386	Y	1,614	19,367	0.9520	32.950	1	2004-12	03894	1977
D	90	33.2	10.3	14.9	386	Y	1,629	19,374	0.9520		1	2004-12	04211	1978
V	200	9.5	8.4	13.0	385	N	1,606	19,730	0.9400		0		05613	1981
D	0	13.4	10.4	10.1	396	Y	1,834	26,110	0.9250	27.440	1		03241	1973
M	0	0.0	0.0	0.0	389	Y	1,492	22,539	0.9020	26.980	1		04276	1978
M	0	30.8	11.1	13.0	384	Y	1,904	27,700	0.9200		1	2010-12	07024	1989
D	0	70.8	6.1	10.0	401	Y	1,845	24,920	0.9470	31.183	2	2006-12	07168	1990
D	0	76.5	4.6	26.0	403	Y	1,898	24,997	0.9140		1		07243	1990
D	180	0.0	10.0	8.9	408	Y	1,855	24,865	0.9090	38.300	1	2010-12	07477	1991
D	0	46.1	6.6	14.5	407	Y	0	27,928	0.9510	37.710	1		07569	1991
D	0	30.1	7.3	10.1	400	Y	1,859	23,857	0.9120	37.990	1		07616	1992
V	271	23.5	7.4	6.8	394	Y	1,751	20,880	0.9530	37.090	1		08467	1994
V	271	38.1	5.1	10.0	395	Y	1,754	20,900	0.9610	37.040	1	2006-12	09541	1996
V	181	35.0	7.2	20.0	392	Y	1,665	18,538	0.9500	35.360	1	2005-12	10037	1996
V	271	75.0	5.0	10.0	393	Y	1,696	17,949	0.8960		1	2001-12	12251	1999
V	271	28.5	7.5	13.0	400	Y	1,806	21,791	0.9340	37.650	1		12435	2000
V	271	15.2	8.0	17.5	400	Y	1,736	20,258	0.9110		1		12878	2000
V	270	26.3	4.3	20.0	400	Y	1,872	27,556	0.9700	37.770	1	2006-12	13827	2001
D	434		11.0	5.3	389	Y	1,887	26,823	0.8870	37.560	1	2010-12	14589	2002
V	90	44.7	11.6	9.0	388	Y	1,849	26,546	0.9120	37.350	1	2006-12	16416	2003
D	90	0.0	11.5	9.8	397	Y	1,875	21,838	0.9130	36.810	1	2010-12	16850	2004
D	270	0.0	11.3	6.0	394	Y	1,862	26,651	0.9530	37.700	1	2010-12	09592	2006

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5200 KOBES										
DUNLEVY - A	694	73.7	511	0	511	0	0.882	451	451	0
BALDONNEL - A	929	72.0	669	0	664	5	0.885	592	587	5
BALDONNEL	73	38.0	28	0	28	0	0.854	24	24	0
CHARLIE LAKE - A	378	83.0	314	0	311	3	0.876	275	272	3
CHARLIE LAKE - B	942	90.0	848	2	726	122	0.881	747	639	108
CHARLIE LAKE - C	824	90.0	742	11	561	181	0.872	647	489	158
CHARLIE LAKE - D	135	80.0	108	2	98	10	0.897	97	88	9
CHARLIE LAKE - E	341	82.0	280	0	278	2	0.826	231	229	2
CHARLIE LAKE	24	80.0	19	1	18	1	0.888	17	16	1
BLUEBERRY - C	84	70.0	59	0	0	59	0.857	50	0	50
LOWER CHARLIE LAKE SANDS - A	150	40.5	61	0	60	1	0.888	54	53	1
HALFWAY - A	4,808	90.0	4,327	23	3,856	471	0.876	3,792	3,379	413
HALFWAY - D	86	90.0	78	2	62	16	0.886	69	55	14
HALFWAY - E	213	15.0	32	0	1	31	0.722	23	1	22
DOIG - A	50	25.0	12	0	0	12	0.884	11	0	11
DOIG - C	97	90.0	88	2	63	25	0.892	78	56	22
DOIG - D	1	82.9	1	0	1	0	0.884	1	1	0
DEBOLT - A	315	44.5	140	0	140	0	0.899	126	126	0
DEBOLT - B	396	5.7	23	0	22	1	0.888	20	20	0
DEBOLT - C	1,083	70.0	758	0	716	42	0.873	661	625	36
DEBOLT - F	113	83.5	95	0	94	1	0.881	83	83	0
TOTAL FIELD	11,736		9,193	43	8,210	983		8,049	7,194	855
5230 KOBES WEST										
INGA - A	107	96.0	103	0	101	2	0.895	92	91	1
TOTAL FIELD	107		103	0	101	2		92	91	1
5300 KOMIE										
SLAVE POINT	79	90.0	71	0	59	12	0.724	52	43	9
PINE POINT - A - APACHE PROJECT	446	80.0	357	0	140	217	0.746	266	105	161
TOTAL FIELD	525		428	0	199	229		318	148	170

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
5200 KOBES														
D		7.9	13.0	20.0	308	Y	218	10,356	0.8070	43.360	4	2017-12	00372	1958
V	1,044	11.6	7.7	25.8	330	Y	615	13,404	0.8600	39.163	5	2015-12	13366	2000
X	1,140				330	Y	606	13,404	0.8310	41.040	4	2010-12	11418	1998
D	858				332	Y	789	16,608	0.8340		3	2016-12	00299	1958
D	0	3.6	16.3	25.0	330	Y	739	17,775	0.8280	41.261	5	2007-12	00141	1956
D	1,425				330	Y	756	17,345	0.8320	42.264	8	2010-12	00251	1957
D	0	2.0	4.8	35.5	330	Y	686	16,159	0.8290		2	2007-12	02588	1970
M	0	1.0	9.1	15.2	328	Y	800	17,437	0.8160	43.190	2	2007-12	02089	1967
D	569				328	Y	686	16,162	0.8267		2	2010-12	07021	1989
D	285		5.0	42.0	328	Y	735	13,770	0.8400		0	2010-12	22651	2007
D		8.7	6.4	18.0	331	Y	863	16,624	0.8430		1	2017-12	06667	1987
D	0	7.4	6.5	25.0	335	Y	956	18,410	0.8340	41.602	9	2008-12	00141	1956
V	285	7.1	3.0	20.1	336	Y	940	18,006	0.8560	41.940	2	2005-12	07021	1989
V	284	6.4	8.2	25.0	340	Y	1,015	18,134	0.7970	42.120	1	2011-12	04965	2006
V	286	12.7	3.4	52.5	335	Y	901	8,725	0.8760		0	2002-12	06666	1987
V	285	3.7	7.0	25.7	337	Y	1,031	18,084	0.8590		1	2005-12	07021	1989
X	64		3.0	15.0	337	Y	863	22,438	0.8610	43.060	1	2010-12	19749	2005
X	285	12.2	7.3	10.5	342	Y	1,403	14,436	0.8650	36.721	0	2002-12	00164	1957
X	285	15.2	5.3	14.4	345	Y	1,402	21,137	0.8650	39.042	0	2002-12	00251	1957
M	0	15.8	8.6	9.4	335	Y	1,420	21,358	0.8650		1	2012-12	00314	1958
D	288		15.8	24.0	354	Y	1,775	26,547	0.9340	40.380	1	2017-12	13237	2001
5230 KOBES WEST														
M	0	1.5	9.5	14.5	338	Y	1,002	20,002	0.8500		1		03962	1977
5300 KOMIE														
D	265				403	Y		19,453	0.9510		1	2009-12	04690	1979
V	88	45.0	7.0	18.0	404	Y	1,736	27,593	0.9890	37.220	3	2005-12	00527	1961

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5400 KOTCHO LAKE										
UPPER DEBOLT - A	87	90.0	78	0	47	31	0.764	60	36	24
LOWER DEBOLT - A	286	50.0	143	0	62	81	0.757	108	47	61
JEAN MARIE - A	227	90.0	204	5	132	72	0.833	170	110	60
SLAVE POINT - A	3,328	75.0	2,496	0	2,069	427	0.739	1,845	1,529	316
SLAVE POINT - B - PETRO-CAN PROJECT	52	25.0	13	0	0	13	0.736	10	0	10
SLAVE POINT - C	722	35.0	253	0	118	135	0.726	184	85	99
TOTAL FIELD	4,702		3,187	5	2,428	759		2,377	1,807	570
5420 KOTCHO LAKE EAST										
BLUESKY - A	97	80.0	78	0	70	8	0.849	66	60	6
BLUESKY - A - PETRO-CANADA PROJECT	132	90.0	119	0	11	108	0.813	97	9	88
BLUESKY - B - PETRO-CAN PROJECT	131	75.0	98	0	89	9	0.814	80	72	8
BLUESKY - D	88	25.0	22	0	0	22	0.781	17	0	17
JEAN MARIE - A	38	90.0	34	2	25	9	0.835	28	21	7
JEAN MARIE - B	271	90.0	244	5	151	93	0.838	205	126	79
SLAVE POINT - B - ESSO PROJECT	706	65.0	459	0	189	270	0.572	262	108	154
SLAVE POINT - C	3,214	30.0	964	0	878	86	0.714	689	627	62
TOTAL FIELD	4,677		2,018	7	1,413	605		1,444	1,023	421
5480 KYKLO										
DEBOLT - A	395	20.0	79	0	68	11	0.805	64	55	9
PINE POINT - A	704	80.0	563	0	496	67	0.715	403	355	48
PINE POINT - B - DEVON PROJECT	307	80.0	245	0	221	24	0.741	182	164	18
PINE POINT - C	87	80.0	70	0	64	6	0.740	52	48	4
TOTAL FIELD	1,493		957	0	849	108		701	622	79

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
5400 KOTCHO LAKE														
V	623	3.8	12.4	40.0	315	Y	35	5,054	0.9260	38.373	2	2010-12	04758	1979
V	613	6.2	17.7	18.5	309	Y	4	5,133	0.9050		2	2007-12	00579	1999
D	852		4.5	37.9	350	Y	844	8,548	0.9350		6	2017-12	13404	2000
D	0	11.3	9.5	38.0	379	Y	1,396	17,791	0.9240	37.238	15	2010-12	00404	1959
V	259	2.7	8.0	32.0	386	N	1,380	17,471	0.9380		0		00879	1962
V	593	14.0	9.0	29.5	386	Y	1,403	17,485	0.9400	35.790	2	2007-12	03082	1972
5420 KOTCHO LAKE EAST														
M	1,080		19.6	36.7	309	Y	5	5,185	0.9100	38.223	4	2009-12	04820	1980
V	267	5.4	29.7	43.1	302	Y	4	5,171	0.8970	39.310	1	2004-12	04820	1980
D	1,127	0.0	22.7	47.7	308	Y	4	5,274	0.9010	39.230	2	2010-12	03617	1975
V	525	3.0	22.4	52.9	308	N	10	5,206	0.9030	37.420	0		03747	1976
V	400	3.6	6.5	27.2	348	Y	835	6,292	0.9270	38.600	2	2012-12	17554	2004
D		3.3	6.0	17.6	348	Y	808	8,369	0.9090		5	2015-12	16832	2004
V	399	19.5	8.0	20.0	380	Y	1,379	17,458	0.9220	27.070	1	2004-12	03107	1973
D	0	32.5	9.9	22.1	381	Y	1,387	17,464	0.9220	37.440	6		03308	1973
5480 KYKLO														
V	934	3.6	31.2	34.7	310	Y	43	5,749	0.9150	11.890	2	2014-12	03050	1972
D	0	21.0	9.1	8.0	379	Y	1,453	18,240	0.9180		1	2003-12	07147	1989
D	0	15.0	10.0	12.0	389	Y	1,492	18,302	0.9410	37.560	2	2005-12	08326	1994
D	0	11.5	14.0	8.0	386	Y	1,395	17,844	0.9350	32.630	1		08685	1994

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Field / Pool / Project	1	2	3	4	5	6	7	8	9	10	
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3	
5500 LADYFERN											
BLUESKY - A	203	90.0	182	0	1	181	0.541	99	1	98	
BLUESKY - B	73	90.0	66	0	62	4	0.915	60	57	3	
BLUESKY - C	24	35.0	8	0	8	0	0.860	7	6	1	
BLUESKY - D - CNRL PROJECT	64	80.0	51	0	2	49	0.748	38	2	36	
BLUESKY - E	96	90.0	86	0	30	56	0.900	78	27	51	
BLUESKY - F - CNRL PROJECT	SOLN	13	40.0	5	0	4	1	0.535	3	2	1
BLUESKY - G	62	80.0	49	0	30	19	0.747	37	22	15	
BLUESKY - H	14	85.0	12	0	11	1	0.544	7	6	1	
BLUESKY - I	73	90.0	66	1	53	13	0.748	49	39	10	
BLUESKY - J	97	90.0	87	0	37	50	0.544	47	20	27	
BLUESKY - K	42	36.5	15	0	15	0	0.544	8	8	0	
BLUESKY - L	SOLN	1	80.0	1	0	0	1	0.542	0	0	0
BLUESKY - M	342	80.0	274	3	250	24	0.541	148	135	13	
BLUESKY - N	SOLN	1	90.0	1	0	1	0	0.909	1	1	0
BLUESKY - O	SOLN	1	80.0	1	0	1	0	0.535	1	0	1
GETHING - A	58	25.0	14	0	0	14	0.890	13	0	13	
GETHING - B	130	25.0	32	0	0	32	0.890	29	0	29	
GETHING	2	80.0	2	0	1	1	0.893	1	1	0	
SLAVE POINT - A	15,511	90.0	13,960	38	12,643	1,317	0.885	12,357	11,191	1,166	
SLAVE POINT - B	1,694	90.0	1,525	0	1,509	16	0.545	832	823	9	
SLAVE POINT - C	66	80.0	53	0	51	2	0.884	47	45	2	
TOTAL FIELD	18,567		16,490	42	14,709	1,781		13,862	12,386	1,476	

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
5500 LADYFERN														
V	282	6.6	18.8	26.5	316	Y	212	7,639	0.8730	41.210	1	2012-12	10364	1997
D		7.5	18.7	23.0	313	Y	211	7,461	0.8800	41.150	1	2015-12	13604	2001
V	281	1.5	10.3	25.0	318	Y	197	7,140	0.8810	40.600	2	2016-12	17521	2004
V	189	2.8	21.5	26.0	316	Y	219	7,413	0.8830	39.830	2	2010-12	17147	2004
V	281	3.8	18.5	33.0	318	Y	193	7,219	0.8900		1	2005-12	17688	2004
D	70	3.3			321	Y	193			46.320	1	2017-12	18051	2005
D		4.4	19.6	23.5	317	Y	214	7,470	0.8940	37.836	2	2014-12	14037	2001
D	0	3.4	19.2	32.5	316	Y	212	7,478	0.8190	39.750	1	2012-12	09777	1996
V	282	2.3	19.5	25.0	313	Y	211	7,469	0.8790	39.310	2	2010-12	15536	2003
V	281	2.7	22.0	20.0	317	Y	193	7,171	0.8850	40.350	1	2012-12	18903	2005
V	289	1.5	21.4	36.4	315	Y	181	6,999	0.8840		2	2017-12	20112	2006
V	65	0.5			319	Y	185			42.170	1	2012-12	20394	2006
D	0	2.5	19.4	25.0	316	Y	212	7,449	0.8820	40.810	3	2012-12	09272	1995
V	70	0.7			325	Y	188			39.250	1	2008-12	15488	2003
D		3.0			324	Y	186			44.270	1	2017-12	19701	2014
V	259	3.3	16.2	43.6	316	N	192	7,219	0.8820		0		02615	1970
V	259	5.5	17.1	26.2	321	N	192	7,237	0.8870		1	2010-12	01433	1964
D						Y					1	2012-12	20912	2007
D	9,945	0.0	9.9	13.7	384	Y	1,967	31,138	1.0080	37.061	39	2010-12	12429	2000
V	281	50.0	5.8	8.7	383	Y	2,022	30,818	1.0050	38.570	1	2012-12	12982	2001
D	562		8.7	14.4	406	Y	2,026	31,076	1.0230	37.600	2	2010-12	14814	2002

Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
5540 LAGARDE										
DUNLEVY - A	23	35.3	8	0	8	0	0.876	7	7	0
DUNLEVY - B - PEACE PROJECT	SOLN	14	50.0	7	0		0.874	6		
	CAP	126	90.0	113	0	86	0.874	99	75	30
TOTAL GAS	140		120	0	86	34		105	75	30
DUNLEVY - C	166	50.0	83	0	9	74	0.873	72	8	64
BALDONNEL - B	21	70.0	15	0	10	5	0.870	13	9	4
BALDONNEL - C	173	90.0	156	0	9	147	0.867	135	7	128
BOUNDARY LAKE - A	31	47.5	15	0	15	0	0.856	13	13	0
BOUNDARY LAKE - B	75	70.0	52	4	44	8	0.865	45	38	7
BOUNDARY LAKE - C	219	85.0	186	5	74	112	0.865	161	64	97
TOTAL FIELD	848		635	9	255	380		551	221	330
5560 LAPP										
BLUESKY - A	269	85.0	229	0	227	2	0.748	171	170	1
BLUESKY - B	7	28.3	2	0	2	0	0.758	1	1	0
GETHING - B	58	90.0	52	0	0	52	0.761	39	0	39
HALFWAY - A	701	89.7	629	0	628	1	0.707	445	445	0
HALFWAY - B	113	90.0	102	0	67	35	0.750	76	50	26
HALFWAY - C - CNRL PROJECT	SOLN	49	50.0	25	0		0.734	18		
	CAP	45	50.0	22	0	43	0.734	16	31	3
TOTAL GAS	94		47	0	43	4		34	31	3
HALFWAY - D - CNRL PROJECT	SOLN	28	50.0	14	0		0.849	12		
	CAP	47	40.0	19	0	28	0.849	16	23	5
TOTAL GAS	75		33	0	28	5		28	23	5
TOTAL FIELD	1,317		1,094	0	995	99		794	720	74

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
5540 LAGARDE														
M	0	4.3	13.0	24.0	323	Y	354	9,425	0.8560		0		00145	1956
													06324	1985
D	0	2.0	21.3	12.8	328	Y	367	9,687	0.8800	40.918	4		06324	1985
V	264	9.7	11.4	40.4	321	Y	375	9,222	0.8570		1		06416	1985
D		6.2	12.6	45.0	328	Y	406	9,519	0.8880	40.280	1	2015-12	12854	2006
V	264	8.3	12.7	33.0	327	Y	413	9,369	0.8760	40.080	2	2009-12	19310	2007
M	0	3.7	26.0	5.0	327	Y	481	11,956	0.7950		0		01194	1962
D		2.4	22.9	15.0	329	Y	469	11,590	0.8140	45.120	1	2009-12	23744	2008
V	259	2.3	32.2	5.2	330	Y	470	11,439	0.8180		1	2010-12	25061	2009
5560 LAPP														
D	0	9.9	17.1	29.0	325	Y	243	6,727	0.8380	45.302	5	2017-12	04834	1979
X	278		14.5	43.0	326	Y	245	5,916	0.8920	44.180	1	2011-12	11349	1999
V	278	3.3	15.3	22.9	323	N	249	5,450	0.9000		0	2010-12	21112	2008
D	0	5.0	23.7	28.7	330	Y	294	6,456	0.8810	50.961	4	2017-12	07306	1990
D	0	5.3	23.1	30.8	330	Y	289	6,989	0.8730		2	2006-12	04834	1979
												2017-12	10055	1997
V	113	3.9	21.0	30.0	326	Y	278	6,891	0.8740		10	2017-12	10055	1997
												2017-12	13631	2001
V	278	1.5	23.4	26.6	325	Y	286	6,560	0.8790	44.340	2	2017-12	13631	2001

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Field / Pool / Project	1 Original Gas In Place 10E6 m3	2 Recovery Factor %	3 Initial Reserves (Raw) 10E6 m3	4 Annual Prod (Raw) 10E6 m3	5 Cumul Prod (Raw) 10E6 m3	6 Remaining Reserves (Raw) 10E6 m3	7 Shrink Factor	8 Initial Reserves (Mktble) 10E6 m3	9 Cumul. Prod (Mktble) 10E6 m3	10 Remain'g Reserves (Mktble) 10E6 m3	
5600 LAPRISE CREEK											
BLUESKY - A	64	93.0	60	0	59	1	0.757	45	45	0	
BLUESKY - B	19	80.0	15	0	11	4	0.767	12	9	3	
GETHING - A	25	90.6	22	0	19	3	0.754	17	14	3	
GETHING - C	47	90.0	42	0	0	42	0.868	36	0	36	
BALDONNEL/UPPER CHARLIE LAKE - A	15,659	90.0	14,093	83	12,965	1,128	0.755	10,642	9,790	852	
BALDONNEL/UPPER CHARLIE LAKE - A - AMOCO UNIT #1	12,468	90.0	11,221	69	10,629	592	0.753	8,444	7,998	446	
BALDONNEL/UPPER CHARLIE LAKE - B	5,197	90.0	4,678	39	4,291	387	0.753	3,524	3,233	291	
BALDONNEL/UPPER CHARLIE LAKE - C	305	90.0	275	5	227	48	0.815	224	185	39	
BALDONNEL/UPPER CHARLIE LAKE - D	396	70.0	277	0	221	56	0.756	210	167	43	
BALDONNEL/UPPER CHARLIE LAKE - E	42	90.0	38	1	34	4	0.753	29	26	3	
BALDONNEL/UPPER CHARLIE LAKE - F	419	90.0	377	6	314	63	0.797	301	251	50	
BALDONNEL/UPPER CHARLIE LAKE - H	134	90.0	121	1	87	34	0.898	108	78	30	
NANCY - A	53	67.9	36	0	36	0	0.860	31	31	0	
COPLIN - A - CREW ENERGY PROJECT	SOLN	51	90.0	46	2	37	9	0.739	34	27	7
COPLIN - B	SOLN	4	75.0	3	0	2	1	0.739	2	1	1
COPLIN - B - CREW PROJECT	SOLN	34	90.0	31	0	27	4	0.847	26	23	3
COPLIN - C	SOLN	14	50.0	7	0	2	5	0.802	6	1	5
HALFWAY - C - IMPACT PROJECT	1,180	65.0	767	0	40	727	0.719	552	29	523	
HALFWAY	10	50.0	5	0	1	4	0.689	4	1	3	
TOTAL FIELD	36,121		32,114	206	29,002	3,112		24,247	21,909	2,338	
5800 LAPRISE CREEK WEST											
BALDONNEL - A	43	75.0	32	0	31	1	0.755	24	23	1	
BALDONNEL - B	979	90.0	881	13	648	233	0.754	665	489	176	
HALFWAY - B - COASTAL PROJECT	315	90.0	284	0	0	284	0.826	234	0	234	
TOTAL FIELD	1,337		1,197	13	679	518		923	512	411	

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11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
5600 LAPRISE CREEK														
X	0	10.8	20.1	13.5	319	Y	363	10,899	0.7960	44.720	1	2005-12	08073	1993
D		3.4	16.1	34.4	336	Y	345	10,400	0.8600	42.930	1	2014-12	18453	2004
M	0	1.2	13.0	11.7	333	Y	355	10,597	0.8540	44.947	1	2003-12	03506	1974
V	259	1.8	13.2	28.3	334	N	380	10,618	0.8540				01364	1963
D		16.5	10.0	23.2	334	Y	381	10,632	0.8510	44.017	46	2017-12	00327	1958
D		21.3	10.0	23.2	334	Y	381	10,632	0.8510	45.982	44	2017-12	00327	1958
D	0	16.4	11.0	24.9	335	Y	365	10,620	0.8360		11	2003-12	04436	1978
D	0	12.0	7.3	18.9	334	Y	358	10,632	0.8470	43.820	2	2003-12	10282	1977
D		14.5	10.0	32.6	336	Y	423	10,825	0.8420	42.482	15	2015-12	13005	2000
D	279	0.0	7.9	12.0	336	Y	384	10,597	0.8450	44.460	1	2010-12	14934	2002
D			10.0	20.0	333	Y	347	10,445	0.8510	42.604	3	2010-12	10529	1997
D		21.0	10.3	28.6	338	Y		9,775	0.8560	44.030	4	2015-12		
X	259	2.1	10.6	13.2	336	Y	439	10,674	0.8550		1	2011-12	03496	1974
D		0.7			337	Y	457				5	2017-12	16042	2003
M	0	0.6			339	Y	463				2	2012-12	16377	2003
M	0	0.6			339	Y	463			44.990	6	2013-12	16377	2003
V	70	1.4			335	Y	502			52.620	1	2013-12	17887	2004
V	1,334	11.9	10.5	41.5	340	Y	598	11,969	0.8270	39.763	5	2006-12	14020	2001
V	259	2.1	5.1	59.4	331	N	572	9,287	0.8640		1	2012-12	04097	1977
5800 LAPRISE CREEK WEST														
M	0	13.4	10.0	23.0	336	Y	419	9,239	0.8490		1	2003-12	00873	1962
D	0	6.4	9.3	21.8	335	Y	383	9,795	0.8400	44.690	3	2011-12	05282	1980
V	279	16.3	10.5	40.0	341	N	563	11,245	0.8520		0	2005-12	13941	2001

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Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
5810 LILY LAKE										
BLUESKY - A	24	80.0	19	0	6	13	0.857	16	5	11
BLUESKY - B	105	90.0	94	0	35	59	0.824	78	29	49
BALDONNEL - B	87	90.0	79	0	54	25	0.804	63	44	19
HALFWAY - A	72	90.0	65	0	26	39	0.807	52	21	31
BELLOY - A	552	90.0	496	0	17	479	0.858	426	14	412
DEBOLT - A	837	90.0	753	0	397	356	0.853	642	338	304
TOTAL FIELD	1,677		1,506	0	535	971		1,277	451	826
5840 LOUISE										
SLAVE POINT - A	1,630	25.0	407	0	340	67	0.741	302	252	50
SLAVE POINT - B	785	2.1	16	0	16	0	0.723	12	12	0
SLAVE POINT	10	70.0	7	0	7	0	0.725	5	5	0
TOTAL FIELD	2,425		430	0	363	67		319	269	50

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
5810 LILY LAKE														
D	281		7.4	19.9	333	Y	273	12,471	0.8650	17.350	1	2012-12	22325	2007
D	210		11.4	11.8	325	Y	60	10,424	0.8460		1	2012-12	17759	2004
D		4.1	8.6	51.6	331	Y	275	12,996	0.8290	43.260	1	2012-12	17759	2004
D	562		8.5	8.6	345	Y	739	16,287	0.8810	39.831	2	2010-12	21596	2006
V	259	13.4	10.0	12.6	340	Y	1,020	19,195	0.8830		1	2012-12	02185	1967
D	0	5.7	5.0	7.0	357	Y	739	20,070	0.9160	36.995	2	2012-12	00385	1959
5840 LOUISE														
V	1,004	30.0	5.6	32.3	391	Y	1,469	18,443	0.9400	37.490	2	2002-12	01570	1965
X	280	30.6	8.5	17.0	400	Y	1,416	17,260	0.9450	32.130	2	2010-12	09228	1995
X	266				400	Y	739	17,260	0.9450		1	2009-12	07199	1990

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Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
5850 MARTIN										
BLUESKY - A	381	80.0	305	1	287	18	0.747	228	214	14
BLUESKY - B	109	90.0	98	0	88	10	0.764	75	67	8
BLUESKY - C	13	80.0	10	0	9	1	0.753	8	7	1
BLUESKY - D	66	85.0	56	0	53	3	0.756	43	40	3
BLUESKY - E	243	80.0	194	0	178	16	0.753	146	134	12
BLUESKY - F	20	90.0	18	0	17	1	0.755	14	13	1
BLUESKY - G	81	80.0	65	0	61	4	0.767	50	47	3
BLUESKY - J	84	80.0	67	1	62	5	0.760	51	47	4
BLUESKY - K	154	90.0	139	2	116	23	0.755	105	87	18
BLUESKY - K - PIONEER PROJECT										
SOLN	5	30.0	1	0			0.861	1		
CAP	124	37.8	47	0	48	0	0.861	40	41	0
TOTAL GAS	129		48	0	48	0		41	41	0
BLUESKY - L	7	70.0	5	0	4	1	0.759	4	3	1
GETHING - A	48	80.0	38	0	37	1	0.756	29	28	1
GETHING - C	32	80.0	25	0	16	9	0.754	19	12	7
GETHING - D	343	80.0	274	3	169	105	0.760	208	128	80
GETHING - E	53	80.0	43	1	38	5	0.753	32	28	4
GETHING - F	40	46.0	19	0	18	1	0.759	14	14	0
GETHING-BALDONNEL - A	395	62.0	245	1	233	12	0.750	184	175	9
BALDONNEL - A	3,413	90.0	3,071	52	2,833	238	0.744	2,285	2,108	177
BALDONNEL - G	216	90.0	194	2	144	50	0.747	145	107	38
BALDONNEL - H	39	85.0	33	0	1	32	0.749	25	1	24
BALDONNEL - I	440	80.0	352	3	277	75	0.759	267	210	57
BALDONNEL - N	96	85.0	81	0	68	13	0.753	61	51	10
BALDONNEL - O	77	90.0	69	3	59	10	0.755	52	44	8
BALDONNEL	227	90.0	204	0	0	204	0.744	152	0	152
SIPHON - A	34	80.0	27	0	19	8	0.755	20	15	5
HALFWAY - A	338	85.0	288	2	278	10	0.758	218	211	7
HALFWAY - B	361	83.0	299	1	292	7	0.762	228	222	6
HALFWAY - D	4	70.0	3	0	3	0	0.756	2	2	0
HALFWAY - E	128	80.0	102	1	98	4	0.747	76	73	3
HALFWAY - F	69	85.0	59	0	50	9	0.761	45	38	7
HALFWAY - G	68	80.0	54	0	48	6	0.763	41	36	5
HALFWAY - H	84	85.0	71	0	1	70	0.765	54	1	53

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
5850 MARTIN														
M	0	3.6	16.6	28.9	333	Y	306	8,215	0.8570	46.721	7	2008-12	04476	1978
D	0	2.2	13.4	41.4	327	Y	319	7,612	0.8740		1	2002-12	04245	1979
D	0	0.0	12.3	44.5	331	Y	303	8,029	0.8670	45.890	2	2011-12	04655	1979
D	0	1.7	12.5	43.4	332	Y	307	8,053	0.8660	44.460	1	2010-12	09094	1994
D	0	1.9	11.8	42.8	328	Y	304	8,053	0.8630	45.495	6	2010-12	09311	1995
D		12.3	20.5	36.9	336	Y	317	6,985	0.8870	48.730	1	2014-12	09128	1995
V	734	1.5	15.1	36.6	332	Y	322	7,920	0.8810	43.200	4		09120	1995
D	689	2.2	17.8	26.9	321	Y	278	7,382	0.8700	45.600	3	2016-12	09581	1997
D	840	0.0	13.0	33.4	331	Y	306	7,456	0.7640	46.021	4	2010-12	11089	1998
												2017-12	12464	1998
X	280	7.5	10.5	33.0	331	Y	309	7,456	0.7640	45.220	1	2017-12	11089	1998
D	279		11.0	9.9	330	Y	298	3,221	0.9430		1	2010-12	07651	1991
D		2.3	8.0	49.8	332	Y	350	8,184	0.8680	45.100	1	2015-12	05155	1980
V	279	2.4	10.9	43.0	330	Y	315	7,716	0.8710	43.760	1		09745	1996
D	0	2.6	14.0	37.9	329	Y	309	7,512	0.8750	45.840	6	2012-12	09579	1996
V	279	3.6	14.1	34.6	321	Y	329	5,770	0.8910		1		03848	1997
V	279	1.8	16.2	32.9	330	Y	325	7,522	0.8750	43.830	1	2017-12	07651	1998
V	1,194	5.9	12.3	47.2	330	Y	320	8,598	0.8580	45.175	5	2017-12	05813	1994
D	0	5.4	12.1	31.0	332	Y	336	8,870	0.8640	45.706	49	2012-12	04309	1978
V	279	6.0	17.0	14.4	337	Y	345	9,095	0.8660	45.530	1		04684	1979
V	482	2.4	8.3	52.5	335	Y	360	8,676	0.8610	45.278	2		09009	1994
D	0	2.7	15.2	49.3	330	Y	312	8,744	0.8610	43.987	8	2004-12	09090	1995
D	0	2.9	12.4	26.0	328	Y	313	7,532	0.8650	45.320	1	2007-12	13474	2001
V	558	3.3	9.1	44.1	328	Y	331	8,150	0.8620	44.290	2	2008-12	22251	2007
V	560	5.4	12.1	31.0	332	Y	336	8,870	0.8450	45.710	1	2010-12	16767	2004
V	279	1.2	14.8	18.5	321	Y	356	8,060	0.8550	44.160	1		03848	1977
V	2,224	1.9	11.3	22.0	337	Y	432	9,192	0.8540	44.797	7		01315	1963
D		3.7	14.4	11.1	335	Y	458	7,776	0.8930	14.980	3	2017-12	04656	1979
D	276	0.0	19.7	20.6	334	Y	444	9,273	0.8610	49.780	1	2010-12	04813	1979
D		1.4	14.7	10.7	335	Y	456	10,400	0.8550	43.814	4	2014-12	08687	1994
D		4.7	20.1	34.4	328	Y	410	8,676	0.8570	44.870	1	2015-12	09090	1995
D		1.3	13.3	39.7	330	Y	438	7,955	0.8730	43.440	2	2017-12	09311	1995
V	279	2.4	21.4	36.0	320	Y	412	8,700	0.8490	43.130	1		09260	1995

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Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
5850 MARTIN										
HALFWAY - I	60	80.0	48	0	39	9	0.762	37	29	8
HALFWAY - J	110	70.0	77	0	74	3	0.756	58	56	2
HALFWAY - K	38	80.0	30	0	2	28	0.760	23	2	21
TOTAL FIELD	8,000		6,711	73	5,720	991		5,040	4,291	749
5852 MAXHAMISH LAKE										
CHINKEH - A - ENCANA CONCURRENT PROJECT	SOLN	54	30.0	16	2		0.849	14		
	CAP	9,213	75.0	6,910	75	6,370	0.849	5,866	5,407	473
TOTAL GAS		9,267		6,926	77	6,370		5,880	5,407	473
FANTASQUE - A		85	90.0	76	0	10	0.798	61	8	53
FANTASQUE		50	70.0	35	0	35	0.849	29	29	0
MATTSON - B		238	90.0	214	0	30	0.853	183	26	157
MATTSON - C		180	90.0	162	0	6	0.852	138	5	133
MATTSON - D		214	90.0	193	0	31	0.853	164	26	138
MATTSON - E		338	90.0	305	0	13	0.850	259	11	248
MATTSON - F		47	80.0	37	0	0	0.850	32	0	32
MATTSON - G		97	80.0	78	0	0	0.847	66	0	66
MATTSON - H		131	90.0	118	0	13	0.857	101	11	90
MATTSON - I		16	70.0	11	0	0	0.845	10	0	10
MATTSON - J	SOLN	15	30.0	5	0	0	0.857	4	0	4
TOTAL FIELD		10,678		8,160	77	6,508		6,927	5,523	1,404
5855 MEL										
SLAVE POINT - A		3,000	65.0	1,950	0	1,868	0.706	1,377	1,319	58
PINE POINT - A		369	25.0	92	0	28	0.725	67	20	47
PINE POINT - B		806	65.0	524	0	67	0.699	366	47	319
TOTAL FIELD		4,175		2,566	0	1,963		1,810	1,386	424

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
5850 MARTIN														
V	558	1.0	18.1	34.6	332	Y	428	9,138	0.8580	43.462	2		09084	1995
V	279	3.5	14.2	11.2	335	Y	429	9,151	0.8690	47.090	1	2017-12	09644	1996
V	279	1.1	15.0	11.2	318	Y	432	8,706	0.8450	43.100	1	2001-12	12273	1999
5852 MAXHAMISH LAKE														
D	0		17.1	25.3	338	Y	930	11,535	1.0000	41.541	129	2017-12	11617	1998
												2017-12	07573	1991
V	262	4.2	14.5	33.0	314	Y	273	7,693	0.8800	38.830	1	2006-12	13590	2001
X					334	Y	1,107	14,886	0.8640	43.500	1	2009-12	03717	2000
V	260	5.5	12.5	25.0	341	Y	1,423	18,568	0.8730		1	2003-12	03717	2000
V	259	7.2	8.9	49.0	338	Y	1,545	22,023	0.8690	40.170	1	2003-12	12563	2000
V	260	4.3	14.4	25.0	341	Y	1,499	18,568	0.8730		1	2003-12	03717	2000
V	263	7.0	10.4	22.0	323	Y	1,536	21,645	0.8410	41.360	1	2003-12	13772	2002
V	263	1.2	15.1	45.0	336	Y	1,359	17,855	0.8510		0	2003-12	13772	2002
V	263	2.0	21.0	49.0	333	N	1,309	17,229	0.8540	40.330	0	2003-12	13772	2002
V	259	5.6	12.3	63.0	334	Y	1,349	19,425	0.8360	43.100	1	2004-12	13773	2002
D	259				343	Y	1,440	19,227	0.8660		0	2010-12	12563	2000
V	65	6.8			317	N	300			39.680	0	2013-12	13590	2001
5855 MEL														
M	0	61.2	8.0	31.0	390	Y	1,578	20,752	0.9360	37.450	1		04743	1980
V	86	41.5	7.7	17.9	397	Y	1,731	21,523	0.9430		1	2002-12	03888	1977
V	177	49.4	6.2	8.3	391	Y	1,679	21,026	0.9430		2		07273	1994

Field / Pool / Project	1	2	3	4	5	6	7	8	9	10	
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3	
5858 MERCURY											
BLUESKY - A	259	80.0	207	0	202	5	0.759	157	153	4	
BLUESKY - B	79	80.0	63	0	37	26	0.747	47	28	19	
CHARLIE LAKE - A	28	80.0	22	0	22	0	0.867	19	19	0	
HALFWAY - B	275	90.0	248	0	226	22	0.823	204	186	18	
TOTAL FIELD	641		540	0	487	53		427	386	41	
5860 MICA											
MICA - A - STORM PROJECT	SOLN	339	85.0	288	21	141	147	0.887	255	126	129
HALFWAY - A		35	70.0	24	0	4	20	0.908	22	4	18
DOIG - B - HUSKY DOIG B POOL	SOLN	59	90.0	53	6	34	19	0.855	45	29	16
DOIG - C		34	50.0	17	0	2	15	0.841	14	2	12
DOIG - D	SOLN	25	45.0	11	0	4	7	0.858	10	3	7
DOIG - D - SABRETOOTH PROJECT	SOLN	128	80.0	103	3	27	76	0.858	88	23	65
BELLOY - A		196	5.0	10	0	1	9	0.930	9	1	8
KISKATINAW		87	90.0	78	0	25	53	0.923	72	23	49
LOWER KISKATINAW - A		306	90.0	276	0	28	248	0.921	254	26	228
LOWER KISKATINAW - B		69	25.0	17	0	0	17	0.901	16	0	16
LOWER KISKATINAW - D		313	50.0	156	0	22	134	0.919	144	20	124
LOWER KISKATINAW - E		155	80.0	124	0	17	107	0.914	114	16	98
LOWER KISKATINAW		82	90.0	73	2	68	5	0.914	67	62	5
BASAL KISKATINAW - A		177	85.0	150	0	96	54	0.922	138	88	50
BASAL KISKATINAW - C		148	4.9	7	0	7	0	0.931	7	7	0
TOTAL FIELD	2,153		1,387	32	476	911		1,255	430	825	
5880 MIKE											
BLUESKY - A		27	80.0	22	0	0	22	0.889	19	0	19
BLUESKY - A - CNRL PROJECT	SOLN	74	75.0	56	0	54	2	0.852	47	46	1
TOTAL FIELD	101		78	0	54	24		66	46	20	

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
5858 MERCURY														
D		2.5	14.6	46.5	331	Y	267	6,983	0.8840	43.980	10	2016-12	06836	1988
V	556	1.9	16.5	33.5	331	Y	270	6,983	0.8800	44.080	1	2002-12	10104	1999
D	0	4.4	11.2	34.7	325	Y	303	7,130	0.8790	42.030	1	2012-12	06836	1988
D	834		21.9	17.6	326	Y	326	8,102	0.8660	43.361	5	2013-12	10103	1997
5860 MICA														
D					329	Y	874			47.739	14	2017-12	03649	1976
V	259	1.0	13.1	38.7	331	Y	986	15,606	0.7980		1	2012-12	20871	2006
V	368	1.7			332	Y	1,038			45.677	5	2017-12	14916	2002
V	130	2.9	8.2	35.6	332	Y	1,034	15,669	0.7890	46.650	1	2012-12	20871	2006
D	65	1.3			333	Y	1,039			45.300	1	2017-12	23999	2008
D	0	2.0			333	Y	1,029			46.400	1	2017-12	23999	2008
V	259	6.5	12.7	56.3	346	Y	1,571	22,030	0.8620		1	2014-12	04649	1979
D					351	Y	1,789	22,489	0.9120	39.350	2	2009-12	04649	1979
V	259	13.4	7.0	34.0	352	Y	1,798	21,332	0.9020		1	2010-12	00230	1957
V	259	1.7	11.0	26.0	352	N	1,785	21,546	0.9030		0	2002-12	06912	1988
V	259	5.5	13.3	19.0	352	Y	1,814	22,228	0.8810	43.250	1	2003-12	08556	1994
V	259	2.8	12.3	15.0	353	Y	1,810	22,089	0.8680	45.100	1	2007-12	18170	2005
D					354	Y	1,810	22,105	0.8700	45.100	1	2010-12	18170	2006
V	259	4.6	9.4	16.7	352	Y	1,793	21,100	0.9010	39.610	1	2014-12	06777	1988
X	259	3.0	10.9	15.2	350	Y	1,792	22,807	0.9010	46.370	1	2003-12	08176	1993
5880 MIKE														
V	281	1.6	11.0	34.1	308	Y	307	7,646	0.8490	42.190	0	2012-12	05524	1974
V	270	2.4			308	Y	308			45.690	1	2017-12	03463	1974

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Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
6000 MILLIGAN CREEK										
NOTIKEWIN	17	80.0	14	0	12	2	0.748	10	9	1
BLUESKY	4	80.0	3	0	2	1	0.747	2	1	1
GETHING - A	57	41.3	24	0	24	0	0.872	21	21	0
GETHING - B										
SOLN	10	80.0	8	0			0.748	6		
CAP	91	85.0	77	0	71	14	0.748	58	53	11
TOTAL GAS	101		85	0	71	14		64	53	11
GETHING - C	82	1.1	1	0	1	0	0.888	1	1	0
GETHING	91	90.0	82	0	41	41	0.748	61	30	31
HALFWAY - A - CNRL UNIT #1										
SOLN	604	50.0	302	0			0.843	254		
CAP	486	80.0	389	0	629	62	0.843	328	530	52
TOTAL GAS	1,090		691	0	629	62		582	530	52
HALFWAY - A - CNRL UNIT #2										
SOLN	128	87.0	112	0			0.809	90		
CAP	36	70.0	25	0	136	1	0.809	20	109	1
TOTAL GAS	164		137	0	136	1		110	109	1
HALFWAY - B	57	80.0	46	0	15	31	0.731	33	11	22
SLAVE POINT - A	846	60.0	508	0	362	146	0.546	277	198	79
TOTAL FIELD	2,509		1,591	0	1,293	298		1,161	963	198
6020 MILLIGAN CREEK WEST										
NOTIKEWIN - A	19	80.0	15	0	10	5	0.884	13	9	4
BLUESKY - A	34	17.7	6	0	6	0	0.853	5	5	0
BLUESKY - B	27	60.0	16	0	14	2	0.879	14	12	2
BLUESKY - C	11	50.0	6	0	2	4	0.888	5	2	3
GETHING - A	96	25.0	24	0	0	24	0.879	21	0	21
HALFWAY - A	128	40.0	51	0	40	11	0.836	43	33	10
HALFWAY - C	9	70.0	6	0	6	0	0.743	4	4	0
HALFWAY - E	62	28.5	18	0	17	1	0.895	16	16	0
HALFWAY - F	153	.7	1	0	1	0	0.895	1	1	0
HALFWAY - G	161	25.0	40	0	0	40	0.861	35	0	35
HALFWAY - I										
SOLN	54	50.0	27	0	22	5	0.876	24	20	4
HALFWAY - J	161	2.1	3	0	3	0	0.863	3	2	1
TOTAL FIELD	915		213	0	121	92		184	104	80

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
6000 MILLIGAN CREEK														
D	562				324	Y	2	4,285	0.9220	42.650	2	2010-12	06542	1986
D					323	Y	242	6,433		43.557	3	2012-12	00248	1957
X	259	2.7	16.0	29.0	322	Y	244	7,102	0.8680		1	2002-12	01001	1962
V	422	2.7	16.0	31.0	322	Y	236	7,060	0.8660	45.010	2	2009-12	00985	1962
X	259	4.5	15.3	36.5	322	Y	255	7,109	0.8680		1	2010-12	00899	1962
D	562				325	Y	236	7,053	0.8780		2	2012-12	00409	1959
V	1,150	2.5	22.9	8.4	330	Y	344	8,039	0.8590	42.942	33	2012-12	00248	1958
D	0	2.0	21.0	15.2	330	Y	357	8,143	0.8580	46.750	9	2017-12	00248	1958
V	281	1.8	16.5	14.6	330	Y	369	8,251	0.8850	41.020	1	2009-12	03135	1972
V	0	12.0	7.3	14.5	407	Y	2,140	55,240	1.2360	36.167	2	2012-12	15163	2002
6020 MILLIGAN CREEK WEST														
V	281	2.0	19.6	66.2	313	Y	13	4,941	0.8990	43.260	2	2003-12	08922	2001
X	281	2.0	12.1	30.6	324	Y	214	7,272	0.8880	45.620	1	2003-12	05988	1984
V	281	1.2	15.6	32.9	311	Y	243	7,125	0.8660		1	2008-12	00159	1956
V	64	3.0	15.2	30.0	322	Y	243	5,568	0.8990		1	2009-12	08922	1994
V	281	3.7	15.0	17.0	318	N	262	7,198	0.8710			2002-12	00159	1956
V	259	4.3	17.4	25.2	326	Y	384	8,660	0.8550	41.340	1	2009-12	01266	1963
X	130	0.0	21.0	27.0	329	Y	398	8,596	0.8800	39.670	1	2010-12	04634	1979
V	259	1.8	23.6	29.2	335	Y	386	8,414	0.8970	39.890	1	2008-12	06810	1988
X	281	4.5	20.9	27.1	335	Y	373	8,414	0.8970		1	2003-12	05988	1999
V	281	4.6	18.0	18.0	324	N	381	8,405	0.8720		0	2002-12	00159	1956
D		2.1			325	Y	373			40.541	3	2015-12	07850	1992
X	281	4.2	26.5	16.7	325	Y	365	6,436	0.9090	37.360	1	2003-12	08922	1994



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	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
6030 MILO										
SLAVE POINT - A	87	25.0	22	0	0	22	0.811	18	0	18
SLAVE POINT - C	177	25.0	44	0	0	44	0.808	36	0	36
PINE POINT - A - PROGRESS PROJECT	2,638	50.0	1,319	4	1,170	149	0.773	1,020	905	115
PINE POINT - B	1,034	20.0	207	2	149	58	0.750	155	112	43
PINE POINT - C - PROGRESS PROJECT	889	90.0	800	4	751	49	0.767	614	576	38
PINE POINT - D	1,179	10.0	118	0	38	80	0.765	90	29	61
PINE POINT - E	63	50.0	32	0	25	7	0.752	24	19	5
TOTAL FIELD	6,067		2,542	10	2,133	409		1,957	1,641	316
6100 MOBERLY LAKE										
BELLOY - A	95	90.0	85	7	36	49	0.903	77	33	44
TOTAL FIELD	95		85	7	36	49		77	33	44

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
6030 MILO														
V	259	4.0	7.0	20.0	398	N	1,624	20,202	0.9620				02260	1968
V	200	10.8	6.1	10.0	391	N	1,629	19,646	0.9600	35.650	1		07830	1992
D	0	32.9	7.4	18.3	386	Y	1,866	22,737	0.9350	37.005	7	2011-12	01772	1999
V	269	27.0	8.7	8.0	393	Y	1,887	23,618	0.9610	37.640	2	2015-12	12668	2000
D	540	0.0	7.4	16.0	405	Y	1,981	25,571	0.9840	37.520	2	2010-12	12866	2001
V	271	26.7	10.0	12.0	411	Y	2,228	26,805	1.0010	35.680	1	2012-12	14587	2002
D		45.0	7.0	15.0	407	Y	2,151	25,287	0.9820	37.540	1	2015-12	14663	2002
6100 MOBERLY LAKE														
V	259	2.6	10.0	30.0	332	Y	1,303	20,420	0.8700	39.440	1	2015-12	27030	2011

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6140 MONIAS										
BALDONNEL - A	26	70.0	18	0	8	10	0.875	16	7	9
CHARLIE LAKE - A	12	80.0	10	0	7	3	0.896	9	6	3
CHARLIE LAKE - B	SOLN	4	20.0	1	0	1	0.900	1	1	0
COPLIN	19	90.0	17	0	15	2	0.894	15	13	2
NORTH PINE - A	32	15.0	5	0	5	0	0.895	4	4	0
NORTH PINE - B	34	80.0	27	0	0	27	0.895	24	0	24
NORTH PINE - C	7	80.0	6	0	2	4	0.892	5	2	3
LOWER CHARLIE LAKE SANDS - A	18	70.0	13	0	9	4	0.866	11	8	3
HALFWAY - B	13	70.0	9	0	0	9	0.828	8	0	8
HALFWAY - T - AEC PROJECT	631	90.0	568	5	532	36	0.875	497	466	31
HALFWAY - U - AEC PROJECT	61	80.0	49	0	47	2	0.863	42	41	1
HALFWAY - V - ENCANA PROJECT	761	90.0	685	3	648	37	0.848	581	550	31
HALFWAY - W	193	90.0	174	0	43	131	0.849	148	37	111
HALFWAY - X	208	90.0	187	1	139	48	0.836	156	116	40
HALFWAY	21,996	54.0	11,878	13	11,667	211	0.856	10,169	9,988	181
DOIG - A	26	80.0	21	0	1	20	0.872	18	0	18
DOIG	5	90.0	5	0	3	2	0.849	4	3	1
BELLOY - C	168	90.0	152	6	87	65	0.900	136	78	58
BELLOY - E	207	90.0	186	7	144	42	0.893	166	129	37
BELLOY	800	90.0	720	46	455	265	0.903	649	411	238
LOWER BELLOY - A	259	79.8	207	0	60	147	0.900	186	54	132
TAYLOR FLAT - A	172	1.0	2	0	0	2	0.916	2	0	2
TAYLOR FLAT - B	202	2.5	5	0	5	0	0.858	4	4	0
TAYLOR FLAT - D	207	90.0	186	0	25	161	0.880	164	22	142
KISKATINAW - A	310	50.0	155	0	0	155	0.870	135	0	135
TOTAL FIELD	26,371		15,286	81	13,903	1,383		13,150	11,940	1,210

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
6140 MONIAS														
V	259	2.4	6.0	41.0	308	Y	382	10,696	0.8460	39.730	1	2012-12	14849	2002
V	259	1.5	3.2	35.0	317	Y	671	13,891	0.8210	40.840	1	2009-12	21252	2006
V	65	0.8			317	Y	732				1	2016-12	26407	2011
D					318	Y	727	14,116	0.8200	41.770	1	2009-12	05047	1980
X	264	2.0	5.6	32.0	320	Y	675	13,713	0.7770	45.920	1	2010-12	04278	1979
V	264	0.9	10.7	14.1	321	Y	720	13,713	0.7800	41.550	1	2005-12	16445	2003
V	264	0.5	3.9	22.2	320	Y	607	16,458	0.8130	41.600	1	2007-12	19303	2005
D	259		8.2	15.3	325	Y	937	15,534	0.8810	38.020	1	2010-12	13050	2000
D	259				322	Y	829	4,127	0.9330			2010-12	17562	2004
D	915	10.7	11.1	19.9	320	Y	821	14,662	0.8320	38.296	6	2016-12	12157	1999
D	568		10.5	26.0	325	Y	983	16,221	0.8530	38.520	2	2017-12	12158	1999
D	1,702	12.3	10.0	36.0	318	Y	855	14,823	0.8380	37.907	13	2016-12	04490	1978
V	258	12.6	8.1	52.8	318	Y	852	14,654	0.8430	35.920	1	2005-12	04998	1980
D	777	0.0	21.1	16.7	318	Y	844	14,789	0.8270	37.846	3	2010-12	12913	2000
D			15.3	35.1	319	Y	781	14,457	0.8280	38.129	68	2017-12	02242	1975
V	264	1.2	9.4	52.9	321	Y	919	16,386	0.7940	39.150	1	2006-12	16535	2004
D					323	Y	917	14,398		38.010	2	2013-12	17925	2005
D	259		12.1	42.3	335	Y	1,284	19,362	0.8790	38.420	1	2010-12	23346	2007
D	259	6.2	14.8	41.8	336	Y	1,282	19,374	0.8810	38.080	1	2016-12	24951	2009
V	777	6.2	14.8	41.8	332	Y	1,279	19,392	0.8620	38.758	3	2012-12	24619	2008
M	0	2.3	13.9	19.0	336	Y	1,397	19,674	0.8550	37.640	1	2010-12	04278	1979
V	264	10.0	4.9	34.5	340	N	1,635	21,288	0.8780		1	2014-12	05426	1980
X	402	2.1	11.3	12.7	338	Y	1,416	25,623	0.8900	37.640	1	2014-12	04278	1979
V	259	4.0	13.2	21.0	337	Y	1,401	20,100	0.8870	37.420	1	2010-12	24392	2008
V	259	11.0	5.3	24.0	354	N	1,565	32,941	0.9810		0		05347	1980

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6200 MONTNEY											
BLUESKY - A	340	85.0	289	2	280	9	0.818	236	230	6	
GETHING - B	19	80.0	15	0	9	6	0.873	13	8	5	
DUNLEVY - B	161	85.0	137	2	95	42	0.855	117	81	36	
DUNLEVY - C	60	90.0	54	1	51	3	0.871	47	44	3	
BALDONNEL - F	61	90.0	55	0	4	51	0.859	47	3	44	
BALDONNEL	135	90.0	121	2	114	7	0.868	105	99	6	
CECIL - A	128	90.0	115	0	78	37	0.793	91	62	29	
CECIL - B - ENCAL PROJECT	SOLN	12	80.0	10	0	9	1	0.839	8	8	0
NORTH PINE - A	240	90.0	216	0	204	12	0.845	183	172	11	
NORTH PINE	11	80.0	9	0	0	9	0.852	7	0	7	
ARTEX - A	20	90.0	18	0	14	4	0.836	15	12	3	
HALFWAY - A	251	38.5	97	0	97	0	0.796	77	77	0	
HALFWAY - B	215	90.0	194	0	175	19	0.810	157	142	15	
HALFWAY - D - POCO PROJECT	SOLN	52	50.0	26	0		0.768	20			
	CAP	33	85.0	28	0	53	1	0.768	21	41	0
TOTAL GAS	85		54	0	53	1		41	41	0	
TOTAL FIELD	1,738		1,384	7	1,183	201		1,144	979	165	
6210 MOOSE											
CADOTTE - A	995	90.0	896	8	731	165	0.739	662	540	122	
TOTAL FIELD	995		896	8	731	165		662	540	122	

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
6200 MONTNEY														
D	0	2.4	13.7	27.4	322	Y	323	8,715	0.8430	43.317	5	2007-12	00119	1955
V	103	2.9	12.5	26.3	388	Y	374	8,877	0.9270	42.920	2	2007-12	21309	2006
V	518	4.9	11.4	38.6	323	Y	358	8,754	0.8520	45.050	2	2005-12	10113	1996
D					323	Y	373	8,917	0.8420	44.200	1		08557	1994
V	257	4.1	9.8	49.1	327	Y	481	11,093	0.8340	43.240	1	2006-12	17636	2004
D	0	0.0	0.0	0.0	327	Y	475	9,920	0.8510	26.445	4	2009-12	08120	1996
M	0	1.5	20.0	30.0	329	Y	544	12,162	0.9160	42.750	2	2003-12	00104	1954
D	130	1.5			327	Y	547			43.940	1		08035	1993
M	0	1.3	14.7	15.6	330	Y	609	12,792	0.8190	43.776	4	2006-12	07406	1990
D					330	Y	609	12,792	0.8600		0	2009-12	00289	1957
D		1.0	13.5	21.0	332	Y	721	14,594	0.8640	41.380	1	2010-12	21871	2006
M	0	0.0	15.0	33.0	329	Y	732	12,845	0.8330		0		00289	1957
D	0	2.1	13.3	20.3	329	Y	689	12,611	0.8220	42.820	2	2010-12	00801	1961
D	0	2.0	13.6	32.3	334	Y	710	11,597	0.8270	44.989	3	2012-12	07178	1989
												2012-12	07178	1989
6210 MOOSE														
D	0	5.3	9.5	22.3	331	Y	789	6,439	0.9110	40.311	4	2013-12	07245	1990

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6220 MURRAY										
PARDONET-BALDONNEL - A	968	80.0	774	0	325	449	0.665	515	216	299
PARDONET-BALDONNEL - B	890	10.8	96	0	96	0	0.812	78	78	0
PARDONET-BALDONNEL - C	751	80.0	601	0	520	81	0.799	480	415	65
PARDONET-BALDONNEL - D	1,253	90.0	1,128	0	243	885	0.672	758	164	594
PARDONET-BALDONNEL - F	1,812	90.0	1,631	38	1,483	148	0.640	1,044	949	95
PARDONET-BALDONNEL	227	50.0	113	1	95	18	0.711	81	67	14
BALDONNEL - A	2,435	73.0	1,777	2	1,749	28	0.681	1,211	1,191	20
BALDONNEL - B	1,653	85.0	1,405	0	1,355	50	0.663	931	898	33
BALDONNEL - D	435	80.0	348	0	146	202	0.713	248	104	144
BALDONNEL - E	5,250	66.0	3,465	10	3,374	91	0.667	2,310	2,249	61
BALDONNEL/UPPER CHARLIE LAKE - A	10,356	90.0	9,320	19	7,807	1,513	0.689	6,422	5,379	1,043
UPPER DEBOLT - A	298	50.0	149	0	0	149	0.735	109	0	109
TOTAL FIELD	26,328		20,807	70	17,193	3,614		14,187	11,710	2,477

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
6220 MURRAY														
V	297	28.5	6.3	12.0	314	Y	349	16,603	0.7290	37.640	1	2003-12	07929	1993
X	297	38.1	6.3	18.0	309	Y	321	13,500	0.8160	37.590	2	2014-12	08006	1993
V	298	40.7	3.7	15.0	321	Y	616	18,717	0.8420	34.310	1	2006-12	07441	1991
M	0	11.1	5.1	34.0	342	Y	1,409	27,083	0.8390	31.490	1	2012-12	19640	2006
D	0	25.0	3.5	15.0	334	Y	1,177	23,871	0.8000	30.390	1	2008-12	20066	2006
D	297				329	Y	0	22,502	0.8240	31.400	1	2017-12	23304	2008
M		30.8	5.3	23.3	356	Y	979	23,650	0.8780	31.610	3	2017-12	04029	1978
D		92.0	5.6	25.7	356	Y	1,324	23,650	0.8750	30.950	1	2016-12	09997	1997
V	297	19.7	4.2	18.0	355	Y	1,177	23,500	0.8730		1		09034	1995
D		22.5	4.8	11.0	339	Y	1,023	23,519	0.8440	30.902	2	2017-12	09914	1997
D	0	15.9	4.6	12.8	332	Y	752	22,567	0.8170	31.470	4	2007-12	08770	1994
V	297	17.0	2.0	10.0	367	N	2,687	48,077	1.1380	32.400	0	2006-12	15813	2004

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	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
6230 MUSKRAT										
GETHING - A	42	70.0	30	0	19	11	0.882	26	17	9
GETHING - B	143	1.0	1	0	0	1	0.870	1	0	1
GETHING	21	80.0	16	0	11	5	0.869	14	10	4
CADOMIN - A	83	50.0	41	0	16	25	0.816	34	13	21
DUNLEVY - A	157	90.0	141	0	135	6	0.873	123	118	5
DUNLEVY - B	105	90.0	94	1	85	9	0.867	82	74	8
DUNLEVY - C	302	90.0	272	0	13	259	0.877	238	11	227
DUNLEVY	17	80.0	14	0	10	4	0.783	11	8	3
BOUNDARY LAKE - A - DEVON PROJECT										
SOLN	75	50.0	38	1			0.878	33		
CAP	81	80.0	65	0	77	26	0.878	57	68	22
TOTAL GAS	156		103	1	77	26		90	68	22
HALFWAY - A	60	15.0	9	0	9	0	0.801	7	7	0
HALFWAY - E - WAINOCO PROJECT										
SOLN	44	65.0	29	0	28	1	0.869	25	24	1
HALFWAY - F	173	80.0	138	0	6	132	0.859	119	5	114
HALFWAY										
SOLN	36	30.0	11	0			0.760	8		
CAP	78	50.0	39	0	49	1	0.760	30	38	0
TOTAL GAS	114		50	0	49	1		38	38	0
HALFWAY - SAMSON PROJECT										
SOLN	8	50.0	4	0			0.856	3		
CAP	169	90.0	152	0	0	156	0.856	130	0	133
TOTAL GAS	177		156	0	0	156		133	0	133
LOWER HALFWAY - A - DEVON PROJECT										
SOLN	38	35.0	13	0	12	1	0.742	10	9	1
TOTAL FIELD	1,632		1,107	2	470	637		951	402	549



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PIMS8320

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
6230 MUSKRAT														
V	261	3.2	18.7	15.3	331	Y	368	3,499	0.9410	42.550	1		06279	1985
V	265	6.5	16.4	40.7	324	N	410	8,408	0.8620	43.370	1	2014-12	09335	1995
D					323	Y	369	9,028	0.8470	44.380	2	2012-12	07100	1989
V	259	3.5	15.5	33.7	326	Y	386	8,831	0.8680	42.780	1		09460	1995
M	0	4.1	13.5	32.4	325	Y	386	8,691	0.8530	41.254	4	2007-12	07100	1989
D	0	6.1	13.6	30.9	319	Y	386	8,393	0.8530	43.780	1	2007-12	07933	1992
V	264	10.2	17.4	32.0	322	Y	383	9,124	0.8510	42.340	1		09907	1996
D					324	Y	387	8,856	0.7740		1	2011-12	09423	1995
												2017-12	09218	1995
V	262	1.4	20.8	17.0	325	Y	561	12,028	0.8210	44.217	15	2017-12	09218	1995
X	304	2.6	12.2	49.9	340	Y	700	12,375	0.8360		1	2010-12	06279	1985
D	0	5.4			333	Y	720				1	2007-12	09335	1995
V	380	3.0	18.5	32.6	331	Y	672	12,015	0.8480	40.500	1		09395	1995
												2017-12	06979	1989
V	260	4.2	15.2	58.4	345	Y	689	12,117	0.8810	45.410	4	2017-12	06979	1985
												2014-12	06979	1989
V	261	5.3	15.1	28.7	345	Y	678	12,117	0.8810			2014-12	06979	1989
D		2.8			332	Y	691			40.394	2	2015-12	09421	1995

Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
6400 NIG CREEK										
BLUESKY - C	289	90.0	260	5	221	39	0.878	228	194	34
BLUESKY - D	163	80.0	130	0	33	97	0.762	99	25	74
GETHING - A	183	65.0	119	0	117	2	0.855	102	100	2
GETHING - B	119	25.0	30	0	0	30	0.863	26	0	26
GETHING - C	156	25.0	39	0	0	39	0.853	33	0	33
GETHING - D	22	90.0	20	0	13	7	0.853	17	11	6
GETHING - E	47	80.0	37	1	15	22	0.850	32	13	19
GETHING	48	30.0	14	0	11	3	0.864	12	9	3
DUNLEVY - A	9	60.0	5	0	4	1	0.847	4	4	0
DUNLEVY - B	140	90.0	126	0	13	113	0.873	110	11	99
DUNLEVY	78	90.0	70	0	45	25	0.857	60	39	21
BALDONNEL - A	3,692	29.0	1,071	1	1,056	15	0.833	892	879	13
BALDONNEL - A - DOMINION PROJECT	13,382	90.0	12,044	67	10,095	1,949	0.824	9,927	8,320	1,607
BALDONNEL - A - HUBER PROJECT	SOLN	16	50.0	8	0	8	0.844	7	0	7
BALDONNEL - D	SOLN	55	40.0	22	0	14	0.841	18	11	7
BALDONNEL - E	221	10.0	22	0	0	22	0.880	19	0	19
BALDONNEL - H	99	90.0	89	0	59	30	0.877	78	52	26
BALDONNEL - I	50	80.0	40	0	3	37	0.855	34	2	32
NANCY - A	5	70.0	3	0	2	1	0.864	3	1	2
COPLIN - A	33	80.0	27	0	4	23	0.831	22	3	19
HALFWAY - A	38	75.0	28	0	25	3	0.827	23	20	3
SLAVE POINT - A	139	25.0	35	0	0	35	0.703	24	0	24
TOTAL FIELD	18,984		14,239	74	11,730	2,509		11,770	9,694	2,076
6410 NIG CREEK NORTH										
BLUESKY - A	870	80.0	696	1	657	39	0.756	526	497	29
BLUESKY - A - CNRL PROJECT	2,488	80.0	1,990	10	1,943	47	0.750	1,494	1,458	36
GETHING - A	94	20.0	19	0	15	4	0.727	14	11	3
TOTAL FIELD	3,452		2,705	11	2,615	90		2,034	1,966	68
6420 NIG CREEK WEST										
BALDONNEL - A	163	17.9	29	0	29	0	0.785	23	23	0
BALDONNEL - B	87	90.0	78	0	3	75	0.836	66	3	63
TOTAL FIELD	250		107	0	32	75		89	26	63

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
6400 NIG CREEK														
D	0	4.8	11.4	28.5	334	Y	356	10,199	0.8430	44.071	6	2010-12	07533	1990
V	281	4.6	15.8	21.9	334	Y	339	10,099	0.8440	43.300	3	2010-12	08349	1993
D	1,405		12.9	41.7	333	Y	380	11,137	0.8390	45.480	5	2017-12	04145	1978
V	281	4.3	12.4	29.0	333	N	404	11,135	0.8470	45.370	0	2002-12	04138	1978
V	282	8.5	9.3	41.5	341	N	395	11,753	0.8210		0	2002-12	04478	1978
D	0	14.7	11.6	9.7	333	Y	362	8,596	0.8470	46.390	1	2010-12	12262	2000
D	281				334	Y	363	8,997	0.8440	45.810	1	2016-12	11324	1998
D	562		10.2	31.3	331	Y	399	8,700	0.8630	43.630	1	2016-12	22162	2006
D	282		15.0	30.0	332	Y	385	10,664	0.8670	43.550	1	2016-12	00819	1999
V	282	5.5	11.3	22.1	332	Y	394	10,342	0.8620		1	2008-12	22256	2007
D					332	Y	404	9,810	0.8740		2	2013-12	01475	1998
M		11.5	10.5	24.0	334	Y	426	11,252	0.8470	42.020	9	2017-12	00061	1954
D	0	11.5	10.5	24.0	334	Y	426	11,252	0.8470	44.539	33	2013-12	00061	1954
V	65	5.6			334	Y	426				1		00061	1954
D		5.9			336	Y	431			43.630	3	2016-12	02152	1967
V	281	14.6	9.1	43.2	336	N	439	10,535	0.8560		0	2002-12	03783	1976
D		14.2	9.0	31.0	334	Y	430	9,652	0.8670	44.349	2	2014-12	11912	1999
V	281	2.5	9.0	30.0	338	Y	476	11,518	0.8560	42.740	1	2006-12	11821	1999
D		1.2	9.9	16.4		Y	470			43.790	1	2015-12	08540	1994
V	282	1.0	12.0	23.0	340	Y	533	12,845	0.8390		1	2012-12	12992	2000
M	281		11.1	34.4	340	Y	599	10,873	0.8500	42.850	1	2010-12	00131	1955
V	200	5.8	7.5	27.0	406	N	2,454	31,123	0.9940			2002-12	00061	1954
6410 NIG CREEK NORTH														
D	0	3.0	13.7	27.0	331	Y	336	10,332	0.8440	47.348	8	2010-12	04790	1979
D	0					Y	339	10,332	0.8440	45.253	27	2014-12	04790	1976
D	281	2.8	11.8	16.0	324	Y	354	10,777	0.7870	50.030	1	2005-12	07115	1990
6420 NIG CREEK WEST														
X	530	3.0	11.5	24.0	333	Y	452	11,376	0.8300		0	2002-12	00092	1954
V	282	5.1	7.2	28.4	330	Y	452	11,324	0.8300	42.260	1		10216	1997

**Pool Reserve Report - Gas
As of December 31, 2017**

Field / Pool / Project	1 Original Gas In Place 10E6 m3	2 Recovery Factor %	3 Initial Reserves (Raw) 10E6 m3	4 Annual Prod (Raw) 10E6 m3	5 Cumul Prod (Raw) 10E6 m3	6 Remaining Reserves (Raw) 10E6 m3	7 Shrink Factor	8 Initial Reserves (Mktble) 10E6 m3	9 Cumul. Prod (Mktble) 10E6 m3	10 Remain'g Reserves (Mktble) 10E6 m3
6430 NOEL										
PADDY - A	180	75.0	135	3	117	18	0.725	98	85	13
PADDY - C	58	90.0	52	1	37	15	0.752	39	28	11
PADDY - D	359	75.0	269	0	216	53	0.746	201	161	40
PADDY - I	33	80.0	26	0	20	6	0.740	19	15	4
CADOTTE - A	1,646	90.0	1,482	10	1,300	182	0.741	1,097	963	134
CADOTTE - B - CANHUNTER PROJECT	117	90.0	105	1	83	22	0.729	77	61	16
CADOTTE - C - CANHUNTER PROJECT	26	50.0	13	0	6	7	0.754	10	5	5
CADOTTE - D - CANHUNTER PROJECT	327	80.0	262	3	233	29	0.702	184	163	21
CADOTTE - G	81	80.0	65	0	38	27	0.743	48	28	20
CADOTTE - J - CANHUNTER PROJECT	30	90.0	27	0	25	2	0.741	20	18	2
CADOTTE - K - CANHUNTER PROJECT	104	90.0	93	2	89	4	0.742	69	66	3
CADOTTE - L	598	85.0	508	3	470	38	0.743	377	349	28
CADOTTE - M - CANHUNTER PROJECT	1,657	90.0	1,491	12	949	542	0.737	1,098	699	399
CADOTTE - N	39	90.0	35	0	34	1	0.749	26	25	1
CADOTTE - O	241	4.5	11	0	11	0	0.746	8	8	0
CADOTTE - P	212	80.0	169	2	96	73	0.743	126	71	55
CADOTTE - R	723	90.0	651	9	534	117	0.740	482	396	86
CADOTTE - S	158	90.0	142	1	85	57	0.733	104	62	42
CADOTTE - T	22	90.0	20	0	15	5	0.742	15	11	4
CADOTTE - U	4	90.0	4	0	0	4	0.714	3	0	3
CADOTTE - V	116	90.0	105	0	0	105	0.724	76	0	76
CADOTTE - W	70	90.0	63	0	7	56	0.699	44	5	39
CADOTTE	15	80.0	12	0	0	12	0.699	8	0	8
FALHER A - A - CANHUNTER PROJECT	47	85.0	40	0	40	0	0.726	29	29	0
FALHER A - B - CANHUNTER PROJECT	197	80.0	157	0	0	157	0.671	105	0	105
FALHER A - D - CANHUNTER PROJECT	166	30.0	50	0	47	3	0.744	37	35	2
FALHER A - F	409	90.0	368	6	192	176	0.690	254	132	122
FALHER A - G	8	75.0	6	0	6	0	0.739	5	4	1
FALHER A - J	17	70.0	12	0	3	9	0.746	9	2	7
FALHER B - C	2,379	90.0	2,141	17	1,687	454	0.746	1,598	1,259	339
FALHER B - E	91	90.0	82	1	34	48	0.740	61	25	36
FALHER B - F	157	90.0	141	2	135	6	0.744	105	101	4
FALHER B - G	199	90.0	179	3	93	86	0.745	133	69	64
FALHER D - A - CANHUNTER PROJECT	29	90.0	26	0	21	5	0.737	19	15	4

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
6430 NOEL														
D	0	8.8	9.3	34.4	337	Y	971	15,742	0.8340		1	2002-12	06636	1987
D	0	6.3	6.7	18.0	339	Y	1,036	10,900	0.8450		1	2013-12	07117	1989
V	295	9.2	7.6	19.9	341	Y	1,051	22,437	0.8610	42.900	1	2002-12	07159	1989
D	590		11.3	12.7	344	Y	1,069	9,538	0.8730	43.710	2	2011-12	23750	2008
D	0	4.0	8.4	33.2	344	Y	1,085	9,027	0.9010	38.933	10	2005-12	06394	1986
D		2.4	7.3	35.2	342	Y	1,122	10,280	0.8640		1	2014-12	05408	1980
V	296	3.6	5.2	53.6	348	Y	1,207	11,132	0.9090		1		05478	1981
D	0	5.8	8.2	26.8	347	Y	1,238	13,050	0.8890	38.280	3	2002-12	06613	1987
V	592	2.0	8.5	19.2	347	Y	1,157	10,557	0.8670	41.140	3		10586	1997
D		5.9	7.1	36.5	350	Y	1,272	13,064	0.8940	39.450	1	2014-12	05715	1996
D	0	3.5	7.8	33.9	348	Y	1,299	17,789	0.8910		1	2010-12	06355	1986
D	1,323		8.9	33.6	345	Y	1,026	8,359	0.9060		5	2013-12	06540	1986
D	0	5.6	8.0	30.7	344	Y	1,147	8,915	0.9100	39.711	10	2013-12	05473	1981
M	0	4.0	8.5	33.9	342	Y	928	14,132	0.8660		2	2005-12	07405	1990
X	294		9.2	27.1	336	Y	906	14,136	0.8600		1	2010-12	07236	1990
D	0	2.3	11.0	17.0	343	Y	1,091	10,332	0.8860		1	2013-12	07361	1997
V	0	4.4	10.5	18.5	350	Y	1,074	8,891	0.9210	38.520	4	2007-12	08072	1993
V	490	3.0	10.9	17.9	344	Y	960	12,684	0.8750	40.900	3	2005-12	08224	1993
D			10.3	18.3	344	Y	1,169	11,096	0.8850		1	2013-12	11048	1999
D			10.2	23.0	343	Y	1,033	8,642	0.9010		0	2012-12	25564	2010
V	598	3.8	8.7	26.5	350	Y	1,211	9,032	0.9170	36.080	0	2012-12	25110	2009
V	296	4.6	7.8	33.0	355	Y	1,277	11,119	0.9050	39.210	1	2012-12	23434	2007
D	281				355	Y	362	11,119	0.9050		0	2010-12	23434	2007
M	0	5.5	4.3	48.5	349	Y	1,289	15,228	0.8670		1	2010-12	05053	1980
V	1,100	3.5	5.6	30.6	350	Y	1,393	14,272	0.8830				05715	1982
D	0	5.8	7.7	25.7	348	Y	1,292	18,322	0.8880	38.680	1	2007-12	06637	1989
V	1,634	3.6	7.1	31.1	347	Y	1,096	15,057	0.8680	42.621	7	2008-12	08196	1998
D		9.7	7.0	25.0	357	Y	1,437	12,599	0.9180	37.490	1	2016-12	14047	2001
V	64	4.2	7.4	41.0	343	Y	1,007	15,053	0.8460	40.306	2	2013-12	20499	2006
D	0	6.2	7.3	31.3	349	Y	1,236	15,938	0.8580	41.425	18	2013-12	06638	1987
V	296	5.0	9.9	33.0	352	Y	1,352	10,252	0.8940	38.200	1		10391	1997
D	295				349	Y	1,282	16,009	0.8650	41.294	2	2008-12	10586	1997
V	296	7.1	8.1	19.7	348	Y	1,293	15,549	0.8730		1		11048	1999
D	0	4.5	6.8	29.9	353	Y	1,493	17,789	0.8960		1	2012-12	06355	1986

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	1	2	3	4	5	6	7	8	9	10
Field / Pool / Project	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
6430 NOEL										
FALHER D - B	47	90.0	42	1	14	28	0.722	31	10	21
BLUESKY - B	258	90.0	233	0	0	233	0.714	166	0	166
BLUESKY - C	321	90.0	288	0	0	288	0.724	209	0	209
BASAL BLUESKY - A	172	80.0	137	4	96	41	0.722	99	70	29
BASAL BLUESKY - C - CANHUNTER PROJECT	68	25.0	17	0	0	17	0.718	12	0	12
BASAL BLUESKY - D - CANHUNTER PROJECT	38	85.0	33	0	32	1	0.729	24	23	1
BASAL BLUESKY - E	48	90.0	44	1	42	2	0.727	32	30	2
BASAL BLUESKY - F	111	90.0	100	0	99	1	0.722	72	71	1
BASAL BLUESKY - G	19	90.0	17	0	16	1	0.722	12	12	0
BASAL BLUESKY - H	216	90.0	194	0	0	194	0.722	140	0	140
BASAL BLUESKY - I	530	90.0	477	10	270	207	0.705	336	191	145
BASAL BLUESKY - J	228	90.0	205	1	175	30	0.728	149	127	22
BASAL BLUESKY - K	25	90.0	22	1	16	6	0.603	13	10	3
GETHING - B	99	60.0	60	0	0	60	0.748	45	0	45
GETHING - C	81	45.0	36	0	0	36	0.748	27	0	27
GETHING - D	33	80.0	26	1	20	6	0.724	19	14	5
GETHING - E	177	90.0	159	4	92	67	0.715	114	66	48
GETHING - G	85	80.0	68	0	1	67	0.893	61	1	60
GETHING	5	95.0	5	0	4	1	0.727	3	3	0
NIKANASSIN - B	407	80.0	326	3	84	242	0.705	230	59	171
NIKANASSIN - D	22	55.0	12	0	11	1	0.569	7	6	1
NIKANASSIN - F	11	70.0	8	0	6	2	0.694	5	4	1
NIKANASSIN - G	182	90.0	164	5	86	78	0.703	115	60	55
NIKANASSIN - H	166	90.0	150	5	84	66	0.701	105	59	46
NIKANASSIN - I	28	90.0	25	1	15	10	0.705	18	10	8
NIKANASSIN - J	962	90.0	866	8	122	744	0.703	608	86	522
DOIG - B	172	90.0	155	0	0	155	0.854	132	0	132
DOIG - C	134	90.0	121	11	62	59	0.658	80	41	39
DOIG - E	312	90.0	281	21	103	178	0.622	175	64	111
DOIG - G	187	85.0	159	9	123	36	0.659	105	81	24
DOIG - H	428	90.0	385	14	285	100	0.660	254	188	66
DOIG PHOSPHATE BEDS - A	46	70.0	32	0	0	32	0.709	23	0	23
TOTAL FIELD	16,133		13,789	176	8,481	5,308		10,005	6,176	3,829

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
6430 NOEL														
V	296	3.6	6.5	45.0	354	Y	1,424	13,935	0.9040	38.240	1	2006-12	17722	2004
V	295	6.2	8.0	24.0	362	N	1,676	28,672	0.9690		0	2010-12	25110	2009
V	599	5.0	6.8	31.8	362	Y	1,517	28,672	0.9760	38.055	0	2012-12	24795	2010
D	1,830	2.8	7.4	27.5	364	Y	1,698	28,055	0.9670	33.607	4	2017-12	05478	1981
V	296	2.6	6.3	27.4	359	N	1,726	22,372	0.9210		0	2002-12	05715	1982
M	0	5.7	7.4	45.1	354	Y	1,544	26,698	0.9440		1	2012-12	06599	1987
D	0	7.0	8.6	44.1	356	Y	1,436	22,473	0.9330		1	2011-12	06681	1987
M	0	3.0	5.8	42.5	354	Y	1,352	20,034	0.9040		1		07236	1990
D	0	10.6	9.8	10.8	357	Y	1,403	22,537	0.9200		1	2006-12	07405	1990
V	295	4.8	11.6	26.2	351	N	1,357	19,902	0.9060		0	2014-12	13121	2001
D	295		10.4	27.0	357	Y	1,498	21,265	0.9180	38.130	1	2010-12	21507	2006
D	590		8.1	34.0	359	Y	1,636	28,268	0.9620	38.490	2	2009-12	05053	1980
D	294	4.0	9.2	18.0	355	Y	1,366	20,119	0.8910	38.220	1	2016-12	15360	2003
V	150	3.7	11.4	36.0	351	N	1,516	28,424	0.9400	39.070	0		06636	1987
V	150	2.5	12.4	34.0	339	N	1,546	29,587	0.9400		0		07117	1989
D		2.9	13.4	37.0	361	Y	1,686	16,653	0.9130	38.140	1	2014-12	17722	2004
D		3.3	11.8	19.0	366	Y	1,755	28,687	0.9740	38.000	1	2012-12	16155	2003
V	296	2.0	12.0	29.0	367	Y	1,807	20,232	0.9280	38.140	1	2013-12	22735	2007
D					366	Y		28,687	0.9350	37.190	3	2017-12	15358	2003
V	331	12.1	6.7	40.2	375	Y	2,017	34,721	1.0380	37.520	2	2008-12	20002	2006
D	1,480		5.8	25.4	368	Y	1,634	25,423	0.9430	39.640	5	2017-12	13130	2000
D	64		6.0	34.0	375	Y	1,998	33,000	1.0190	36.740	1	2010-12	21616	2006
D	297		6.0	32.0	370	Y	1,924	22,760	0.9160	37.740	2	2011-12	24714	2009
D	331		7.7	28.0	365	Y	1,761	18,900	0.9430	36.840	1	2011-12	25564	2010
D		26.0	5.3	42.0	375	Y	1,999	34,721	1.0040	35.920	1	2014-12	26347	2010
V	599	26.0	5.7	41.7	370	Y	1,822	22,760	0.9410		2	2012-12	24795	2010
D	294		9.2	11.5	381	Y	2,516	31,145	1.0030		0	2012-12	24642	2009
V	294	3.4	6.0	15.0	378	N	2,364	36,371	1.0380	34.530	1	2008-12	18494	2005
V	294	8.8	5.9	18.0	380	N	2,316	34,804	1.0440	38.000	1	2015-12	21542	2007
V	590	4.0	4.1	24.0	381	Y	2,316	35,085	1.0300	35.210	1	2012-12	25669	2009
V	590	8.0	4.0	13.4	380	Y	2,310	35,417	1.0120	34.892	2	2012-12	23333	2008
V	294	0.9	9.2	23.0	380	N	2,412	34,804	1.0590	33.980	0	2015-12	21542	2007



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	1	2	3	4	5	6	7	8	9	10
Field / Pool / Project	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
6440 NORTH PINE										
NORTH PINE - B	235	90.0	212	0	191	21	0.892	189	170	19
NORTH PINE - B - REMINGTON PROJECT										
SOLN	7	60.0	4	0			0.848	4		
CAP	135	90.0	122	0	121	5	0.848	103	102	5
TOTAL GAS	142		126	0	121	5		107	102	5
TOTAL FIELD	377		338	0	312	26		296	272	24



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Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
6440 NORTH PINE														
M	0	1.6	9.9	14.3	329	Y	645	13,355	0.8080		1		04457	1978
												2007-12	04457	1978
D	0	2.1	10.5	13.4	329	Y	645	13,355	0.8080	47.300	2	2007-12	04457	1978

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Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
6460 OAK										
GETHING - D	20	90.0	18	0	15	3	0.857	15	13	2
CADOMIN - A	187	85.0	159	0	81	78	0.902	143	73	70
CADOMIN - B	81	50.0	41	0	6	35	0.891	36	5	31
CADOMIN - C	46	80.0	36	0	33	3	0.892	33	30	3
DUNLEVY - A	79	80.0	63	0	23	40	0.882	56	20	36
BALDONNEL - A	579	80.0	463	2	298	165	0.866	401	258	143
BALDONNEL - B	38	55.0	21	0	0	21	0.865	18	0	18
BALDONNEL - C	54	90.0	48	1	35	13	0.857	41	30	11
BALDONNEL - C - ENCO PROJECT	123	90.0	111	0	99	12	0.867	96	86	10
BALDONNEL - C - PENGROWTH PROJECT #1	49	90.0	44	1	31	13	0.865	38	27	11
BALDONNEL - C - PENGROWTH PROJECT #2	49	90.0	44	0	29	15	0.868	38	26	12
BALDONNEL - C - SAMSON PROJECT	246	90.0	221	2	192	29	0.863	191	166	25
BALDONNEL - G	138	90.0	124	0	76	48	0.866	108	65	43
BALDONNEL - H	SOLN	8	50.0	4	0	1	0.870	4	1	3
BALDONNEL - H - CANETIC PROJECT	SOLN	8	90.0	7	0	5	0.860	6	4	2
BALDONNEL - I	SOLN	9	50.0	5	0		0.858	4		
	CAP	13	80.0	11	0	1	0.858	9	1	12
TOTAL GAS	22		16	0	1	15		13	1	12
CECIL - A	9	80.0	8	0	6	2	0.869	7	5	2
CECIL - B - PENGROWTH UNIT	SOLN	31	63.0	19	0	19	0.853	17	16	1
CECIL - C - PENGROWTH PROJECT	SOLN	68	70.0	48	1		0.861	41		
	CAP	134	90.0	121	0	153	0.861	104	131	14
TOTAL GAS	202		169	1	153	16		145	131	14
CECIL - D	69	90.0	62	0	43	19	0.882	55	38	17
CECIL - E - PENGROWTH PROJECT	SOLN	66	50.0	33	0		0.823	27		
	CAP	48	80.0	38	0	70	0.823	32	58	1
TOTAL GAS	114		71	0	70	1		59	58	1
CECIL - H	231	22.6	52	0	52	0	0.878	46	46	0
CECIL - I - APACHE PROJECT	SOLN	45	70.0	31	0		0.837	26		
	CAP	22	70.0	15	0	46	0.837	13	38	1
TOTAL GAS	67		46	0	46	0		39	38	1
CECIL - K - SAMSON PROJECT	SOLN	12	70.0	8	0	8	0.836	7	6	1

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Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
6460 OAK														
D	518		14.6	25.5	325	Y	387	10,811	0.8320		2	2014-12	08354	1996
D	0	4.0	12.0	35.0	324	Y	390	10,070	0.8660	39.510	1	2005-12	09962	1996
V	259	4.0	12.0	35.0	322	Y	391	9,879	0.8690	38.330	1	2004-12	10641	1997
D			14.6	41.0	324	Y	406	10,120	0.8660	40.680	3	2012-12	08376	1994
V	262	2.8	13.7	16.0	323	Y	394	9,060	0.8490		1	2009-12	10655	2005
D	0	5.6	16.8	22.7	328	Y	472	10,517	0.8620	41.779	10	2013-12	07733	1991
V	219	1.8	12.0	25.0	326	N	468	10,622	0.8600	40.330	0		07985	1992
D	1,314		17.0	22.5	326	Y	480	10,563	0.8530		2	2016-12	01130	1962
V						Y	478		0.8530	42.274	2	2005-12	01130	1962
V						Y	478		0.8530	42.690	2	2005-12	01130	1962
V						Y	478		0.8530	42.460	2	2005-12	01130	1962
V						Y	478		0.8530	35.023	8	2016-12	01130	1962
D	1,036		14.9	27.5	329	Y	467	10,335	0.8540	42.581	4	2011-12	12199	1999
V		4.3			327	Y	487			41.540	1	2010-12	11454	2001
V	54	4.3			327	Y	487				2	2010-12	11454	2001
V	257	0.5	14.0	31.4	327	Y	473	10,324	0.8420	43.030	1	2008-12	16534	2003
V	121	1.5	7.0	38.6	327	Y	550	11,556	0.8300		1		03216	1972
V	260	1.5			328	Y	557			43.202	5	2017-12	05575	1981
V	777	1.3	14.1	22.6	327	Y	553	11,463	0.8180	44.705	21	2017-12	07166	1989
D	0	0.0	18.3	14.4	321	Y	546	5,479	0.8930	43.540	2	2012-12	07439	1990
D												2017-12	08099	1993
D		1.4	15.3	9.2	328	Y	548	12,591	0.8350	50.530	16	2017-12	08099	1993
X	259	3.5	20.4	4.8	327	Y	546	12,370	0.8200	41.360	1	2003-12	08354	1993
												2017-12	08650	1994
						Y				40.378	9	2017-12		
D	65				328	Y	558			48.850	1	2017-12	11257	1998



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	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
6460 OAK										
CECIL	31	70.0	22	0	0	22	0.872	19	0	19
BOUNDARY LAKE - A - SABRETOOTH PROJECT	SOLN 18	80.0	14	1	11	3	0.865	12	9	3
BOUNDARY LAKE - B	SOLN 18	50.0	9	0	8	1	0.903	8	7	1
HALFWAY - A	SOLN 13	50.0	6	0			0.857	5		
	CAP 2,179	85.0	1,852	1	1,843	15	0.857	1,586	1,579	12
TOTAL GAS	2,192		1,858	1	1,843	15		1,591	1,579	12
HALFWAY - B	SOLN 157	50.0	78	0			0.777	61		
	CAP 171	50.0	86	0	85	79	0.777	67	66	62
TOTAL GAS	328		164	0	85	79		128	66	62
HALFWAY - D	99	90.0	89	0	75	14	0.859	77	65	12
HALFWAY - G	241	90.0	217	0	212	5	0.861	187	183	4
HALFWAY - H	8	7.1	1	0	1	0	0.844	1	1	0
MONTNEY - A	123	30.0	37	3	3	34	0.818	30	3	27
TOTAL FIELD	5,520		4,266	12	3,560	706		3,665	3,056	609

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
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6460 OAK														
D	259				328	Y	547	11,626	0.8270		0	2010-12	13806	2001
D	65				328	Y	593			45.150	1	2017-12	22573	2007
D		3.0			328	Y	594			45.340	1	2017-12	24873	2008
												2017-12	03269	1973
D	2,590		13.4	24.4	327	Y	811	12,759	0.8330	41.612	10	2017-12	03171	1972
												2014-12	03363	1973
V	471	1.5	20.2	8.5	329	Y	713	12,753	0.8400	44.620	4	2014-12	03363	1973
D	0	3.6	19.1	22.9	329	Y	710	11,177	0.8630	43.580	1	2012-12	07815	1992
D	0	4.4	15.6	28.4	330	Y	686	12,165	0.8470	41.977	4	2009-12	08753	1994
X	73	2.2	8.3	59.8	331	Y	734	14,713	0.8040	44.500	1	2010-12	21640	2006
V	518	4.7	6.7	54.3	334	Y	851	15,039	0.7780	48.110	2	2017-12	21640	2006

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	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
6480 OJAY										
CRETACEOUS - A	6,958	90.0	6,262	49	2,676	3,586	0.920	5,763	2,463	3,300
CRETACEOUS - B	4,693	90.0	4,224	78	1,177	3,047	0.927	3,917	1,092	2,825
CRETACEOUS - C	23,164	90.0	20,847	292	5,262	15,585	0.934	19,461	4,912	14,549
CADOMIN - H	31	90.0	28	0	23	5	0.909	25	21	4
NIKANASSIN - H	45	90.0	41	0	19	22	0.904	37	17	20
BALDONNEL - A	7,353	80.0	5,883	143	3,808	2,075	0.689	4,051	2,622	1,429
BALDONNEL - B	7,624	90.0	6,862	76	4,755	2,107	0.808	5,547	3,844	1,703
BALDONNEL - C	386	90.0	348	0	324	24	0.878	305	285	20
BALDONNEL - D	347	90.0	312	14	216	96	0.841	263	181	82
BALDONNEL - E	180	90.0	162	2	77	85	0.825	133	63	70
BALDONNEL - F	296	70.0	207	0	0	207	0.871	180	0	180
HALFWAY - A	127	80.0	102	0	82	20	0.871	88	71	17
TAYLOR FLAT - A	1,830	75.0	1,372	0	756	616	0.893	1,225	675	550
TAYLOR FLAT - C	1,545	90.0	1,390	0	155	1,235	0.709	986	110	876
TAYLOR FLAT - D	1,673	90.0	1,505	0	40	1,465	0.627	944	25	919
TAYLOR FLAT - E	1,042	1.0	10	0	1	9	0.687	7	1	6
DEBOLT - A	1,298	90.0	1,169	0	1	1,168	0.891	1,041	1	1,040
TOTAL FIELD	58,592		50,724	654	19,372	31,352		43,973	16,383	27,590
6485 OOTLA										
PINE POINT - A	253	70.0	177	0	6	171	0.748	133	5	128
PINE POINT - B	51	90.0	46	0	42	4	0.741	34	31	3
PINE POINT - C	27	70.0	19	0	15	4	0.730	14	11	3
TOTAL FIELD	331		242	0	63	179		181	47	134

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
6480 OJAY														
V	7,200	8.1	7.6	25.0	368	Y	1,624	25,000	0.9230	38.767	66	2012-12	14389	2002
V	4,200	12.2	6.0	32.5	373	Y	1,761	28,000	0.9440	38.338	19	2012-12	13853	2001
V	12,000	15.5	7.6	28.0	373	Y	1,428	28,000	0.9380	36.996	50	2015-12	03976	1979
D		6.1	8.4	18.0	348	Y	1,204	19,340	0.9020	36.860	1	2010-12	21811	2007
D			8.2	23.0	350	Y	1,369	19,763	0.9050	38.040	1	2013-12	21811	2007
V	3,903	18.6	4.3	18.3	330	Y	2,534	32,434	0.9650	32.669	8	2010-12	03511	1974
D	0	9.3	4.8	11.2	349	Y	1,494	26,925	0.9140	34.975	4	2010-12	08200	1993
D	0	9.0	3.5	15.0	318	Y	402	19,120	0.8460	37.370	1	2007-12	08606	1994
D	298		6.3	34.0	387	Y	2,542	34,964	1.0360	35.110	1	2010-12	22537	2007
D	298		4.0	10.0	382	Y	2,451	37,403	1.0400	35.220	1	2010-12	23595	2008
V	298	10.0	5.0	15.0	385	Y	2,571	32,206	1.0180	37.460	0	2012-12	24173	2009
V	296	5.2	5.9	37.0	326	Y	885	22,196	0.8720	37.130	1	2007-12	08372	2001
V	834	17.2	5.5	16.3	398	Y	3,062	40,171	1.0360	37.717	2	2007-12	03976	1998
V	300	29.1	7.1	10.0	395	Y	2,532	42,153	1.0960	37.200	2	2005-12	13192	2001
V	299	35.0	6.3	13.2	398	Y	2,956	40,171	0.9820	37.770	1	2010-12	17233	2005
V	299	50.0	3.0	20.0	400	N	3,367	42,340	1.0370	37.380	1	2014-12	22057	2007
V	300	19.1	11.2	34.0	399	Y	3,225	40,818	0.9490	37.940	1	2006-12	11648	2000
6485 OOTLA														
V	200	13.2	6.0	14.0	377	Y	1,863	22,914	0.9300		1	2008-12	04722	1979
D	262		6.0	15.0	401	Y	650	22,078	0.9620	37.210	1	2010-12	14716	2003
D	261		5.5	18.0	403	Y	1,841	21,843	0.9610		1	2010-12	15895	2003

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Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
6490 OSBORN										
BLUESKY - A	204	90.0	183	0	153	30	0.746	137	114	23
BLUESKY - B	11	20.0	2	0	1	1	0.747	2	1	1
BLUESKY	13	80.0	10	0	7	3	0.748	8	6	2
GETHING - A	576	80.0	461	3	420	41	0.745	344	313	31
GETHING - B	112	25.0	28	0	0	28	0.748	21	0	21
GETHING - D	90	90.0	81	2	68	13	0.746	61	51	10
GETHING - E	25	25.0	6	0	6	0	0.884	6	5	1
GETHING - F	160	90.0	144	4	68	76	0.746	108	51	57
BALDONNEL - A	156	80.0	124	0	25	99	0.748	93	18	75
BALDONNEL - B	35	90.0	32	0	28	4	0.744	24	21	3
BALDONNEL - C	37	90.0	34	0	31	3	0.869	29	27	2
BALDONNEL - D	18	80.0	14	0	6	8	0.738	10	4	6
NORTH PINE - A	51	80.0	41	1	32	9	0.748	30	24	6
HALFWAY - A	41	80.0	33	0	21	12	0.746	24	16	8
HALFWAY - B	14	80.0	11	0	10	1	0.879	10	8	2
BELLOY - A	134	65.0	87	0	87	0	0.748	65	65	0
BELLOY - B	113	80.0	90	0	53	37	0.748	68	39	29
TOTAL FIELD	1,790		1,381	10	1,016	365		1,040	763	277

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11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
6490 OSBORN														
M	1,684	1.4	15.9	34.9	326	Y	302	8,223	0.8590	42.000	9	2007-12	00322	1958
V	284	1.1	12.1	56.2	326	Y	305	6,942	0.8890	42.330	1	2016-12	19039	2005
D	284		11.4	55.5	325	Y	307	7,267	0.8750	42.010	1	2010-12	17671	2004
D		6.0	15.1	47.6	322	Y	321	8,874	0.8650	42.535	16	2014-12	01257	1963
V	284	6.5	13.6	48.9	328	N	309	8,638	0.8610		0	2002-12	04744	1979
D	284	0.0	12.6	49.6	327	Y	317	7,487	0.8800	42.130	2	2010-12	19039	2005
V	264	0.9	14.2	9.6	325	Y	315	8,237	0.8760		1	2015-12	19856	2005
D	852		15.7	28.3	326	Y	297	8,177	0.8750	42.807	3	2010-12	19174	2006
V	259	9.1	14.0	49.2	329	Y	361	9,021	0.8400	42.500	1		01319	1964
D	284	3.4	13.6	21.0	327	Y	341	8,841	0.8920	39.670	1	2017-12	10502	2001
D		3.6	18.4	17.6	328	Y	358	8,922	0.8740		2	2014-12	19673	2005
V	284	2.1	11.0	70.1	328	Y	352	8,906	0.8640	42.230	1	2010-12	01257	1963
D		2.1	6.4	30.0	329	Y	436	9,981	0.8450	43.190	1	2013-12	00322	2003
V	284	1.8	10.0	19.4	330	Y	495	9,858	0.8570	42.450	1	2005-12	05611	1981
D	284		15.7	14.3	334	Y	491	10,940	0.8450		1	2010-12	16233	2003
X	284	3.2	17.0	34.0	340	Y	765	13,348	0.8480	43.070	1	2003-12	00322	1958
V	284	1.9	19.5	18.0	340	Y	763	13,385	0.8550	43.110	1	2004-12	14832	2002

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Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
6500 OSPREY										
BLUESKY - A	482	90.0	434	3	388	46	0.747	324	290	34
BLUESKY - B	30	90.0	27	0	21	6	0.748	20	15	5
BLUESKY - C	114	90.0	102	1	95	7	0.747	76	71	5
BLUESKY - D	12	38.0	5	0	4	1	0.875	4	4	0
BLUESKY - E	196	80.0	156	3	62	94	0.748	117	47	70
GETHING - A	312	80.0	250	1	247	3	0.747	187	184	3
GETHING - B	39	90.0	35	0	20	15	0.748	26	15	11
GETHING - C	39	90.0	35	1	28	7	0.747	27	21	6
GETHING - D	111	90.0	100	2	73	27	0.748	75	54	21
GETHING - F	65	90.0	58	0	10	48	0.748	43	7	36
GETHING - G	18	80.0	15	0	12	3	0.748	11	9	2
GETHING - H	24	90.0	21	1	14	7	0.748	16	11	5
GETHING - I	14	70.0	10	0	9	1	0.696	7	6	1
NORDEGG - A	1	90.0	1	0	0	1	0.748	1	0	1
NORDEGG - B	34	80.0	27	0	10	17	0.748	20	7	13
NORDEGG - C	70	80.0	56	2	32	24	0.747	42	24	18
BALDONNEL - A	266	85.0	226	3	129	97	0.747	169	96	73
CHARLIE LAKE - A	10	80.0	8	0	2	6	0.748	6	2	4
CECIL - A	27	80.0	22	0	16	6	0.748	16	12	4
CECIL - B	20	80.0	16	0	2	14	0.748	12	1	11
HALFWAY - A	SOLN	11	50.0	6	0		0.680	4		
	CAP	182	90.0	164	0	161	0.680	111	109	6
TOTAL GAS	193		170	0	161	9		115	109	6
HALFWAY - B	55	6.9	4	0	4	0	0.748	3	3	0
HALFWAY - C	131	90.0	118	0	38	80	0.748	88	29	59
HALFWAY - D - CNRL PROJECT	SOLN	35	66.0	23	0		0.862	20		
	CAP	71	70.0	50	0	71	0.862	43	61	2
TOTAL GAS	106		73	0	71	2		63	61	2
HALFWAY - E - CNRL PROJECT #3	SOLN	16	50.0	8	0		0.876	7		
	CAP	77	70.0	54	0	60	0.876	47	52	2
TOTAL GAS	93		62	0	60	2		54	52	2

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
6500 OSPREY														
D	0	2.1	12.8	57.4	322	Y	292	7,475	0.8650	44.015	8	2010-12	03905	1977
V	452	1.0	13.9	36.4	324	Y	273	7,446	0.8680	43.457	3	2008-12	04084	1977
M	1,128		13.1	46.9	325	Y	291	7,568	0.8710	43.625	4	2010-12	05117	1980
V	282	1.4	8.7	54.5	323	Y	304	7,565	0.8630	42.730	2	2016-12	11146	1998
D	282		12.9	33.1	322	Y	302	7,554	0.8710	42.790	1	2010-12	23257	2008
D	1,357	0.0	12.8	29.8	326	Y	328	8,396	0.8600	42.330	6	2010-12	03853	1977
V	282	4.8	13.7	50.9	331	Y	297	4,609	0.9240	43.520	2	2008-12	06138	1984
D		3.3	10.4	38.2	326	Y	280	8,396	0.8140	42.160	4	2017-12	01271	1963
D	0	5.3	10.9	51.6	317	Y	314	6,041	0.8910		1	2007-12	02613	2002
V	282	7.6	10.3	58.8	325	Y	301	7,097	0.8750		1	2008-12	20395	2006
D		1.0	13.6	61.5	319	Y	309	4,712	0.9140	42.310	2	2017-12	13793	2001
D	282		13.4	25.3	323	Y	299	8,262	0.8630	41.710	1	2010-12	23242	2008
D		2.6	13.8	32.4	324	Y	325	6,902	0.8850	42.170	1	2015-12	16097	2003
V	282	0.4	10.9	31.7	324	Y	297	1,245	0.9770		1	2008-12	22386	2007
V	282	2.6	8.4	35.0	326	Y	346	8,477	0.8680	42.370	1	2008-12	20405	2006
D	282		6.3	25.0	325	Y	346	8,925	0.8580	41.710	1	2010-12	23242	2008
V	954	3.9	12.9	37.1	331	Y	352	8,938	0.8730	42.270	3		01271	1963
V	282	1.1	8.9	56.5	325	Y	377	8,253	0.8670	42.940	1	2009-12	23256	2005
V	283	1.2	9.5	20.4	319	Y	389	9,837	0.8350		1	2004-12	11199	1998
V	283	1.2	10.5	39.0	325	Y	398	9,159	0.8520	43.090	1	2005-12	16215	2003
												2014-12	01610	1965
M	0	0.0	17.7	21.5	327	Y	454	9,598	0.8410	42.060	3	2014-12	01610	1965
X	259	1.5	20.2	26.0	329	Y	450	9,542	0.8650	44.410	0	2010-12	03853	1977
V	282	5.0	17.4	44.9	325	Y	462	9,591	0.8640	41.820	1		03959	1977
												2017-12	06138	1984
D	162	2.7	20.9	33.5	325	Y	433	9,192	0.8790	43.103	4	2017-12	06138	1984
												2017-12	06174	1985
D		3.6	20.8	24.8	325	Y	441	9,411	0.8630	42.760	1	2017-12	06174	1985

Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
6500 OSPREY										
HALFWAY - G	SOLN	3	50.0	2	0		0.713	1		
	CAP	244	90.0	220	0	213	9	0.713	157	152
	TOTAL GAS	247		222	0	213	9		158	152
HALFWAY - H		89	20.0	18	0	3	15	0.895	16	2
HALFWAY - J		151	85.0	129	0	16	113	0.748	96	12
HALFWAY - K - PROGRESS PROJECT	SOLN	34	18.0	6	0	6	0	0.705	4	4
HALFWAY - L		82	2.0	2	0	1	1	0.727	1	1
	TOTAL FIELD	3,065		2,408	17	1,747	661		1,797	1,301
6530 OWL										
BALDONNEL		16	80.0	13	0	10	3	0.872	11	9
CECIL - A	SOLN	37	70.0	26	1	14	12	0.951	25	13
CECIL - A - DEVON PROJECT	SOLN	62	75.0	46	0	42	4	0.856	40	36
	TOTAL FIELD	115		85	1	66	19		76	58
6560 PARADISE										
NOTIKEWIN - A		99	90.0	89	0	0	89	0.884	78	0
GETHING - A	SOLN	8	70.0	5	0	3	2	0.851	5	3
GETHING - B		20	14.4	3	0	3	0	0.886	3	3
GETHING - C		108	1.3	1	0	1	0	0.883	1	1
BALDONNEL - A		182	10.7	19	0	19	0	0.837	16	16
HALFWAY - A		26	78.2	20	0	20	0	0.813	17	17
HALFWAY - C		48	80.0	38	0	13	25	0.869	33	11
HALFWAY - D		46	80.0	37	0	22	15	0.872	32	19
MONTNEY - A	SOLN	22	50.0	11	0	7	4	0.835	9	6
MONTNEY - A - SUNCOR PROJECT	SOLN	46	40.0	18	0	17	1	0.909	17	15
KISKATINAW - B		189	90.0	170	0	142	28	0.894	152	127
	TOTAL FIELD	794		411	0	247	164		363	218

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
6500 OSPREY														
D	0	2.9	19.6	25.2	329	Y	475	9,490	0.8670	40.797	3	2010-12	07862	1992
V	282	2.5	18.8	25.5	328	Y	429	9,028	0.8640	41.850	1		08206	1993
V	283	4.0	21.5	36.5	326	Y	495	9,642	0.8590		1	2001-12	10990	1998
V	142	3.5			327	Y	487			42.068	2	2015-12	11199	1998
V	282	1.8	20.0	18.0	327	Y	495	9,722	0.8620	43.698	2		01271	1963
6530 OWL														
D	259				327	Y	504	10,298	0.8550		1	2010-12	07131	1989
D		2.7			328	Y	563			40.500	1	2017-12	06668	1987
D		1.7			328	Y	570			43.747	9	2016-12	06668	1987
6560 PARADISE														
V	259	8.0	17.0	45.0	310	Y	61	5,085	0.9160	38.210	1	2012-12	14067	2001
D		5.3			329	Y	385			44.250	1	2014-12	21481	2006
X	259	1.1	13.0	45.2	324	Y	381	9,598	0.8630		1	2011-12	21780	2006
X	259	1.8	26.1	18.4	323	Y	392	9,575	0.7770	41.120	1	2012-12	22965	2007
X	259	6.0	14.6	22.8	329	Y	486	10,254	0.8530		1	2010-12	06643	1987
M	0	2.6	9.8	29.8	333	Y	701	12,583	0.8320	42.270	1		03765	1976
V	362	1.5	11.2	40.4	323	Y	683	12,320	0.8250	44.319	1	2007-12	19770	2005
D	259		6.7	30.0	330	Y	681	12,419	0.8420	41.550	1	2010-12	21449	2006
D	66	0.8			335	Y	967			46.580	3	2017-12	24209	2008
D		2.2			339	Y	973			45.680	1	2016-12	10284	1997
V	318	5.3	8.5	19.7	335	Y	1,146	16,491	0.8530	40.860	1	2002-12	12241	1999

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Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
6600 PARKLAND										
GETHING - A	207	90.0	186	0	155	31	0.922	172	143	29
BALDONNEL - B	149	10.0	15	0	12	3	0.879	13	10	3
HALFWAY - A	271	90.0	243	1	237	6	0.662	161	157	4
HALFWAY - B	281	90.0	253	0	156	97	0.655	166	102	64
HALFWAY - C	301	90.0	271	6	201	70	0.907	246	183	63
HALFWAY - D	54	80.0	43	0	1	42	0.666	29	1	28
HALFWAY - F	180	90.0	162	2	76	86	0.684	111	52	59
DOIG - A	150	90.0	135	0	17	118	0.667	90	11	79
DOIG - B	162	30.0	48	0	29	19	0.680	33	20	13
DOIG - C	38	80.0	30	0	6	24	0.670	20	4	16
BELLOY - A	312	76.0	237	1	234	3	0.926	220	217	3
BELLOY - B	411	75.0	308	0	300	8	0.924	285	277	8
KISKATINAW - B	205	90.0	185	0	15	170	0.707	131	10	121
BASAL KISKATINAW - B	78	90.0	70	0	70	0	0.710	50	50	0
BASAL KISKATINAW - C	481	90.0	433	0	23	410	0.707	306	16	290
DEBOLT - A	93	90.0	83	0	0	83	0.850	71	0	71
WABAMUN - A	6,631	90.0	5,968	41	5,474	494	0.887	5,296	4,857	439
WABAMUN - F	502	90.0	452	9	132	320	0.924	418	122	296
TOTAL FIELD	10,506		9,122	60	7,138	1,984		7,818	6,232	1,586

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11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
6600 PARKLAND														
V	582	3.5	13.2	28.5	322	Y	507	10,640	0.8740	39.926	5		04918	1979
V	259	4.6	12.1	23.0	331	Y	712	13,001	0.8330	42.100	1	2012-12	23211	2007
D		5.2	10.7	38.6	336	Y	992	15,881	0.8390	42.100	6	2015-12	12123	1999
V	1,224	2.9	7.5	34.7	340	Y	1,034	16,593	0.8590	41.317	8	2010-12	12360	2002
D		3.1	10.9	34.8	337	Y	990	15,717	0.8620	40.503	3	2015-12	12434	2000
V	259	1.5	10.7	25.0	336	Y	985	15,690	0.7700	43.260	1	2012-12	12779	2000
V	451	4.5	8.0	31.3	337	Y	1,004	15,944	0.8350	42.790	4	2010-12	21306	2006
V	518	3.3	9.2	37.7	339	Y	1,034	15,340	0.8430	40.891	2	2010-12	16675	2003
V	248	6.0	9.5	38.0	340	Y	1,094	16,572	0.7520	48.721	3	2010-12	14786	2005
V	259	2.1	8.4	48.9	338	Y	1,038	16,032	0.8390	44.030	2	2010-12	13092	2004
M		7.4	7.4	22.9	350	Y	1,398	20,491	0.8890	40.980	2	2016-12	00153	1956
D	1,036		8.5	21.6	349	Y	1,408	20,319	0.8760	42.035	4	2016-12	01355	1964
V	516	3.9	8.4	38.6	359	Y	1,733	23,484	0.9400	38.040	2	2006-12	12164	1999
M	0	10.9	8.5	13.0	355	Y	1,736	23,133	0.9290	1.630	2	2002-12	07979	1993
V	516	9.7	8.3	41.4	359	Y	1,765	23,422	0.9390	37.590	2		12164	1999
V	259	5.0	3.0	10.0	358	N	1,881	32,754	0.9830	35.250	0	2001-12	12721	2000
D	0	31.4	1.5	26.5	383	Y	2,591	33,922	1.0360	18.493	6	2007-12	00153	1956
V	259	15.8	4.5	12.0	388	Y	2,868	50,136	1.1860	37.360	1	2010-12	21306	2006

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Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
6800 PEEJAY										
BLUESKY - A	27	10.0	3	0	1	2	0.882	2	1	1
BLUESKY - B	26	80.0	21	0	6	15	0.748	16	4	12
BLUESKY - C	10	80.0	8	0	7	1	0.748	6	6	0
BLUESKY	15	44.0	7	0	6	1	0.748	5	5	0
GETHING - A	233	90.0	210	2	187	23	0.748	157	140	17
GETHING - B	949	90.0	854	11	382	472	0.747	638	285	353
GETHING - D	152	90.0	136	0	10	126	0.748	102	8	94
GETHING - E	11	90.0	10	0	9	1	0.748	7	6	1
GETHING - F	125	80.0	100	2	86	14	0.873	88	75	13
GETHING - G	111	90.0	100	1	60	40	0.747	75	45	30
GETHING - H	7	30.0	2	0	2	0	0.884	2	2	0
GETHING - I	91	90.0	82	1	56	26	0.748	62	42	20
GETHING - J	419	80.0	335	5	297	38	0.747	250	222	28
GETHING - L	22	80.0	18	0	16	2	0.748	13	12	1
GETHING - M	99	90.0	89	1	22	67	0.875	78	19	59
GETHING - N	32	70.0	23	0	21	2	0.748	17	16	1
GETHING - P	24	90.0	22	0	19	3	0.748	16	14	2
GETHING - S										
GETHING - T										
GETHING										
DUNLEVY - A	107	90.0	96	0	90	6	0.746	72	67	5
NORDEGG - B	5	70.0	4	0	3	1	0.748	3	2	1
NORDEGG-BALDONNEL - A	139	50.0	69	0	62	7	0.748	52	47	5
BALDONNEL - A	237	90.0	213	2	205	8	0.748	160	153	7
BALDONNEL - D	33	89.9	30	0	30	0	0.748	22	22	0
BALDONNEL - E	8	80.0	6	0	6	0	0.748	5	5	0
BALDONNEL - F	13	80.0	10	0	10	0	0.748	8	7	1
BALDONNEL - G	211	25.0	53	0	2	51	0.700	37	1	36
BALDONNEL - H	29	80.0	23	0	19	4	0.748	17	14	3
BALDONNEL - I	23	80.0	19	0	14	5	0.748	14	11	3
BALDONNEL	27	80.0	21	1	15	6	0.748	16	12	4
BOUNDARY LAKE - A	8	30.0	2	0	2	0	0.893	2	2	0
HALFWAY - K	68	45.1	30	0	30	0	0.883	27	27	0

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
6800 PEEJAY														
V	283	2.0	10.0	35.0	325	Y	308	7,269	0.8790		1	2012-12	18415	2005
V	236	1.3	16.8	31.9	326	Y	266	7,382	0.8720	42.740	2	2010-12	01905	1966
V	283	0.5	13.5	30.0	326	Y	266	7,382	0.8830	42.140	1	2001-12	12011	1999
D	283		13.1	62.5	320	Y	276	6,081	0.8900	43.060	3	2015-12	17346	2004
D	0	5.5	16.5	35.1	322	Y	284	7,396	0.8670		1	2008-12	00893	1962
V	3,197	4.6	14.0	38.0	323	Y	308	7,364	0.8720	43.026	19	2008-12	08627	1994
V	283	6.0	17.0	32.2	323	Y	320	8,017	0.9110	44.170	1		06602	2000
D		6.5	16.1	36.9	324	Y	299	8,100	0.8620	42.220	1	2017-12	01969	1966
D	283		19.4	40.6	322	Y	305	7,781	0.8720	43.200	1	2010-12	01006	1962
V	624	4.2	9.8	44.6	325	Y	322	7,785	0.8710	43.016	8	2010-12	01627	1965
D	283		12.0	55.0	325	Y	332	8,141	0.8690	42.230	1	2012-12	18528	2005
V	283	6.5	11.7	43.0	323	Y	279	7,396	0.8740	43.210	2		11967	1999
D		3.6	13.3	32.7	326	Y	317	7,779	0.8730	43.700	11	2009-12	09527	1996
D	283	1.5	15.0	30.0	324	Y	289	7,429	0.8470	42.320	1	2016-12	01737	1996
V	283	4.9	14.6	32.8	325	Y	324	7,273	0.8770	42.890	1	2010-12	17131	2004
D	566		14.2	51.2	322	Y	292	7,417	0.8770	41.897	2	2010-12	15810	2003
D		5.8	13.4	29.7	325	Y	305	7,617	0.8760	44.590	1	2015-12	15089	2002
D		3.5			324	Y	265			42.420	1	2015-12	22595	2007
V	200	3.6	9.9	38.7	323	Y	282	7,217	0.8780	42.380	1	2011-12	18386	2005
D	1,981				325	Y	287	7,947	0.8740	43.005	8	2011-12	00954	1962
D	0	2.0	12.7	34.5	322	Y	325	7,785	0.8750	42.403	2	2014-12	06337	1985
D	282		14.6	33.6	324	Y	304	6,774	0.8880		1	2010-12	18525	2006
D		3.8	14.4	55.4	326	Y	297	8,343	0.8700	42.361	3	2014-12	06258	1985
D		17.1	15.9	30.3	323	Y	311	7,929	0.8730	47.370	1	2016-12	03669	1976
X	0		16.6	25.3	322	Y	330	7,859	0.8690	42.920	1	2012-12	02589	1996
D					324	Y	329	8,114	0.8700		1	2004-12	03085	1998
D					325	Y	333	8,277	0.8680	42.190	1	2004-12	02135	1997
V	283	5.1	24.3	35.0	323	Y	335	7,468	0.7100	60.020	1	2007-12	01474	2003
D	0	6.8	11.6	27.8	324	Y	305	7,932	0.8710	42.350	1	2010-12	08662	1996
D	283	0.0	11.6	15.3	325	Y	317	7,937	0.8730	43.020	1	2010-12	17346	2004
D	282				322	Y	307	6,576	0.8840	42.410	1	2010-12	18508	2005
D		1.0	13.8	9.2	324	Y	393	7,667	0.8700	42.850	1	2017-12	08459	1994
X	259	3.7	10.1	25.0	326	Y	397	9,122	0.8540	42.860	1	2014-12	02101	1967

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Field / Pool / Project		1	2	3	4	5	6	7	8	9	10
		Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
6800 PEEJAY											
HALFWAY - L - ENCAL PROJECT	SOLN	13	90.0	12	0			0.846	10		
	CAP	56	90.0	50	0	46	16	0.846	42	39	13
TOTAL GAS		69		62	0	46	16		52	39	13
HALFWAY - M		196	95.0	186	0	181	5	0.736	137	133	4
HALFWAY - N - CNRL PROJECT	SOLN	5	50.0	2	1			0.730	2		
	CAP	88	80.0	70	1	57	15	0.730	51	42	11
TOTAL GAS		93		72	2	57	15		53	42	11
HALFWAY - Q		16	90.0	14	0	13	1	0.746	11	10	1
HALFWAY - R - CNRL PROJECT	SOLN	19	50.0	9	0	7	2	0.892	8	6	2
HALFWAY - W	SOLN	39	50.0	20	1	13	7	0.879	17	12	5
HALFWAY - X		9	80.0	7	0	6	1	0.748	5	5	0
HALFWAY	SOLN	126	80.0	101	0	70	31	0.729	74	51	23
HALFWAY - CNRL UNIT #1	SOLN	342	52.5	180	0			0.696	125		
	CAP	160	70.0	112	0	291	1	0.696	78	203	0
TOTAL GAS		502		292	0	291	1		203	203	0
HALFWAY - CNRL UNIT #2	SOLN	543	70.0	380	1			0.725	276		
	CAP	84	80.0	67	0	438	9	0.725	48	317	7
TOTAL GAS		627		447	1	438	9		324	317	7
HALFWAY - CNRL UNIT #3	SOLN	441	60.0	264	0			0.732	193		
	CAP	116	50.0	58	0	315	7	0.732	42	231	4
TOTAL GAS		557		322	0	315	7		235	231	4
HALFWAY - NORTH PEEJAY PROJECT	SOLN	9	50.0	4	0			0.748	3		
	CAP	200	85.0	170	0	161	13	0.748	127	120	10
TOTAL GAS		209		174	0	161	13		130	120	10
HALFWAY - CNRL PROJECT	SOLN	158	55.0	87	0	85	2	0.808	70	68	2
HALFWAY - CNRL GASCAP PROJECT		197	62.0	122	0	121	1	0.743	91	90	1
HALFWAY - CNRL PROJECT #2	SOLN	5	50.0	3	0			0.894	2		
	CAP	14	80.0	11	0	3	11	0.894	10	3	9
TOTAL GAS		19		14	0	3	11		12	3	9
		6,225		4,626	30	3,561	1,065		3,469	2,663	806



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11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
6800 PEEJAY														
M	0	1.0	17.7	13.0	326	Y	424	9,333	0.8260		1		02323	1968
													02323	1968
M	0	7.2	22.6	15.1	328	Y	425	10,301	0.8510	41.153	1	2009-12	02664	1970
												2017-12	06289	1985
D	282	3.7	10.2	19.7	334	Y	406	8,652	0.8790	41.466	2	2017-12	06289	1985
V	283	1.5	12.4	22.4	328	Y	414	4,161	0.9330	41.350	1		08136	1993
V	224	1.2			327	Y	411			42.504	3		08345	1993
D					328	Y	440			44.960	1	2017-12	17522	2004
D		1.3	10.1	25.0	327	Y	397	6,231	0.8400		1	2014-12	19035	2005
M		1.6			329	Y	442			42.040	17	2017-12	00418	1959
												2017-12	00418	1959
V	737	1.8	16.0	20.0	328	Y	442	9,418	0.8650	41.600	29	2017-12	00418	1959
												2017-12	01575	1965
V	415	1.9	12.9	12.0	329	Y	437	9,398	0.8700	44.440	55	2017-12	01575	1965
												2017-12	01407	1964
V	684	2.0	12.0	25.0	328	Y	442	9,384	0.8660	42.470	48	2017-12	01407	1964
													00725	1961
V	621	1.8	21.5	13.6	329	Y	407	9,363	0.8390	43.540	3		00725	1961
D	533	4.8			329	Y	442			46.890	12	2017-12	01497	1964
V	980	1.7	14.8	15.9	328	Y	442	9,384	0.8550	41.370	3	2016-12	02713	1970
												2005-12	00418	1959
V	284	0.6	12.0	25.0	329	Y	442	9,485	0.8790	39.480	1	2005-12	00418	1959

Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
6800 PEEJAY										
TOTAL FIELD										
7000 PEEJAY WEST										
GETHING - A	279	90.0	251	4	163	88	0.870	219	142	77
GETHING - C	66	90.0	60	2	36	24	0.875	52	31	21
GETHING	41	90.0	37	0	32	5	0.747	28	24	4
HALFWAY - A - CNRL PROJECT										
SOLN	90	65.0	58	0			0.843	49		
CAP	521	80.0	417	0	467	8	0.843	352	394	7
TOTAL GAS	611		475	0	467	8		401	394	7
HALFWAY - B	38	8.6	3	0	3	0	0.871	3	3	0
HALFWAY - C - CNRL PROJECT										
SOLN	30	85.0	26	0	24	2	0.898	23	22	1
HALFWAY - D - DEKALB PROJECT										
SOLN	19	90.0	17	0	0	17	0.853	15	0	15
HALFWAY - D - CNRL PROJECT										
SOLN	16	90.0	14	0	0	14	0.796	11	0	11
HALFWAY - F	99	90.0	89	0	26	63	0.734	65	19	46
TOTAL FIELD	1,199		972	6	751	221		817	635	182
7200 PETITOT RIVER										
DEBOLT	10	70.0	7	0	5	2	0.808	5	4	1
JEAN MARIE - A	1,919	90.0	1,727	18	743	984	0.812	1,402	603	799
SLAVE POINT - A	2,817	25.0	704	0	523	181	0.750	528	392	136
SLAVE POINT - B	158	90.0	143	0	4	139	0.737	105	3	102
SLAVE POINT - C	754	65.0	490	0	4	486	0.739	363	3	360
TOTAL FIELD	5,658		3,071	18	1,279	1,792		2,403	1,005	1,398

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
6800 PEEJAY														
7000 PEEJAY WEST														
D	1,415		12.2	42.1	322	Y	319	7,855	0.8690	43.150	5	2009-12	03953	1977
D			11.3	30.8	324	Y	327	5,947	0.8520	41.580	2	2012-12	16540	2003
D			13.7	20.2	322	Y	328	7,892	0.8690	42.510	4	2014-12	08842	1994
V	998	3.4	22.0	27.5	327	Y	495	9,791	0.8840	39.742	12	2017-12	00956	1962
X	283	1.0	15.7	14.0	327	Y	480	9,919	0.8690	41.440	1	2006-12	01927	1966
V	195	1.9			334	Y	493			40.040	7	2017-12	03953	1977
D	0	1.9			338	Y	490					2007-12	07901	1992
D	0	3.8			338	Y	491					2007-12	07901	1992
V	283	2.6	16.5	16.0	325	Y	475	9,427	0.8540	40.500	1		08842	1994
7200 PETITOT RIVER														
D	261				291	Y	0	3,336	0.9320	37.130	1	2010-12	18862	2005
V	9,976	6.5	7.9	33.8	361	Y	1,010	6,731	0.9370	38.285	32	2008-12	14866	2002
V	1,426	22.2	7.2	18.0	386	Y	1,554	19,312	0.9440	32.410	5	2007-12	00403	1959
V	261	9.1	5.7	20.0	392	Y	1,548	19,005	0.9430	37.090	1	2005-12	17510	2004
V	260	35.0	7.0	20.0	391	Y	456	19,194	0.9430	37.180	1	2006-12	17448	2005

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Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
7250 PICKELL										
NOTIKEWIN - A	7,023	90.0	6,321	38	3,548	2,773	0.768	4,851	2,723	2,128
NOTIKEWIN - B	115	90.0	104	3	76	28	0.885	92	68	24
BLUESKY - A	698	80.0	558	4	290	268	0.529	296	153	143
BLUESKY - B	68	90.0	61	1	53	8	0.869	53	46	7
BLUESKY - C	63	80.0	50	0	12	38	0.889	44	11	33
BLUESKY - D	30	90.0	27	0	24	3	0.858	23	21	2
BLUESKY - F	132	87.0	115	0	115	0	0.891	102	102	0
BLUESKY - G	85	45.0	38	0	37	1	0.806	31	29	2
BLUESKY - H	46	65.5	30	0	30	0	0.843	25	25	0
BLUESKY - J	64	85.0	54	0	54	0	0.855	46	46	0
BLUESKY - K	4	80.0	4	0	2	2	0.866	3	2	1
BLUESKY	7	70.0	5	0	0	5	0.901	4	0	4
BLUESKY-GETHING - A	715	90.0	643	4	351	292	0.857	551	301	250
BLUESKY-GETHING - B	40	90.0	36	0	14	22	0.887	32	12	20
GETHING - B	188	85.0	160	0	159	1	0.873	139	139	0
GETHING - D	112	43.9	49	0	49	0	0.878	43	43	0
GETHING - E	144	90.0	130	2	94	36	0.859	111	81	30
GETHING - F	56	50.0	28	0	27	1	0.751	21	20	1
GETHING - G	88	1.0	1	0	1	0	0.785	1	1	0
GETHING - H	70	80.0	56	0	3	53	0.876	49	2	47
GETHING - I	16	90.0	14	0	11	3	0.857	12	10	2
GETHING - J	79	10.0	8	0	5	3	0.842	7	4	3
GETHING - K	14	30.0	4	0	4	0	0.880	4	3	1
GETHING - N	82	90.0	73	0	4	69	0.867	64	3	61
GETHING - O	13	80.0	10	0	7	3	0.906	9	6	3
GETHING - P	19	80.0	15	0	2	13	0.886	13	2	11
GETHING - Q	35	15.0	5	0	4	1	0.870	5	4	1
GETHING - R	24	10.0	2	0	0	2	0.847	2	0	2
GETHING - T	8	60.0	5	0	5	0	0.881	4	4	0
GETHING - U	10	90.0	9	0	5	4	0.885	8	5	3
GETHING - V	34	15.0	5	0	2	3	0.865	4	2	2
GETHING - W	15	90.0	13	1	10	3	0.864	11	9	2
GETHING - X	59	85.0	50	1	12	38	0.828	41	10	31
GETHING - Z	7	90.0	6	0	5	1	0.857	5	4	1

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
7250 PICKELL														
V	33,478	5.9	14.9	46.7	315	Y	3,687	4,612	0.9300	40.642	217	2007-12	10463	1997
D	1,390	4.8	15.9	49.6	312	Y	64	4,514	0.9230	40.460	11	2016-12	11049	2003
D	3,565	2.2	16.6	29.5	328	Y	289	7,637	0.8710	44.275	13	2012-12	00695	1961
D		0.9	17.0	45.5	328	Y	275	7,487	0.8690	45.240	1	2016-12	03699	1976
V	560	1.3	16.9	34.1	326	Y	283	7,700	0.8710	31.239	2		10203	1997
D	280		21.7	29.7	318	Y	294	7,692	0.8510	44.325	2	2014-12	11845	1999
D		4.9	15.6	30.7	324	Y	297	7,672	0.8590	6.503	6	2016-12	13669	2001
D		1.7	15.0	46.0	324	Y	299	7,622	0.8510	43.800	3	2016-12	13748	2001
D	843		9.4	43.8	324	Y	316	7,636	0.8560	45.564	3	2016-12	16822	2004
D		0.8	11.9	40.1	321	Y	311	7,691	0.8580	44.530	2	2016-12	17083	2004
V	281	0.4	10.3	49.6	321	Y	330	7,318	0.8630		1	2008-12	20527	2006
D	282				314	Y		7,738	0.5600	40.390	0	2012-12	18627	2006
V	2,529	4.3	11.2	28.6	324	Y	358	7,957	0.8500	45.456	15	2008-12	07251	1996
V	176	3.4	12.0	28.1	323	Y	324	7,538	0.8590	41.660	2	2008-12	09255	2005
D		13.1	14.5	34.3	342	Y	301	7,832	0.8580		1	2017-12	06655	1987
X	259	9.0	12.2	47.2	332	Y	314	7,673	0.8790	42.090	1	2002-12	06839	1988
V	631	4.1	12.7	41.6	323	Y	290	7,371	0.8650	44.510	3	2010-12	07333	1990
V	323	2.3	12.5	31.4	315	Y	339	8,145	0.8360	45.940	2	2015-12	13915	2001
X	280	4.4	13.4	31.3	323	Y	330	7,371	0.8330	48.240	1	2005-12	13950	2001
V	281	4.0	10.9	38.3	325	Y	379	8,943	0.8450	43.590	2	2006-12	16822	2004
D		7.6	11.2	40.4	326	Y	354	8,107	0.8560	45.337	4	2014-12	18245	2005
V	281	5.9	9.3	44.8	325	Y	339	8,943	0.8450	45.335	2	2014-12	18247	2004
V	87	3.6	10.4	42.2	322	Y	336	7,329	0.8720		2	2015-12	19642	2006
V	281	6.1	8.4	24.1	314	Y	327	7,024	0.8520	44.520	1	2008-12	19661	2006
V	281	1.4	11.6	60.0	324	Y	346	6,969	0.8810	39.540	2	2008-12	18151	2006
V	281	2.7	7.8	58.1	325	Y	344	7,555	0.8760	42.320	1	2008-12	20416	2006
V	281	2.2	11.8	36.5	325	Y	307	7,555	0.8640	44.170	2	2016-12	18700	2006
V	280	1.5	13.5	38.0	324	Y	323	6,737	0.8750	44.170	1	2013-12	22597	2007
V	64	4.4	7.5	45.0	322	Y	307	6,589	0.8880		1	2015-12	22652	2007
V	64	3.6	11.1	45.5	324	Y	330	7,415	0.8790	42.360	1	2009-12	21814	2006
V	281	2.0	8.5	22.9	329	Y	392	8,950	0.8480	44.610	1	2011-12	23351	2008
D	282		11.1	30.0	325	Y	384	8,348	0.8530	44.240	1	2010-12	13206	2001
V	298	3.2	11.2	23.0	326	Y	380	7,152	0.8720	44.130	1	2012-12	12265	2000
D			12.7	31.2	322	Y	336	7,638	0.8630	43.550	2	2012-12	15956	2006

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PIMS8320

Field / Pool / Project	1 Original Gas In Place 10E6 m3	2 Recovery Factor %	3 Initial Reserves (Raw) 10E6 m3	4 Annual Prod (Raw) 10E6 m3	5 Cumul Prod (Raw) 10E6 m3	6 Remaining Reserves (Raw) 10E6 m3	7 Shrink Factor	8 Initial Reserves (Mktble) 10E6 m3	9 Cumul. Prod (Mktble) 10E6 m3	10 Remain'g Reserves (Mktble) 10E6 m3
7250 PICKELL										
GETHING	17	80.0	13	0	0	13	0.886	12	0	12
LOWER GETHING - B	30	90.0	27	0	2	25	0.867	24	2	22
LOWER GETHING - C	14	80.0	11	0	1	10	0.778	9	1	8
LOWER GETHING - D	47	90.0	42	0	1	41	0.880	37	1	36
LOWER GETHING - E	6	80.0	5	0	4	1	0.869	4	3	1
BALDONNEL - B	112	85.0	95	0	89	6	0.761	73	68	5
BALDONNEL	6	90.0	5	0	3	2	0.851	4	3	1
CECIL - A	30	80.0	24	0	0	24	0.749	18	0	18
LIMESTONE A BED - A	4	80.0	3	0	2	1	0.870	3	2	1
HALFWAY - A	208	20.0	42	0	41	1	0.870	36	36	0
HALFWAY - B	76	50.0	38	0	0	38	0.872	33	0	33
HALFWAY - C	36	70.0	25	0	0	25	0.869	22	0	22
HALFWAY - E	190	90.0	171	0	32	139	0.770	132	24	108
JEAN MARIE - A	310	90.0	279	4	69	210	0.914	255	63	192
TOTAL FIELD	11,249		9,469	58	5,259	4,210		7,368	4,094	3,274
7275 PLUTO										
HALFWAY - A - POCO PROJECT	164	95.0	156	0	152	4	0.870	136	133	3
TOTAL FIELD	164		156	0	152	4		136	133	3
7300 POCKETKNIFE										
DEBOLT - A - OLYMPIA PROJECT	1,535	22.2	341	0	341	0	0.795	271	271	0
DEBOLT - B	150	39.0	59	0	58	1	0.795	46	46	0
DEBOLT - C	2,319	45.0	1,044	0	1,013	31	0.794	829	805	24
DEBOLT - D	332	35.0	116	0	99	17	0.794	92	79	13
DEBOLT - E	240	61.6	148	0	147	1	0.795	117	117	0
SHUNDA - A	192	75.0	144	0	0	144	0.794	114	0	114
TOTAL FIELD	4,768		1,852	0	1,658	194		1,469	1,318	151
7320 PORTAGE										
GETHING - A	262	10.0	26	0	6	20	0.769	20	5	15
TOTAL FIELD	262		26	0	6	20		20	5	15

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
7250 PICKELL														
V	281	2.0	7.8	58.1	326	Y	345	8,933	0.8600		1	2012-12	05332	1980
V	281	3.1	8.1	41.0	323	Y	376	7,149	0.8650		1	2008-12	19661	2006
V	282	0.9	11.4	44.1	327	Y	397	8,582	0.8510		1	2008-12	01967	2006
V	281	4.6	11.0	59.2	325	Y	396	8,047	0.8670		1	2008-12	18151	2006
D		6.4	10.3	29.1	327	Y	398	8,658	0.8610		1	2010-12	18276	2006
D		4.2	12.3	48.2	326	Y	322	7,700	0.8700	40.180	7	2014-12	10203	1997
D		4.0	9.0	35.0	323	Y		8,154	0.8535	43.470	3	2017-12	08811	
V	280	1.5	14.0	26.0	326	Y	373	6,821	0.8770	39.850	1	2010-12	20323	2006
D	0	0.0	0.0	0.0	319	Y	423	8,951	0.8500	43.610	1	2014-12	06839	1988
X	1,205	1.2	19.1	18.2	333	Y	441	9,211	0.8540		2	2002-12	00724	1961
V	259	2.4	19.0	32.5	328	N	452	9,301	0.8420		0		03736	1976
V	259	1.8	16.3	49.4	334	N	461	9,315	0.8530		0		03931	1977
V	280	4.1	22.6	22.6	330	Y	477	9,503	0.8650	42.180	1	2010-12	22476	2007
V	282	10.5	6.0	35.0	373	Y	1,701	37,145	1.0540	37.600	3	2010-12	18687	2005
7275 PLUTO														
M	0	4.9	15.2	12.7	332	Y	707	13,142	0.8410	42.820	1	2012-12	06527	1986
7300 POCKETKNIFE														
X	1,521	19.2	5.5	31.5	323	Y	641	14,210	0.8970		4	2014-12	01393	1964
M	0	34.4	6.0	25.0	324	Y	423	11,900	0.8800		1	2012-12	00468	1960
M	0	42.8	5.0	18.0	324	Y	596	14,218	0.8730	37.445	3	2012-12	05876	1984
M	0	40.0	6.8	12.2	315	Y	196	9,776	0.8680	37.580	1	2003-12	07919	1992
V	279	23.5	3.3	5.6	323	Y	589	12,695	0.9520	37.590	1	2012-12	07608	1991
V	279	10.0	6.8	45.2	350	N	1,150	20,681	0.9120	37.810	0		05371	1981
7320 PORTAGE														
V	775	30.0	1.0	17.5	309	Y		12,562	0.8480	37.438	8	2012-12	19518	2005

Field / Pool / Project	1 Original Gas In Place 10E6 m3	2 Recovery Factor %	3 Initial Reserves (Raw) 10E6 m3	4 Annual Prod (Raw) 10E6 m3	5 Cumul Prod (Raw) 10E6 m3	6 Remaining Reserves (Raw) 10E6 m3	7 Shrink Factor	8 Initial Reserves (Mktble) 10E6 m3	9 Cumul. Prod (Mktble) 10E6 m3	10 Remain'g Reserves (Mktble) 10E6 m3
7340 PRES PATOU										
BLUESKY - A	174	10.0	17	0	9	8	0.886	15	8	7
BLUESKY - C	32	90.0	29	0	2	27	0.863	25	2	23
BLUESKY	115	90.0	104	0	0	104	0.861	89	0	89
BLUESKY-GETHING - A	152	80.0	121	0	121	0	0.830	101	100	1
GETHING - A	262	90.0	236	0	75	161	0.868	205	65	140
GETHING - B	8	80.0	6	0	4	2	0.880	6	4	2
GETHING - C	105	90.0	95	0	58	37	0.864	82	50	32
GETHING - D	13	80.0	10	0	4	6	0.864	9	3	6
GETHING - E	113	80.0	91	0	1	90	0.864	78	1	77
GETHING - F	8	70.0	5	0	5	0	0.868	5	4	1
GETHING - G	17	90.0	16	0	15	1	0.850	13	13	0
GETHING - H	13	70.0	9	0	6	3	0.865	8	5	3
GETHING - I	82	90.0	74	4	58	16	0.867	64	50	14
GETHING	15	90.0	14	0	10	4	0.866	12	9	3
BASAL GETHING - A	244	45.0	110	1	99	11	0.861	94	85	9
BASAL GETHING - B	51	50.0	26	0	17	9	0.860	22	15	7
BALDONNEL - A	468	85.0	398	6	285	113	0.861	343	246	97
BALDONNEL - B	124	50.0	62	0	55	7	0.870	54	48	6
BALDONNEL - C	43	90.0	39	1	19	20	0.865	33	16	17
BALDONNEL	24	80.0	19	0	1	18	0.865	16	1	15
TOTAL FIELD	2,063		1,481	12	844	637		1,274	725	549
7400 RED CREEK										
BALDONNEL - A	60	30.0	18	0	13	5	0.878	16	11	5
COPLIN	36	80.0	29	0	12	17	0.905	26	11	15
BEAR FLAT - A	380	80.0	304	0	202	102	0.860	261	174	87
ARTEX - A	62	80.0	50	0	46	4	0.736	37	34	3
HALFWAY - A	508	23.5	119	0	119	0	0.622	74	74	0
DOIG - B - REMINGTON PROJECT	SOLN	42	50.0	21	0		0.816	17		
	CAP	126	80.0	101	0	9	0.816	82	7	92
TOTAL GAS	168		122	0	9	113		99	7	92
DOIG - C - TERRA PROJECT	SOLN	96	89.5	86	0	85	0.804	69	68	1
TOTAL FIELD	1,310		728	0	486	242		582	379	203

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
7340 PRES PATOU														
V	846	3.5	11.6	36.4	324	Y	318	7,868	0.8650	41.930	3	2014-12	18244	2005
V	360	3.1	8.2	55.4	323	Y	303	7,783	0.8650	43.794	1	2010-12	21686	2007
D	282				323	Y	308	5,907	0.8950		0	2010-12	21237	2007
D		3.9	11.4	42.7	323	Y	347	7,328	0.8710	46.242	7	2016-12	20356	2005
V	282	9.6	14.4	22.9	327	Y	368	8,592	0.8560	43.300	1		09402	1995
V	99	1.3	9.6	21.9	327	Y	373	8,176	0.8700	42.320	1	2011-12	12983	2001
D	0	0.0	11.5	16.9	327	Y	402	9,304	0.8550	42.650	1	2012-12	11729	2005
V	282	0.8	11.0	31.1	325	Y	375	7,459	0.8750		1	2007-12	11729	2005
V	282	4.8	13.3	20.5	324	Y	350	7,839	0.8680		1	2007-12	11729	2005
D	282		12.0	22.4	327	Y	357	10,540	0.8510		1	2010-12	19168	2006
D		5.1	12.5	48.7	324	Y	352	7,919	0.8630	46.010	2	2014-12	21800	2007
D	564		10.2	31.8	327	Y	364	8,329	0.8520	44.045	2	2011-12	18395	2004
D	282		12.6	32.9	328	Y	373	8,702	0.8660	43.960	1	2011-12	25246	2009
D	282				327	Y	366	9,437	0.8680	42.160	1	2017-12	23128	2007
V	614	4.1	13.2	22.1	327	Y	395	9,298	0.8590	41.493	3	2017-12	04977	1979
V	447	2.0	11.6	48.0	327	Y	400	9,275	0.8510	43.490	3	2014-12	21686	2007
D	354	0.0	8.1	35.2	329	Y	422	9,730	0.8570	45.172	11	2010-12	09402	1995
V	268	3.9	17.9	35.6	327	Y	399	9,990	0.8450	42.088	4	2017-12	19933	2005
V	564	1.0	11.6	27.6	327	Y	372	8,931	0.8580	43.730	1	2016-12	21237	2007
V	281	2.0	7.7	37.1	329	Y	400	8,705	0.8660	42.130	1	2012-12	23128	2007
7400 RED CREEK														
V	264	2.4	9.8	19.0	323	Y	483	11,253	0.8250	43.280	2	2016-12	12995	2000
D	0	0.0	0.0	0.0	327	Y		6,086	0.9150	38.400	1	2010-12	11305	1998
M	0	1.2	9.9	21.0	326	Y	704	12,169	0.8160	40.497	4		00093	1954
V	264	1.4	10.5	18.5	332	Y	812	17,611	0.7650		1		10440	1997
V	977	4.6	11.5	36.4	330	Y	819	14,031	0.7820		2		00093	1954
V	264	4.0	8.0	24.0	330	Y	868	17,503	0.7680	47.822	2	2007-12	03770	1976
D	307	19.3			329	Y	789			48.237	12	2017-12	10108	1997

Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
7410 RED CREEK NORTH										
BEAR FLAT - A	79	80.0	63	0	61	2	0.889	56	54	2
ARTEX - A	38	80.0	31	0	13	18	0.602	18	8	10
HALFWAY - A	224	90.0	201	0	178	23	0.756	152	135	17
DOIG - B - CNRL PROJECT										
SOLN	68	50.0	34	0			0.702	24		
CAP	124	80.0	99	0	12	121	0.702	69	9	84
TOTAL GAS	192		133	0	12	121		93	9	84
DOIG - B - CHINOOK PROJECT										
SOLN	37	50.0	18	0	2	16	0.757	14	1	13
BELLOU - B	386	50.0	193	0	0	193	0.869	168	0	168
TOTAL FIELD	956		639	0	266	373		501	207	294
7440 REDEYE										
HALFWAY - A	195	90.0	176	0	166	10	0.727	128	120	8
HALFWAY - B	19	50.0	10	0	3	7	0.869	8	3	5
HALFWAY - C	83	85.0	71	0	12	59	0.748	53	9	44
TOTAL FIELD	297		257	0	181	76		189	132	57
7500 REDWILLOW RIVER										
NOTIKEWIN - A	209	3.4	7	0	7	0	0.891	6	6	0
FALHER - A	263	2.8	7	0	7	0	0.893	6	6	0
DUNLEVY - A	358	.4	1	0	1	0	0.889	1	1	0
BALDONNEL - A	545	50.0	272	0	0	272	0.818	223	0	223
HALFWAY - A	380	22.0	84	0	80	4	0.814	68	65	3
TOTAL FIELD	1,755		371	0	95	276		304	78	226



**Pool Reserve Report - Gas
As of December 31, 2017**

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11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
7410 RED CREEK NORTH														
D	0	0.7	14.6	10.0	324	Y	701	12,284	0.7470	42.380	2	2005-12	10170	1997
D	518		9.0	22.8	332	Y	822	13,742	0.7030	41.760	2	2009-12	06377	1986
D	0	4.5	6.2	38.6	331	Y	827	14,026	0.7250	45.130	2	2009-12	03664	1976
												2007-12	10062	1997
V	344	2.7	9.3	7.0	333	Y	893	14,201	0.7880	41.960	1	2007-12	10062	1997
V	65	5.0			332	Y	886			45.600	3	2012-12	10575	1997
V	259	14.0	11.4	43.9	344	N	1,213	16,851	0.8370		0		04605	1978
7440 REDEYE														
D	0	5.4	20.2	18.3	329	Y	294	6,474	0.9310	48.570	2		02442	1969
D	278		21.2	39.5	329	Y	267	4,334	0.9210	44.650	1	2012-12	11024	1998
V	278	3.0	24.1	25.7	329	Y	273	5,857	0.9070	42.290	1		10817	1998
7500 REDWILLOW RIVER														
X	298	7.4	12.0	17.0	351	Y	1,269	10,607	0.9050		1	2010-12	05699	1982
X	298	10.6	11.4	23.0	351	Y	1,370	10,607	0.9050	37.160	1	2014-12	05699	1982
X	298	9.0	10.3	13.9	369	Y	2,027	18,000	0.9220	39.070	1	2010-12	05699	1982
V	298	18.2	4.7	36.5	380	N	2,497	55,500	1.2340	35.100	0		05699	1982
M	0	39.3	6.2	16.9	385	Y	2,806	64,430	1.3120		1		05699	1982

**Pool Reserve Report - Gas
As of December 31, 2017**

Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
7600 RIGEL										
NOTIKEWIN	13	60.0	8	0	7	1	0.910	7	6	1
BLUESKY - D - DOMINION PROJECT	178	80.0	142	1	87	55	0.854	121	74	47
GETHING - B	51	80.0	41	0	24	17	0.747	30	18	12
GETHING - C	32	80.0	26	0	21	5	0.748	19	15	4
DUNLEVY - A - PROCYON PROJECT										
SOLN	11	10.0	1	0			0.869	1		
CAP	84	24.0	20	0	21	0	0.869	17	18	0
TOTAL GAS	95		21	0	21	0		18	18	0
DUNLEVY - B - NCE PROJECT #2										
SOLN	67	90.0	60	0	60	0	0.877	53	53	0
DUNLEVY - D	4	80.0	3	0	1	2	0.839	2	0	2
DUNLEVY - E - CNRL PROJ										
SOLN	13	90.0	11	3			0.827	9		
CAP	241	80.0	193	0	194	10	0.827	159	160	8
TOTAL GAS	254		204	3	194	10		168	160	8
DUNLEVY - F	16,818	90.0	15,136	34	14,756	380	0.843	12,754	12,433	321
DUNLEVY - J	15	50.0	7	0	7	0	0.875	6	6	0
DUNLEVY - K	38	90.0	34	0	31	3	0.885	30	28	2
DUNLEVY - M	35	85.0	29	0	26	3	0.886	26	23	3
DUNLEVY - N	72	90.0	64	0	56	8	0.872	56	49	7
DUNLEVY - Q	5	80.0	4	0	4	0	0.748	3	3	0
DUNLEVY - R										
SOLN	2	50.0	1	0			0.873	1		
CAP	54	80.0	43	0	11	33	0.873	38	9	30
TOTAL GAS	56		44	0	11	33		39	9	30
DUNLEVY - S										
SOLN	17	50.0	9	0			0.855	7		
CAP	173	80.0	139	0	126	22	0.855	119	108	18
TOTAL GAS	190		148	0	126	22		126	108	18
DUNLEVY - T										
SOLN	15	50.0	8	0			0.878	7		
CAP	66	50.0	33	0	23	18	0.878	29	20	16
TOTAL GAS	81		41	0	23	18		36	20	16
DUNLEVY - U	197	80.0	158	2	52	106	0.785	124	41	83
LOWER DUNLEVY - B	90	7.6	7	0	7	0	0.881	6	6	0
BALDONNEL - B	50	90.0	45	0	24	21	0.748	33	18	15
BALDONNEL - E	93	80.0	74	0	1	73	0.879	65	1	64

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
7600 RIGEL														
D	259				313	Y	80	4,516	0.9240	38.560	1	2016-12	00130	1955
V	1,539	2.0	12.9	39.2	322	Y	337	7,328	0.8790	45.405	4	2005-12	09897	1996
D	284	0.0	18.6	27.2	314	Y	342	8,704	0.8410	43.010	3	2013-12	08896	1994
D	302	0.0	14.7	26.7	325	Y	343	8,452	0.8620	43.730	2	2010-12	12575	2000
												2014-12	01942	1966
X	259	2.1	15.6	17.0	324	Y	379	11,365	0.8390	41.870	1	2014-12	01973	1966
X	0	0.0			321	Y	390				1	2005-12	01714	1965
V	65	1.6			321	Y	397			48.520	1		02565	1969
												2017-12	03109	1972
D	0	2.7	13.0	20.0	323	Y	374	6,932	0.8820	46.310	1	2017-12	03109	1972
M	0	4.6	14.1	27.0	321	Y	368	8,880	0.8500	46.492	127	2007-12	00130	1955
D		20.8	14.7	32.4	323	Y	383	8,922	0.8630	41.013	2	2014-12	07153	1989
D	284	0.0	14.0	15.5	323	Y	354	8,358	0.8590	42.700	1	2010-12	08590	1994
D	0	1.8	13.4	33.1	328	Y	370	8,699	0.8690	41.260	4	2005-12	07104	1989
D	518		11.4	39.2	328	Y	367	8,440	0.8690	42.860	2	2010-12	07450	1999
D	0	0.5	15.1	29.6	325	Y	361	7,570	0.8770	42.400	1	2012-12	16044	2003
												2012-12	01555	1965
V	259	2.4	14.7	36.4	324	Y	395	8,940	0.8480		0	2012-12	01555	1965
												2012-12	01616	1965
D	0	2.3	10.5	35.0	326	Y	391	8,402	0.8560	44.280	2	2012-12	01616	1965
												2014-12	01942	1966
V	259	4.5	15.7	34.0	324	Y	389	5,583	0.9020	34.810	3	2014-12	01973	1966
D		2.3	13.0	28.0	327	Y	337	8,374		42.800	1	2013-12	15979	2003
X	259	8.5	9.5	48.6	326	Y	404	8,301	0.8620		1		03160	1972
D	0	5.0	19.9	15.2	329	Y	372	9,086	0.8490	43.450	1	2012-12	08098	1993
V	284	2.5	17.3	17.9	327	Y	374	9,037	0.8550	43.230	1		09159	1995

Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
7600 RIGEL										
BALDONNEL - F	11	70.0	8	0	3	5	0.874	7	3	4
BALDONNEL	18	80.0	14	0	10	4	0.876	13	9	4
CECIL - A	648	90.0	583	4	531	52	0.858	501	456	45
CECIL - B - PENGROWTH PROJECT	SOLN 109	80.0	87	0	85	2	0.839	73	71	2
CECIL - C	54	10.0	5	0	1	4	0.886	5	1	4
CECIL - D	SOLN 12	30.0	4	0			0.747	3		
	CAP 75	25.0	19	0	22	1	0.747	14	17	0
TOTAL GAS	87		23	0	22	1		17	17	0
CECIL - G - PENGROWTH PROJECT	SOLN 77	70.0	54	0	51	3	0.852	46	43	3
CECIL - H - PENGROWTH PROJECT	SOLN 124	90.0	112	0			0.903	101		
	CAP 155	80.0	124	2	181	55	0.903	112	163	50
TOTAL GAS	279		236	2	181	55		213	163	50
CECIL - I - PENGROWTH PROJECT	SOLN 93	85.0	79	0	78	1	0.886	70	69	1
BOUNDARY LAKE - A	34	70.0	24	0	21	3	0.886	21	19	2
BOUNDARY LAKE - B	12	70.0	9	0	4	5	0.869	7	3	4
HALFWAY - AA	219	10.0	22	0	7	15	0.867	19	6	13
HALFWAY - AA - CALAHOO PROJECT	SOLN 10	50.0	5	0			0.871	4		
	CAP 207	6.0	12	0	17	0	0.871	11	14	1
TOTAL GAS	217		17	0	17	0		15	14	1
HALFWAY - B	32	90.0	28	0	27	1	0.868	25	24	1
HALFWAY - BB	103	80.0	83	0	4	79	0.897	74	3	71
HALFWAY - C - ARCHEAN PROJECT	SOLN 53	90.0	48	0			0.795	38		
	CAP 112	90.0	101	0	49	100	0.795	80	39	79
TOTAL GAS	165		149	0	49	100		118	39	79
HALFWAY - C - CNRL UNIT #1	SOLN 50	90.0	45	0			0.817	36		
	CAP 9	33.0	3	0	47	1	0.817	3	38	1
TOTAL GAS	59		48	0	47	1		39	38	1
HALFWAY - C - PAVILION GASCAP PROJECT	76	70.0	53	0	46	7	0.802	43	37	6
HALFWAY - D	75	5.2	4	0	4	0	0.851	3	3	0
HALFWAY - DD	SOLN 6	70.0	4	0	3	1	0.873	4	3	1
HALFWAY - EE	25	70.0	18	0	0	18	0.808	14	0	14

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
7600 RIGEL														
D	259		17.2	23.0	328	Y	394	9,065	0.8590	43.610	1	2011-12	24254	2008
D	128				327	Y	434	10,441	0.8320	43.150	2	2010-12	13911	2001
D	0	0.0	12.6	25.0	332	Y	457	11,332	0.8400	44.630	8	2010-12	07413	1990
D		1.3			324	Y	505			50.010	17	2017-12	08265	1993
V	284	2.5	12.7	40.9	325	Y	427	9,861	0.8480	42.050	1	2011-12	08841	1994
												2017-12	08208	1993
D		2.4	14.5	23.4	326	Y	421	10,296	0.8400	43.650	4	2017-12	08208	1993
D		1.9			324	Y	536			47.665	14	2015-12	10022	1996
												2017-12	10636	1997
V	264	2.4	20.0	15.0	327	Y	489	11,174	0.6770	41.426	18	2017-12	10636	1997
D					325	Y	510			43.952	24	2017-12	10648	1997
D	264	1.3	22.0	18.0	327	Y	499	11,179	0.8210	44.330	1	2016-12	09948	1996
D	284		11.5	25.8	327	Y	453	10,116	0.8270		1	2012-12	22807	2007
V	284	5.3	21.7	36.0	331	Y	501	10,497	0.8590	41.700	1	2014-12	11135	1998
												2003-12	11135	1998
X	284	4.5	20.3	24.0	331	Y	502	10,497	0.8590	43.970	1	2003-12	11135	1998
D	259	0.0	5.7	29.3	335	Y	566	10,935	0.8590		1	2010-12	05127	1980
V	286	3.9	11.9	24.7	330	Y	535	10,313	0.8610	40.660	1	2001-12	12919	2000
												2007-12	06770	1988
V	264	2.8	16.9	21.8	335	Y	561	10,853	0.8050	44.465	5	2007-12	06770	1988
												2012-12	06770	1988
V	44	1.5	16.3	19.4	335	Y	570	10,853	0.8440	42.788	8	2012-12	06770	1988
D		2.1	15.6	22.9	333	Y	559	11,178	0.8060		2	2015-12	04957	1979
X	259	3.2	15.8	51.5	330	Y	660	11,367	0.8330	38.790	1	2010-12	07450	1989
D	71				333	Y	526			42.430	1	2017-12	11473	2002
D		1.5	21.0	24.0	324	Y	505	10,126	0.8000	41.580	1	2017-12	15380	2003

**Pool Reserve Report - Gas
As of December 31, 2017**

Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
7600 RIGEL										
HALFWAY - FF	111	5.7	6	0	6	0	0.859	5	5	0
HALFWAY - H - HUNT OIL PROJECT #1										
SOLN	68	50.0	34	0			0.753	26		
CAP	175	50.0	88	0	18	104	0.753	66	13	79
TOTAL GAS	243		122	0	18	104		92	13	79
HALFWAY - HH	40	70.0	28	0	0	28	0.879	24	0	24
HALFWAY - I										
SOLN	22	50.0	11	0			0.854	9		
CAP	549	90.0	494	0	486	19	0.854	422	416	15
TOTAL GAS	571		505	0	486	19		431	416	15
HALFWAY - M	103	4.7	5	0	5	0	0.885	4	4	0
HALFWAY - P	199	5.5	11	0	11	0	0.871	10	9	1
HALFWAY - S	53	50.0	27	0	2	25	0.849	23	1	22
HALFWAY - U	60	90.0	54	0	51	3	0.863	47	44	3
HALFWAY - W	60	90.0	54	0	53	1	0.855	46	45	1
HALFWAY - Y	174	90.0	157	0	3	154	0.853	134	2	132
DOIG - B	9	90.0	8	0	7	1	0.792	7	5	2
TOTAL FIELD	22,456		18,821	46	17,372	1,449		15,872	14,654	1,218

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
7600 RIGEL														
X	284	3.0	20.3	37.0	329	Y	509	10,141	0.8640	41.050	1	2010-12	15918	2003
												2011-12	11318	1998
V	680	1.6	16.0	27.6	331	Y	665	12,099	0.7480	43.189	12	2011-12	07471	1990
V	277	1.4	16.7	43.0	330	N	614	11,295	0.9040	31.160	0	2010-12	22685	2007
												2011-12	07463	1990
D	1,036	0.0	19.4	24.2	332	Y	603	11,421	0.8460	41.816	5	2011-12	07463	1990
X	264	3.1	19.2	42.3	327	Y	599	11,104	0.8530	40.500	1	2003-12	07857	1992
X	284	9.0	12.5	39.6	335	Y	538	10,448	0.8610	41.620	1	2003-12	06633	1987
V	284	1.6	18.0	41.0	333	Y	604	11,193	0.8680	40.620	1	2003-12	08475	1994
D	571	0.0	12.3	40.4	333	Y	559	10,648	0.8580	41.494	2	2010-12	08796	1994
D	284	3.1	18.3	36.0	330	Y	539	10,069	0.8710	40.860	1	2016-12	09392	1995
V	284	5.8	15.8	38.9	328	Y	585	10,845	0.8580		1	2010-12	09373	1995
D		4.1	11.6	19.2	334	Y	631	10,449	0.8470	45.130	1	2014-12	19357	2005

Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
7620 RIGEL EAST										
GETHING - A	1,034	90.0	931	0	830	101	0.820	763	681	82
GETHING - A - REMINGTON PROJECT	SOLN	7	50.0	4	0		0.857	3		
	CAP	205	90.0	185	0	139	0.857	158	119	42
TOTAL GAS	212		189	0	139	50		161	119	42
GETHING - B	21	4.5	1	0	1	0	0.881	1	1	0
GETHING - C	70	52.6	37	0	37	0	0.877	32	32	0
GETHING - D	66	4.0	3	0	3	0	0.893	2	2	0
GETHING - F	146	80.0	117	0	99	18	0.862	101	85	16
GETHING - G	112	90.0	100	0	93	7	0.861	86	80	6
GETHING - H	SOLN	21	25.0	5	0	1	0.763	4	1	3
CADOMIN - A	144	90.0	130	0	107	23	0.869	113	93	20
BALDONNEL - B	36	90.0	32	0	22	10	0.872	28	19	9
BALDONNEL	16	80.0	12	0	10	2	0.870	11	9	2
HALFWAY - A	8	75.0	6	0	1	5	0.856	5	1	4
HALFWAY - B	130	1.0	1	0	1	0	0.858	1	1	0
TOTAL FIELD	2,016		1,564	0	1,344	220		1,308	1,124	184
7660 RING										
BLUESKY-GETHING-MONTNEY - A	1,949	75.0	1,462	17	543	919	0.910	1,330	494	836
BLUESKY-GETHING-MONTNEY - A - CANHUNTER BORDER UNIT B	24,188	75.0	18,141	105	10,161	7,980	0.905	16,421	9,198	7,223
BLUESKY-GETHING-MONTNEY - A - BURLINGTON PROJECT	2,694	75.0	2,020	14	640	1,380	0.905	1,829	579	1,250
BLUESKY-GETHING-MONTNEY - E - CANHUNTER BORDER UNIT B	88	80.0	70	2	38	32	0.906	64	34	30
BLUESKY-GETHING-MONTNEY - E - BURLINGTON PROJECT	500	80.0	400	8	342	58	0.905	362	310	52
BELLOY - A	87	25.0	22	0	0	22	0.915	20	0	20
SLAVE POINT - A	539	90.0	485	0	354	131	0.845	409	299	110
SLAVE POINT - B	47	55.0	26	0	0	26	0.815	21	0	21
TOTAL FIELD	30,092		22,626	146	12,078	10,548		20,456	10,914	9,542

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
7620 RIGEL EAST														
D	0	3.2	15.6	20.7	328	Y	359	9,218	0.8570	46.304	4	2003-12	07433	1990
												2012-12	07433	1990
M	0	2.9	15.6	20.7	328	Y	359	9,218	0.8570	44.623	3	2012-12	07433	1990
X	259	1.7	13.7	49.9	325	Y	345	7,478	0.9340		1	2010-12	04570	1978
X	264	2.7	15.4	32.7	325	Y	351	9,139	0.8440		1	2002-12	04210	1978
X	253	3.4	14.3	35.7	334	Y	354	8,742	0.8880		1	2003-12	04577	1978
V	528	2.4	16.6	24.4	325	Y	351	8,975	0.8550	44.359	2		00160	1956
M	0	1.8	13.2	42.1	325	Y	349	7,912	0.8640	43.590	1	2012-12	06421	1986
V	66	6.0			326	Y	362			51.630	1	2012-12	21067	2006
D	0	12.2	14.0	16.3	325	Y	362	9,073	0.8550	42.370	1	2012-12	07764	1991
D		8.1	11.5	47.0	322	Y	388	9,226	0.8570	40.610	1	2014-12	09893	1996
D	259				326	Y	373	9,099	0.8700	39.080	1	2010-12	12894	2000
V	200	0.6	10.1	42.0	328	Y	558	10,568	0.8500	45.170	1		00160	1956
X	259	4.1	16.9	32.4	337	Y	570	10,832	0.8510		1	2002-12	07432	1990
7660 RING														
V	5,796	5.4	15.1	38.3	323	Y	144	6,705	0.8830	39.522	31	2005-12	06985	1989
D	0	10.8	14.6	60.6	323	Y	144	6,705	0.8830	44.411	202	2002-12	06985	1989
V	4,692	6.3	28.4	52.0	323	Y	144	6,705	0.8830	44.975	17	2005-12	06985	1989
V	275	4.9	16.5	31.5	318	Y	115	5,748	0.8930	43.800	3		09642	1996
D	29,888	0.0	14.2	43.6	318	Y	105	5,748	0.8930	43.265	23	2010-12	09642	1996
V	277	3.0	21.8	35.4	327	N	236	7,684	0.8960			2003-12	05338	1981
D	0	6.5	4.6	27.3	386	Y	1,687	21,470	0.9480	37.800	2	2007-12	00129	1955
V	200	3.3	5.0	18.0	381	N	1,739	21,787	0.9400				05338	1981

Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
7720 ROGER										
SLAVE POINT	145	85.0	123	0	108	15	0.747	92	80	12
PINE POINT - A - CNRL PROJECT	3,425	62.9	2,153	0	2,153	0	0.747	1,609	1,609	0
TOTAL FIELD	3,570		2,276	0	2,261	15		1,701	1,689	12
7740 SAHTANEH										
DEBOLT	42	60.0	25	0	1	24	0.596	15	1	14
SLAVE POINT - A	96	74.0	71	0	0	71	0.730	52	0	52
SLAVE POINT - B - MOBIL PROJECT	1,000	65.0	650	0	317	333	0.667	434	212	222
SLAVE POINT - C	316	65.0	205	0	152	53	0.684	140	104	36
SLAVE POINT - D	320	5.0	16	0	13	3	0.690	11	9	2
SULPHUR POINT - A	68	35.0	24	0	16	8	0.731	17	11	6
PINE POINT - A	1,232	37.0	456	0	436	20	0.704	321	307	14
PINE POINT - B	1,477	32.0	473	0	451	22	0.623	294	281	13
PINE POINT - C	111	74.0	82	0	64	18	0.678	56	43	13
TOTAL FIELD	4,662		2,002	0	1,450	552		1,340	968	372
7745 SATURN										
CECIL - A - IMPERIAL PROJECT	SOLN	40	50.0	20	0		0.896	18		
	CAP	58	80.0	46	0	22	0.896	41	20	39
TOTAL GAS	98		66	0	22	44		59	20	39
CECIL - B	10	80.0	8	0	2	6	0.861	7	2	5
DEBOLT - A	558	1.0	6	0	0	6	0.845	5	0	5
TOTAL FIELD	666		80	0	24	56		71	22	49
7750 SEPTIMUS										
NORTH PINE - B	44	80.0	35	0	29	6	0.885	31	26	5
NORTH PINE - C	52	40.0	21	0	20	1	0.883	18	18	0
NORTH PINE - D	62	15.0	9	0	4	5	0.897	8	4	4
HALFWAY - A	954	85.0	811	0	798	13	0.841	682	671	11
HALFWAY - B	48	90.0	43	0	35	8	0.841	36	29	7
DOIG - A	81	90.0	73	0	5	68	0.708	52	3	49
DOIG - B	262	90.0	236	0	23	213	0.705	166	16	150
TOTAL FIELD	1,503		1,228	0	914	314		993	767	226

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
7720 ROGER														
D	537				385	Y	1,538	12,542	0.9340	37.020	2	2009-12	03637	1977
X	0	62.6	7.4	16.2	403	Y	1,714	20,684	0.9550	33.122	3	2014-12	03637	1977
7740 SAHTANEH														
V	269	3.0	12.5	45.1	310	Y	120	6,488	0.7790	26.020	2	2012-12	08775	1994
V	259	4.6	6.0	12.0	383	Y	1,482	18,961	0.9270		0		03858	1977
M	0	23.2	4.7	20.0	381	Y	1,488	18,940	0.9230	0.728	1		03685	1976
V	269	20.1	4.2	4.8	385	Y	1,495	18,287	0.9240		1		08071	1993
V	269	13.8	6.0	4.8	385	Y	1,473	18,622	0.9120	31.690	1	2001-12	08775	1994
V	269	2.1	9.0	13.0	381	Y	1,528	18,938	0.9210	37.480	1	2010-12	02436	1969
D	259	35.7	10.0	12.0	385	Y	1,551	19,050	0.9290		1		03858	1977
M	0	89.3	7.5	15.0	387	Y	1,654	20,739	0.9280		1	2012-12	04198	1993
M	0	61.2	7.0	15.0	388	Y	1,672	21,609	0.9400	31.467	2	2010-12	08466	1994
7745 SATURN														
V	264	1.9	8.4	10.3	335	Y	860	15,360	0.8540	39.970	3	2003-12	07772	1992
V	264	0.5	6.6	20.6	334	Y	879	14,352	0.8200	43.610	1	2005-12	12227	1999
V	264	34.0	2.0	5.0	378	N	2,330	52,973	1.2190	46.640	0	2014-12	07772	1992
7750 SEPTIMUS														
D	0	0.9	8.5	36.2	329	Y	863	15,457	0.8270	42.450	1	2009-12	12395	1999
V	264	1.9	8.8	32.3	314	Y	862	15,397	0.7980	42.690	1	2015-12	14390	2001
V	259	1.8	13.9	31.9	331	Y	842	13,816	0.8450	41.060	1	2011-12	20143	2005
M	0	9.9	8.7	36.9	349	Y	999	15,921	0.8750	39.151	5	2007-12	04810	1979
D		7.1	7.1	40.0	333	Y	996	15,257	0.8480	41.690	1	2015-12	14390	2001
V	264	4.1	7.1	46.0	330	Y	1,027	15,802	0.6980	42.280	1	2009-12	15081	2002
V	264	7.5	9.7	27.9	314	Y	1,034	16,085	0.7690	44.350	1	2010-12	19674	2005

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	1	2	3	4	5	6	7	8	9	10
Field / Pool / Project	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
7755 SEXTET										
SLAVE POINT - A	326	25.0	82	0	63	19	0.760	62	48	14
SLAVE POINT - B	530	70.0	371	0	357	14	0.766	284	274	10
SLAVE POINT - D - TALISMAN PROJECT	1,392	90.0	1,253	0	1,103	150	0.774	969	853	116
SLAVE POINT - E	856	10.0	86	0	85	1	0.753	64	64	0
TOTAL FIELD	3,104		1,792	0	1,608	184		1,379	1,239	140
7760 SHEKILIE										
BLUESKY - A	39	80.0	31	0	24	7	0.787	25	19	6
SHUNDA - D	44	90.0	40	0	0	40	0.812	32	0	32
SHUNDA - E	7	90.0	6	0	5	1	0.857	5	4	1
PEKISKO - A	8	90.0	7	0	6	1	0.811	6	5	1
PEKISKO - B	15	50.0	7	0	4	3	0.848	6	3	3
PEKISKO - C	12	80.0	10	0	2	8	0.841	8	2	6
PEKISKO - D	23	30.0	7	0	2	5	0.834	6	2	4
BANFF - A	257	40.6	104	0	104	0	0.843	88	88	0
BANFF - B	3	70.0	2	0	1	1	0.860	2	1	1
SLAVE POINT - A	395	65.0	256	0	98	158	0.759	195	75	120
TOTAL FIELD	803		470	0	246	224		373	199	174

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
7755 SEXTET														
V	740	4.9	7.1	19.2	379	Y	1,449	18,567	0.8880	36.265	3	2002-12	02884	1971
D	0	43.0	8.2	13.0	372	Y	1,483	18,488	0.8700	33.149	3	2007-12	08494	1994
V	538	31.5	7.0	19.0	385	Y	1,434	18,497	0.9430	36.399	2	2005-12	09513	1996
V	269	25.7	10.0	15.0	380	Y	1,491	18,189	0.9340	36.270	1	2014-12	13954	2002
7760 SHEKILIE														
V	267	2.4	23.8	35.6	310	Y	44	4,013	0.9290	39.150	1	2012-12	13566	2001
D	0	2.6	8.4	44.0	299	Y	35	3,600	0.9500	38.340	0	2012-12	20899	2006
V	268	2.3	7.0	43.0	294	Y	38	2,660	0.9470	33.990	1	2017-12	20936	2006
V	268	4.6	8.5	57.0	296	Y	54	1,679	0.9640		1	2010-12	19050	2005
V	373	3.7	10.8	36.5	296	Y	48	1,561	0.9690	39.830	2	2015-12	20085	2006
V	351	2.7	9.8	26.7	296	Y	58	1,797	0.9600	40.260	1	2008-12	20088	2006
V	268	8.1	8.4	33.0	298	Y	34	1,884	0.9620	37.860	1	2012-12	15505	2003
V	8,894	2.3	12.7	33.1	297	Y	4	1,493	0.9680	39.890	18	2017-12	06238	2000
D	128		13.4	38.0	300	Y	31	1,206	0.9750	39.600	2	2011-12	19205	2005
V	436	19.0	5.6	33.0	379	Y	1,236	15,817	0.9350	36.880	2	2009-12	01816	1966

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Field / Pool / Project	1 Original Gas In Place 10E6 m3	2 Recovery Factor %	3 Initial Reserves (Raw) 10E6 m3	4 Annual Prod (Raw) 10E6 m3	5 Cumul Prod (Raw) 10E6 m3	6 Remaining Reserves (Raw) 10E6 m3	7 Shrink Factor	8 Initial Reserves (Mktble) 10E6 m3	9 Cumul. Prod (Mktble) 10E6 m3	10 Remain'g Reserves (Mktble) 10E6 m3
7770 SIERRA										
BLUESKY - B	576	90.0	519	11	444	75	0.803	417	357	60
BLUESKY - C	44	90.0	40	0	4	36	0.818	33	3	30
BLUESKY - D	36	80.0	28	0	26	2	0.818	23	21	2
BANFF	40	80.0	32	1	22	10	0.857	27	19	8
JEAN MARIE - A	9,979	90.0	8,981	228	5,185	3,796	0.817	7,336	4,235	3,101
JEAN MARIE - A - ENDURANCE PROJECT	2,363	90.0	2,127	20	984	1,143	0.805	1,712	792	920
SLAVE POINT - A	777	34.6	269	0	269	0	0.726	195	195	0
SLAVE POINT - C	268	41.0	110	0	104	6	0.733	81	76	5
PINE POINT - A - MOBIL PROJECT	39,300	90.0	35,370	132	32,905	2,465	0.713	25,208	23,451	1,757
PINE POINT - B - MOBIL PROJECT	19,597	90.0	17,637	62	14,974	2,663	0.679	11,972	10,164	1,808
PINE POINT - D	5,806	10.0	581	0	527	54	0.667	387	351	36
PINE POINT - D - MOBIL PROJECT	5,806	73.0	4,238	16	3,903	335	0.701	2,972	2,737	235
PINE POINT - E - MOBIL PROJECT	2,414	90.0	2,173	5	2,127	46	0.711	1,544	1,511	33
PINE POINT - F - MOBIL PROJECT	2,142	85.0	1,821	11	1,599	222	0.682	1,242	1,090	152
PINE POINT - G	772	80.0	617	0	616	1	0.700	432	431	1
PINE POINT - H	184	1.0	2	0	1	1	0.748	1	1	0
PINE POINT - J	2,576	90.0	2,319	0	2,041	278	0.601	1,393	1,226	167
TOTAL FIELD	92,680		76,864	486	65,731	11,133		54,975	46,660	8,315
7775 SIKANNI										
HALFWAY - A	297	90.0	268	0	133	135	0.784	210	104	106
KISKATINAW - A	372	1.3	5	0	5	0	0.788	4	4	0
DEBOLT - A	453	35.0	159	0	152	7	0.795	126	120	6
DEBOLT - B	272	42.0	114	0	111	3	0.795	91	88	3
DEBOLT - C - RANGER PROJECT	5,440	51.0	2,774	0	2,721	53	0.795	2,205	2,162	43
DEBOLT - D	96	50.0	48	0	33	15	0.794	38	26	12
DEBOLT - G - ACANTHUS PROJECT	2,110	50.0	1,055	0	1,049	6	0.794	838	833	5
DEBOLT - H	3,872	90.0	3,485	0	3,243	242	0.791	2,755	2,564	191
DEBOLT - I	1,267	60.0	760	0	249	511	0.795	604	198	406
DEBOLT - J	483	60.0	290	0	198	92	0.794	230	157	73
DEBOLT - K	714	65.0	464	0	433	31	0.795	369	345	24
DEBOLT	34	85.0	29	0	22	7	0.795	23	18	5
TOTAL FIELD	15,410		9,451	0	8,349	1,102		7,493	6,619	874

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
7770 SIERRA														
D	1,608	0.0	23.7	44.9	308	Y	31	5,588	0.9090	38.870	5	2010-12	09550	1996
V	268	3.5	22.9	65.0	308	Y	39	5,711	0.8970		1	2009-12	22570	2007
D	0	4.6	25.0	40.0	310	Y	22	5,453	0.9030		1	2008-12	05160	2002
D	536				317	Y	303	7,104	0.8620	43.485	3	2013-12	12899	2000
D			4.7	24.7	339	Y	775	9,105	0.9120	38.018	163	2011-12	12190	1999
V	16,973	4.1	5.3	23.5	339	Y	892	9,105	0.9120	38.409	26	2015-12	12190	1999
X	259	40.5	6.0	19.0	382	Y	1,446	18,940	0.9250		1	2002-12	03676	1976
M	0	51.1	7.7	16.4	384	Y	1,465	18,713	0.9280	32.850	1	2001-12	06487	1986
M	0	61.6	10.0	12.0	399	Y	1,600	23,925	0.9550	22.303	18		01602	1965
D	0	0.0	10.7	12.0	392	Y	1,658	25,000	0.9500	31.469	5	2010-12	01814	1967
M	0	0.0	0.0	0.0	387	Y	1,664	25,538	0.9410	30.645	5		04202	1978
D	0	0.0	0.0	0.0	387	Y	1,664	25,538	0.9410		2	2002-12	04202	1978
M	0	51.7	8.3	18.7	392	Y	1,644	23,453	0.9470		1	2007-12	05058	1980
M	0	85.5	9.1	8.0	396	Y	1,643	21,357	0.9460	37.640	1	2010-12	07714	1991
D		77.3	11.1	22.0	378	Y	1,651	22,451	0.9320	37.660	1	2017-12	08055	1993
V	268	4.6	10.0	12.0	385	Y	1,599	20,611	0.8974	36.810	1	2017-12	08838	1994
V	179	93.0	8.8	13.5	395	Y	1,737	26,151	0.9260	29.250	1	2007-12	04726	1980
7775 SIKANNI														
D	0	4.6	5.7	32.6	286	Y	583	7,532	0.8320	39.340	1	2009-12	08788	2002
X	259	7.0	15.0	10.3	322	Y	339	14,815	0.8570		1	2010-12	05769	1982
M	0	6.8	5.9	19.6	337	Y	784	15,884	0.8780	37.532	3		05700	1982
M	0	27.0	4.2	35.8	334	Y	692	14,936	0.8800	37.390	2		05495	1981
M	0	46.3	6.6	24.7	332	Y	771	17,789	0.8690	37.616	7		05769	1982
M	0	4.0	6.9	23.4	336	Y	1,028	18,105	0.8770		1	2001-12	06235	1985
D	0	27.9	6.6	18.1	329	Y	723	15,350	0.8690	37.364	2	2010-12	03391	1974
D	0	37.3	5.0	12.1	325	Y	677	17,319	0.8540	37.710	2	2008-12	08030	1993
V	282	41.2	7.7	7.6	332	Y	1,017	15,670	0.8760	37.490	1		08788	1994
V	281	22.6	5.0	10.1	328	Y	906	17,005	0.8710	37.620	1		08905	1995
M		62.0	4.0	20.0	301	Y	124	8,195	0.8660	37.310	1	2014-12	10038	1999
D	281				308	Y	914	8,970	0.8710	37.390	1	2010-12	06969	1989

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Field / Pool / Project	1 Original Gas In Place 10E6 m3	2 Recovery Factor %	3 Initial Reserves (Raw) 10E6 m3	4 Annual Prod (Raw) 10E6 m3	5 Cumul Prod (Raw) 10E6 m3	6 Remaining Reserves (Raw) 10E6 m3	7 Shrink Factor	8 Initial Reserves (Mktble) 10E6 m3	9 Cumul. Prod (Mktble) 10E6 m3	10 Remain'g Reserves (Mktble) 10E6 m3
7780 SILVER										
BLUESKY - A	3,924	90.0	3,532	7	3,207	325	0.733	2,589	2,351	238
BLUESKY - B	528	80.0	423	3	345	78	0.745	315	257	58
BLUESKY - C	86	85.0	73	0	11	62	0.757	55	9	46
BLUESKY - D	73	80.0	58	1	40	18	0.877	51	35	16
BLUESKY - E	4	65.2	3	0	3	0	0.877	2	2	0
BLUESKY-GETHING - A	224	92.0	206	3	196	10	0.872	180	170	10
BLUESKY-GETHING - B	49	90.0	44	0	8	36	0.866	38	7	31
BLUESKY-GETHING - C	62	90.0	56	0	0	56	0.878	49	0	49
BLUESKY-GETHING - D	7	80.0	5	0	5	0	0.838	5	4	1
BLUESKY-GETHING	6	50.0	3	0	3	0	0.863	2	2	0
GETHING - B	60	90.0	54	1	44	10	0.836	45	37	8
BALDONNEL - A	24	90.0	21	0	18	3	0.867	19	16	3
CHARLIE LAKE - A	69	90.0	62	0	0	62	0.873	54	0	54
CHARLIE LAKE - D	8	80.0	7	0	0	7	0.854	6	0	6
A MARKER/BASE OF LIME - B	2	66.9	1	0	1	0	0.875	1	1	0
HALFWAY - A	63	15.0	9	0	9	0	0.887	8	8	0
HALFWAY - B	41	65.0	27	0	27	0	0.868	23	23	0
HALFWAY - G	193	80.0	154	4	120	34	0.848	131	102	29
HALFWAY - H	8	80.0	7	0	0	7	0.868	6	0	6
HALFWAY - I	71	70.0	49	0	48	1	0.778	38	37	1
TOTAL FIELD	5,502		4,794	19	4,085	709		3,617	3,061	556
7820 SILVERBERRY										
GETHING - A	30	90.0	27	0	22	5	0.869	23	19	4
BALDONNEL - B	102	9.5	10	0	10	0	0.869	8	8	0
NORTH PINE - A	353	93.3	329	0	329	0	0.896	295	295	0
NORTH PINE - B	57	90.0	51	0	46	5	0.895	46	41	5
NORTH PINE - D	16	79.3	13	0	13	0	0.910	11	11	0
ARTEX - A	31	25.0	8	0	0	8	0.759	6	0	6
TOTAL FIELD	589		438	0	420	18		389	374	15

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
7780 SILVER														
M	0	4.7	14.4	33.8	332	Y	280	6,971	0.8790	46.431	30	2012-12	00571	1960
D	0	3.4	14.8	44.2	332	Y	269	6,915	0.8760	45.760	9	2013-12	03108	1972
V	279	3.9	16.6	37.1	324	Y	284	7,391	0.8580	44.320	1	2001-12	09086	1995
D	0		12.7	31.1	335	Y	307	6,778	0.8960		1	2008-12	07793	1995
X	109	0.7	12.0	25.0	334	Y	304	6,560	0.8980		1	2011-12	12909	2000
D	4,038	3.7	10.4	49.1	330	Y	299	5,242	0.9050	45.740	17	2017-12	09551	1996
V	380	3.1	10.6	33.4	331	Y	297	6,114	0.8920	44.560	2	2007-12	20427	2006
V	277	4.8	12.5	35.5	331	Y	284	6,088	0.9040			2009-12	20188	2006
D	277	2.8	13.1	39.1	330	Y	280	4,320	0.9220	45.200	3	2016-12	22375	2007
D	64		15.0	35.0	323	Y	282	3,490	0.9270	45.580	1	2010-12	17596	2005
D	1,385		13.4	29.5	330	Y	284	4,600	0.9110	50.436	5	2010-12	18523	2005
D		5.3	12.1	7.5	334	Y	300	6,954	0.8820	43.830	1	2014-12	08903	1994
V	278	6.6	11.1	46.6	328	Y	314	6,522	0.8870		0		08522	1994
V	278	1.0	12.0	57.7	332	Y	280	5,981	0.8890	45.760	1	2008-12	20407	2006
V	277	0.5	8.1	72.2	334	Y	323	5,768	0.9090	43.160	1	2012-12	20835	2006
X	259	2.7	15.0	21.0	338	Y	360	7,977	0.8840		1	2010-12	03835	1976
V	270	1.5	14.5	11.8	342	Y	404	7,853	0.8210	45.990	1	2015-12	03964	1977
V	2,442	2.8	12.3	43.7	330	Y	296	4,358	0.9220	46.039	8	2008-12	18548	2005
V	278	1.0	10.0	42.0	333	Y	363	5,439	0.9090		1	2012-12	12022	1999
D		0.9	11.6	15.1	339	Y		7,752	0.8840	43.950	1	2015-12	04216	1978
7820 SILVERBERRY														
D		4.3	11.9	29.4	324	Y	398	9,515	0.8500	42.460	1	2015-12	14877	2002
V	574	2.0	9.3	15.0	327	Y	476	10,834	0.8390	42.270	1	2015-12	15049	2002
X	0	2.4	29.5	10.4	334	Y	615	12,804	0.8490	41.396	1	2009-12	03076	1972
D	0	2.0	14.3	19.0	334	Y	595	13,284	0.8320	41.747	2	2004-12	04519	1978
X	259	2.5	14.3	19.0	330	Y	595	2,326	0.9500	39.320	1	2012-12	10395	1997
V	262	1.3	10.4	30.0	345	N	726	12,747	0.8370		0		07051	1989

Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
7840 SIPHON										
BLUESKY	2	80.0	1	0	1	0	0.874	1	1	0
GETHING - B	34	50.0	17	0	4	13	0.874	15	3	12
DUNLEVY - A	2,779	52.0	1,445	0	1,416	29	0.872	1,260	1,235	25
DUNLEVY - B	175	90.0	157	0	5	152	0.871	137	4	133
DUNLEVY - D	117	85.0	99	0	71	28	0.858	85	61	24
DUNLEVY - E	30	80.0	24	0	0	24	0.865	21	0	21
BALDONNEL - A	137	70.0	96	2	83	13	0.844	81	70	11
SIPHON - A	467	73.0	341	1	340	1	0.820	280	279	1
SIPHON - B	105	90.0	95	1	93	2	0.866	82	80	2
CECIL - A	26	90.0	23	0	0	23	0.885	20	0	20
HALFWAY - A	998	75.0	748	0	674	74	0.855	640	576	64
HALFWAY - C	65	15.6	10	0	10	0	0.853	9	9	0
HALFWAY - E	330	90.0	297	0	5	292	0.886	263	4	259
DOIG - A	312	1.0	3	0	1	2	0.870	3	1	2
DOIG	257	90.0	231	1	144	87	0.834	193	120	73
TOTAL FIELD	5,834		3,587	5	2,847	740		3,090	2,443	647
7860 SIPHON EAST										
BLUESKY - A	SOLN	10	50.0	5	0		0.817	4		
	CAP	907	90.0	816	0	801	0.817	667	654	17
	TOTAL GAS	917		821	0	801		671	654	17
DUNLEVY - A		89	7.6	7	0	7	0.872	6	6	0
DUNLEVY - B	SOLN	34	50.0	17	0		0.847	15		
	CAP	37	50.0	19	0	31	0.847	16	27	4
	TOTAL GAS	71		36	0	31		31	27	4
BALDONNEL - A		103	6.5	7	0	6	0.868	6	6	0
TOTAL FIELD		1,180		871	0	845		714	693	21
7890 SOJER										
BALDONNEL - A		258	50.0	129	0	19	0.867	112	17	95
BALDONNEL - B		40	90.0	36	0	0	0.762	28	0	28
TOTAL FIELD		298		165	0	19		140	17	123

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
7840 SIPHON														
D		2.0			333	Y	328	8,209			1	2013-12	16983	2003
V	264	2.0	11.2	40.6	322	Y	357	9,316	0.8560		1	2002-12	06052	1984
D	0	7.9	15.5	23.6	324	Y	372	9,846	0.8430	41.786	6	2003-12	02581	1969
V	259	9.8	12.1	39.1	332	Y	382	9,385	0.8600	41.050	1		03055	1972
D	0	4.3	19.1	27.2	327	Y	374	9,729	0.8580	43.510	1	2010-12	05021	1979
V	264	1.4	15.2	40.7	323	N	386	8,756	0.8590	42.400	0		12063	1999
M	1,295		12.5	33.1	327	Y	451	9,991	0.8620	41.122	5	2017-12	00444	1959
M	0		12.4	20.2	327	Y	494	10,678	0.8360		5	2009-12	00444	1959
D	0	1.2	7.3	41.2	329	Y	504	11,146	0.8250	43.440	1	2008-12	04048	1977
V	131	1.2	16.5	14.8	330	N	515	11,335	0.8460		0		04048	1977
D	1,593	4.8	14.2	23.7	332	Y	646	11,852	0.8430	40.503	3	2002-12	00444	1959
X	241	3.2	10.3	31.3	332	Y	650	11,750	0.8430		1	2010-12	02952	1971
V	264	13.5	12.8	38.3	331	Y	640	11,613	0.8520	41.780	1	2005-12	14660	2002
V	264	8.6	16.7	36.2	333	Y	725	12,475	0.8260	44.440	1	2014-12	11177	1998
D	0	0.0	0.0	0.0	333	Y	643	9,712	0.8065	44.350	1	2012-12	08860	1994
7860 SIPHON EAST														
D	0	2.8	14.6	33.4	322	Y	351	8,025	0.8610	46.150	8	2004-12	03784	1976
X	259	2.7	17.3	23.8	324	Y	352	9,395	0.8570		1	2010-12	03852	1977
D	259				326	Y	387	7,972	0.8540	42.510	1	2017-12	15147	2002
X	259	3.7	14.8	27.5	327	Y	448	9,995	0.8640		1	2010-12	03939	1977
7890 SOJER														
V	840	5.1	8.0	25.9	344	Y	406	10,677	0.8680		1		00472	1959
V	280	4.0	7.0	50.0	336	Y	414	10,475	0.8620		0	2010-12	20157	2005

Field / Pool / Project		1	2	3	4	5	6	7	8	9	10
		Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
7900 SQUIRREL											
BLUESKY - A - PENGROWTH PROJECT	SOLN	8	50.0	4	0			0.822	3		
	CAP	28	70.0	19	0	15	8	0.822	16	13	6
	TOTAL GAS	36		23	0	15	8		19	13	6
GETHING - A		83	90.0	74	0	12	62	0.882	66	11	55
GETHING - B		36	90.0	32	0	19	13	0.870	28	16	12
GETHING		15	80.0	12	0	11	1	0.771	9	8	1
DUNLEVY - A		64	75.0	48	0	11	37	0.878	42	10	32
BALDONNEL - A		64	80.0	51	0	1	50	0.865	44	1	43
NORTH PINE - C - ENCAL PROJECT	SOLN	93	70.0	65	0			0.885	58		
	CAP	99	90.0	89	0	128	26	0.885	79	113	24
	TOTAL GAS	192		154	0	128	26		137	113	24
TOTAL FIELD		490		394	0	197	197		345	172	173



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Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
7900 SQUIRREL														
D	259				323	Y	323	10,880	0.7440		3	2013-12	17834	2004
V	260	3.9	13.0	25.0	324	Y	388	8,232	0.8640		1	2007-12	21272	2006
D		14.4	14.3	39.0	325	Y	405	7,968	0.8650		1	2014-12	23103	2008
D	259				324	Y	382	9,156	0.8310		1	2010-12	13981	2001
V	150	5.0	12.6	37.0	324	Y	415	10,243	0.8400	42.190	1		05405	1980
V	261	2.3	12.9	26.8	326	Y	480	10,726	0.8280	44.110	1	2006-12	17836	2004
												2010-12	12336	1999
V	528	1.4	15.0	27.1	331	Y	631	11,934	0.8380	45.758	21	2010-12	12336	1999

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	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
8000 STODDART										
CADOMIN - A	84	80.0	67	0	2	65	0.870	59	2	57
CECIL - B	SOLN	22	70.0	16	0	12	0.875	14	10	4
CECIL - C - PETRO-CAN PROJECT	SOLN	4	50.0	2	0		0.882	2		
	CAP	32	90.0	29	0	23	0.882	25	20	7
TOTAL GAS	36		31	0	23	8		27	20	7
CECIL - D	72	50.0	36	0	0	36	0.883	32	0	32
CECIL - F	42	13.6	6	0	6	0	0.880	5	5	0
CECIL - G	25	23.0	6	0	6	0	0.883	5	5	0
CECIL - H	40	21.2	8	0	8	0	0.890	8	8	0
CECIL - J - WAINOCO PROJECT	SOLN	16	50.0	8	0	5	0.872	7	4	3
NORTH PINE - A	139	25.0	35	0	16	19	0.873	30	14	16
NORTH PINE - B	52	3.3	2	0	2	0	0.892	2	1	1
NORTH PINE - D	47	13.0	6	0	6	0	0.885	5	5	0
NORTH PINE - E - PETRO CANADA PROJECT	SOLN	16	75.0	12	0	12	0.845	10	10	0
NORTH PINE - F - CALAHOO PROJECT	SOLN	21	80.0	16	0		0.863	14		
	CAP	75	80.0	60	0	71	0.863	52	61	5
TOTAL GAS	96		76	0	71	5		66	61	5
NORTH PINE - F - SEARCH PROJECT	SOLN	15	90.0	14	0	12	0.811	11	10	1
NORTH PINE - G - PROGRESS PROJECT		11	80.0	9	0	0	0.812	7	0	7
NORTH PINE - G - PENGROWTH PROJECT	SOLN	28	91.0	26	0	25	0.839	21	21	0
NORTH PINE		19	60.0	11	0	11	0.868	10	9	1
BELLOY - A		11,866	84.0	9,968	6	9,893	0.884	8,807	8,741	66
BELLOY - C - PROGRESS PROJECT	SOLN	109	60.0	66	0	64	0.884	58	57	1
BELLOY - M		393	90.0	354	0	274	0.891	315	244	71
TOTAL FIELD	13,128		10,757	6	10,448	309		9,499	9,227	272

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
8000 STODDART														
V	257	3.9	14.1	39.7	323	Y	402	9,574	0.8520		1	2002-12	12150	1999
D		1.2			325	Y	561			43.600	1	2017-12	03723	1976
												2003-12	03985	1977
M	0	0.0	0.0	0.0	325	Y	561	12,548	0.8420		1	2003-12	03985	1977
V	259	3.0	11.3	38.1	329	Y	571	12,506	0.8180		1		04401	1978
X	259	1.0	18.0	31.1	329	Y	570	12,440	0.8190	42.150	1	2002-12	05597	1981
V	259	1.2	13.5	53.6	330	Y	1,306	12,420	0.8390	42.520	1		04075	1977
X	259	1.2	13.6	25.3	332	Y	580	12,500	0.8460		1	2003-12	04924	1980
V	65	1.3			328	Y	564			44.270	1		02583	1977
V	259	2.7	16.4	16.2	329	Y	636	13,507	0.8070	44.540	1	2002-12	01958	1966
X	0	1.2	13.7	11.3	329	Y	643	13,491	0.8550		1	2010-12	04013	1977
X	259	1.8	10.0	25.2	330	Y	653	12,882	0.8230		1	2003-12	04075	1977
D		1.0			332	Y	652			47.650	1	2016-12	08409	1994
												2017-12	08410	1994
D	777		16.3	8.2	330	Y	644	11,493	0.8240		4	2017-12	08410	1994
D	0	0.8			330	Y	646			51.865	2	2010-12	08410	1994
V	64	1.0	15.1	14.3	329	Y	640	11,853	0.7400			2010-12	12234	1999
V	375	0.8			329	Y	643			50.126	5	2017-12	13428	2000
D	259				330	Y	670	14,148	0.8060	44.920	2	2017-12	12674	2000
D	0	3.7	16.0	17.1	342	Y	1,136	16,720	0.8120	18.033	39	2017-12	00244	1957
D	596	3.4			341	Y	1,166				8	2016-12	01519	1964
D	259	12.2	20.6	17.7	333	Y	1,149	13,960	0.8420	41.798	4	2016-12	19882	2005



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	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
8060 STODDART SOUTH										
SIPHON	8	70.0	6	0	5	1	0.891	5	4	1
CECIL - A - PROGRESS PROJECT	SOLN	8	30.0	2	0		0.821	2		
	CAP	40	50.0	20	0	17	0.821	17	14	5
TOTAL GAS	48		22	0	17	5		19	14	5
BELLOY - A	SOLN	23	60.0	14	0	12	0.880	12	10	2
BELLOY - A - ENCAL PROJECT	SOLN	113	22.0	25	0	25	0.885	22	22	0
BELLOY - B		12	25.0	3	0	0	0.872	3	0	3
BELLOY - B - ENCAL PROJECT		126	90.0	113	0	102	0.886	100	91	9
BELLOY - C	SOLN	21	50.0	11	0	0	0.881	9	0	9
BELLOY - C - SCURRY PROJECT	SOLN	12	50.0	6	0	2	0.881	5	1	4
TOTAL FIELD	363		200	0	163	37		175	142	33



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Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
8060 STODDART SOUTH														
D	259				327	Y	524	10,922	0.8270	46.610	1	2011-12	04924	1980
												2016-12	04994	1979
V	259	1.7	9.0	38.1	314	Y	580	12,527	0.6880		1	2016-12	04994	1979
V	66	2.4			342	Y	1,162			43.950	1	2017-12	04559	1978
D		3.4			342	Y	1,162			43.610	6	2017-12	04559	1978
V	130	1.0	9.4	41.6	342	Y	1,170	16,573	0.8070		0	2002-12	04559	1978
V	638	2.1	9.4	41.6	342	Y	1,170	16,573	0.8070		3	2002-12	04559	1978
V	130	2.6			344	Y	1,174				1		04928	1979
V	65	2.8			344	Y	1,174				1		04928	1979

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Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
8100 STODDART WEST										
GETHING - B	198	10.8	21	0	21	0	0.811	17	17	0
GETHING - C	13	90.0	12	0	10	2	0.848	10	9	1
GETHING	7	90.0	7	0	6	1	0.858	6	5	1
DUNLEVY - B	214	90.0	193	0	179	14	0.879	169	157	12
DUNLEVY - D	311	90.0	280	0	21	259	0.880	246	19	227
BALDONNEL - A	135	.9	1	0	1	0	0.861	1	1	0
BALDONNEL - C	SOLN	18	75.0	14	0	12	0.839	12	10	2
BALDONNEL - C - BAYTEX PROJECT	SOLN	28	40.0	11	0	0	0.750	8	0	8
BALDONNEL - E	SOLN	11	50.0	6	0	0	0.802	4	0	4
BALDONNEL		16	80.0	13	0	10	0.864	11	9	2
CECIL - B	SOLN	25	50.0	13	0	0	0.825	10	0	10
CECIL - D		9	80.0	7	0	1	0.899	7	1	6
CECIL - E		105	80.0	84	0	30	0.898	76	27	49
CECIL		20	85.0	17	0	11	0.896	16	10	6
NORTH PINE - C		68	90.6	62	0	62	0.896	55	55	0
NORTH PINE - D - HUNT PROJECT	SOLN	9	65.0	6	0		0.871	5		
	CAP	16	80.0	13	0	15	0.871	11	13	3
TOTAL GAS	25		19	0	15	4		16	13	3
NORTH PINE - E		47	80.0	38	0	0	0.876	33	0	33
BEAR FLAT - A - CUBE PROJECT	SOLN	12	50.0	6	0		0.871	5		
	CAP	30	90.0	27	0	14	0.871	24	12	17
TOTAL GAS	42		33	0	14	19		29	12	17
BEAR FLAT - B		154	80.0	123	0	122	0.847	104	104	0
BEAR FLAT - D	SOLN	7	50.0	3	0	3	0.855	3	2	1
BEAR FLAT - D - DEVON PROJECT	SOLN	36	42.0	15	0	15	0.855	13	13	0
BEAR FLAT - E		42	80.0	33	0	12	0.872	29	10	19
ARTEX - A - SCURRY PROJECT	SOLN	21	90.0	19	0	15	0.736	14	11	3
HALFWAY - A		91	14.2	13	0	13	0.786	10	10	0
HALFWAY - B		408	90.0	367	0	170	0.690	253	117	136
HALFWAY - C		153	90.0	138	0	137	0.698	96	96	0
DOIG - A - BAYTEX PROJECT	SOLN	19	46.0	9	0	8	0.651	6	5	1
DOIG - B - ANDERSON PROJECT	SOLN	105	85.0	89	1	81	0.870	77	71	6

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
8100 STODDART WEST														
X	259	11.5	9.1	40.3	324	Y	351	10,836	0.7790	52.710	1	2002-12	04582	1978
D	264		14.3	21.6	322	Y	372	11,314	0.7930	45.920	1	2014-12	09881	1996
D	0				323	Y	459	9,975	0.8200	44.980	2	2013-12	10540	1997
D	0	3.9	11.8	57.1	325	Y	390	10,208	0.8390	42.370	2	2004-12	06359	1985
V	263	11.6	12.2	25.0	315	Y	181	10,196	0.8270		1		10081	1996
X	259	4.0	18.4	39.9	327	Y	506	11,109	0.8170		1	2010-12	06367	1985
V	65	5.7			329	Y	478			44.454	3	2017-12	24899	2009
V	132	3.9			319	Y	489					2016-12	16629	2003
V	66	3.3			331	Y	511			42.760	1	2008-12	10775	2007
D	259				326	Y	524	11,301	0.8410	43.300	2	2010-12	06284	1985
V	65	1.8			330	Y	576				1	2004-12	04112	1977
V	264	0.7	7.0	40.0	321	Y	564	11,556	0.8540	41.250	1		10577	1997
V	259	2.0	20.5	18.5	326	Y	585	11,847	0.8490	40.740	1		11423	1998
D	259				329	Y	569	12,170	0.7550	41.430	1	2010-12	13164	2000
M	0	1.2	11.2	25.0	326	Y	646	12,715	0.8400		1	2002-12	10577	1997
												2005-12	07576	1999
V	262	0.5	11.2	22.3	333	Y	679	13,276	0.7970	44.840	1	2005-12	07576	1999
V	263	1.1	13.7	18.9	327	N	694	13,326	0.7930	45.470	0	2006-12	17951	2004
													05393	1980
M	0	0.0	0.0	0.0	324	Y	674	16,087	0.7760		1		05393	1980
D	0				335	Y	674	13,547	0.7900	47.420	1	2010-12	04578	1982
D					329	Y	688				2	2017-12	06640	1994
D		1.2			329	Y	688			48.119	5	2017-12	06640	1994
V	259	1.4	16.5	11.3	330	Y	678	7,844	0.8620	44.850	1		12247	1999
X	65	1.9			332	Y	787			41.000	1	2012-12	06648	1987
X	259	1.8	16.7	18.1	330	Y	784	13,583	0.8180	40.285	0	2001-12	02999	1971
M	0	11.8	10.4	36.8	333	Y	790	13,498	0.8040	44.380	1	2012-12	06284	1985
D	264	0.0	11.4	43.4	335	Y	793	12,214	0.8550	45.513	2	2010-12	06739	1987
D		6.1			335	Y	777			53.100	4	2017-12	04008	1977
D	421	2.1			336	Y	857			46.580	5	2017-12	05449	1980

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Field / Pool / Project		1	2	3	4	5	6	7	8	9	10
		Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
8100 STODDART WEST											
DOIG - D - DOMINION EXPERIMENTAL	SOLN	147	50.0	74	0			0.701	52		
	CAP	31	90.0	28	0	- 7	109	0.701	20	- 5	77
	TOTAL GAS	178		102	0	- 7	109		72	- 5	77
DOIG - E - REMINGTON PROJECT	SOLN	1,425	50.0	712	0			0.715	509		
	CAP	408	70.0	286	0	975	23	0.715	204	697	16
	TOTAL GAS	1,833		998	0	975	23		713	697	16
DOIG - H		18	93.0	17	1	15	2	0.528	9	8	1
DOIG		68	70.0	48	0	38	10	0.831	40	31	9
BELLOY - A		1,266	80.0	1,012	3	964	48	0.866	877	835	42
BELLOY - B		140	85.0	119	0	102	17	0.891	106	91	15
BELLOY - C	SOLN	15	50.0	8	0	4	4	0.899	7	4	3
BELLOY - C - PHILLIPS PROJECT	SOLN	167	35.0	58	0			0.859	50		
	CAP	279	50.0	140	0	189	9	0.859	120	163	7
	TOTAL GAS	446		198	0	189	9		170	163	7
BELLOY - C - ANDERSON PROJECT	SOLN	566	90.0	510	5	456	54	0.884	451	403	48
BELLOY - C - PROGRESS PROJECT	SOLN	300	50.0	150	0	103	47	0.875	131	90	41
BELLOY - D		175	8.3	15	0	14	1	0.902	13	13	0
BELLOY - E	SOLN	2	50.0	1	0			0.858	1		
	CAP	330	90.0	297	1	270	28	0.858	254	231	24
	TOTAL GAS	332		298	1	270	28		255	231	24
BELLOY - F		238	80.0	191	0	191	0	0.883	168	168	0
BELLOY - G		46	2.6	1	0	1	0	0.873	1	1	0
BELLOY - H		711	90.0	640	3	603	37	0.847	542	510	32
BELLOY - I		432	90.0	388	0	0	388	0.873	339	0	339
BELLOY - J		76	90.0	68	1	55	13	0.880	60	48	12
BELLOY - K		193	50.0	97	0	9	88	0.888	86	8	78
BELLOY - L - CNRL PROJECT	SOLN	123	80.0	98	3	76	22	0.863	85	66	19
BELLOY - N		70	16.1	11	0	11	0	0.897	10	10	0
BELLOY - P		252	70.0	177	1	170	7	0.876	155	149	6
BELLOY - Q		131	70.0	92	0	15	77	0.886	82	13	69
BELLOY - R		32	80.0	26	1	15	11	0.885	23	13	10

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
8100 STODDART WEST														
V	37	4.0	10.9	9.6	337	Y	825	18,350	0.7190	50.505	4	2014-12	09611	1996
D		7.8	11.2	7.2	338	Y	834	18,580	0.7820	48.695	36	2016-12	09830	1996
M		13.5	7.5	32.0	331	Y	825	13,457		41.790	1	2014-12	12249	1999
D	0				334	Y	823	14,705	0.6950	43.910	1	2013-12	03009	1971
D	0	4.4	12.2	17.4	343	Y	1,184	16,789	0.8320	44.284	3	2010-12	02199	1967
D	0	4.0	14.0	14.0	343	Y	1,156	16,759	0.8590		1	2011-12	01190	1963
D	0	1.8			345	Y	1,179			14.320	1	2017-12	02814	1970
M	0	2.0	10.1	20.7	345	Y	1,166	16,807	0.8160	46.940	15	2017-12	02814	1970
D	0	7.2			345	Y	1,179			42.810	41	2017-12	02814	1970
D	0				345	Y	1,179				6	2016-12	02814	1970
X	259	4.6	13.7	30.9	346	Y	1,156	15,796	0.8380	40.932	1	2010-12	02777	1970
D	0	4.3	12.2	30.0	344	Y	1,174	16,470	0.8566	42.720	2	2012-12	06739	1987
												2012-12	06163	1985
V	816	4.5	7.3	32.2	343	Y	1,156	15,880	0.8370	42.913	3	2016-12	06431	1985
X	259	2.5	8.9	51.9	344	Y	1,197	16,877	0.8370	42.440	1	2002-12	05438	1980
D	0	3.7	13.0	12.2	346	Y	1,172	16,869	0.8410	44.641	2	2013-12	02338	1968
V	518	3.4	17.3	12.0	346	Y	1,158	16,490	0.8420	39.180	1		03009	1971
V	259	3.1	8.9	35.5	345	Y	1,127	16,835	0.8410		1	2006-12	02780	1970
V	264	4.3	14.3	27.6	345	Y	1,182	16,892	0.8470	42.770	1	2002-12	05960	1984
D	455				344	Y	1,194			43.107	7	2017-12	02814	1970
X	259	3.0	10.1	36.1	350	Y	1,162	15,078	0.8740	41.690	1	2010-12	04629	1979
M			10.4	15.2	340	Y	1,189	16,800	0.8050	43.466	2	2017-12	02786	1970
V	259	1.6	21.2	12.9	344	Y	1,238	17,639	0.8490	42.790	1	2010-12	23967	2008
V	259	1.3	10.0	40.0	344	Y	1,181	16,503	0.8540	41.720	1	2012-12	26555	2010

Field / Pool / Project	1 Original Gas In Place 10E6 m3	2 Recovery Factor %	3 Initial Reserves (Raw) 10E6 m3	4 Annual Prod (Raw) 10E6 m3	5 Cumul Prod (Raw) 10E6 m3	6 Remaining Reserves (Raw) 10E6 m3	7 Shrink Factor	8 Initial Reserves (Mktble) 10E6 m3	9 Cumul. Prod (Mktble) 10E6 m3	10 Remain'g Reserves (Mktble) 10E6 m3
8100 STODDART WEST										
TOTAL FIELD	9,969		6,904	20	5,238	1,666		5,726	4,331	1,395
8105 STONE CREEK										
PARDONET-BALDONNEL - A	1,007	50.0	503	0	1	502	0.836	421	1	420
TOTAL FIELD	1,007		503	0	1	502		421	1	420
8110 SUKUNKA										
PARDONET-BALDONNEL - A - TALISMAN PROJECT	883	77.9	688	0	687	1	0.688	473	473	0
PARDONET-BALDONNEL - B - TALISMAN PROJECT	816	90.0	734	0	669	65	0.534	392	357	35
PARDONET-BALDONNEL - C - TALISMAN PROJECT	1,469	70.0	1,028	0	833	195	0.567	583	472	111
PARDONET-BALDONNEL - D	1,007	80.0	806	0	533	273	0.518	418	276	142
PARDONET-BALDONNEL - E	10,793	80.0	8,635	46	7,513	1,122	0.790	6,821	5,935	886
PARDONET-BALDONNEL - F	604	35.0	211	0	76	135	0.331	70	25	45
PARDONET-BALDONNEL - G	707	60.0	424	0	377	47	0.787	334	297	37
PARDONET-BALDONNEL - H	1,830	70.0	1,281	0	261	1,020	0.639	819	167	652
PARDONET-BALDONNEL - I	1,316	70.0	921	0	1	920	0.457	421	0	421
PARDONET-BALDONNEL - J - TALISMAN PROJECT	1,677	90.0	1,509	0	1,337	172	0.682	1,030	913	117
PARDONET-BALDONNEL - L	3,214	75.0	2,410	0	2,409	1	0.631	1,520	1,520	0
PARDONET-BALDONNEL - M	3,082	85.0	2,620	0	2,485	135	0.742	1,943	1,843	100
PARDONET-BALDONNEL - O	119	85.0	101	0	0	101	0.788	80	0	80
PARDONET-BALDONNEL - P	5,032	75.0	3,774	51	2,962	812	0.596	2,248	1,764	484
PARDONET-BALDONNEL - Q	837	90.0	754	0	217	537	0.547	412	119	293
PARDONET-BALDONNEL - U	1,757	90.0	1,581	0	776	805	0.645	1,020	501	519
PARDONET-BALDONNEL - V	759	70.0	532	0	139	393	0.682	362	94	268
PARDONET-BALDONNEL - W	338	90.0	304	0	215	89	0.667	203	144	59
PARDONET-BALDONNEL - X	899	80.0	719	0	573	146	0.803	577	460	117
PARDONET-BALDONNEL - Y	1,169	90.0	1,052	0	628	424	0.551	580	346	234
BELCOURT-TAYLOR FLAT - A	2,332	90.0	2,099	71	1,134	965	0.757	1,590	859	731
TAYLOR FLAT - A	814	90.0	733	9	484	249	0.861	631	416	215
TAYLOR FLAT - B	798	90.0	718	0	1	717	0.843	605	1	604
TOTAL FIELD	42,252		33,634	177	24,310	9,324		23,132	16,982	6,150

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
8100 STODDART WEST														
8105 STONE CREEK														
V	264	51.0	3.9	21.9	377	Y	2,458	31,564	0.9700		0	2012-12	04572	1980
8110 SUKUNKA														
X	0	97.7	3.0	37.5	356	Y	1,927	31,730	0.9270	37.357	1		03793	1977
M	0	91.4	2.0	50.0	369	Y	2,130	32,116	0.8711	37.520	1	2010-12	03611	1975
M	0	63.6	3.0	38.3	358	Y	1,777	31,592	0.9120	37.700	1	2008-12	03658	1976
M	0	14.9	4.4	32.3	377	Y	2,243	32,564	0.8710		1	2010-12	06352	1986
D		131.2	4.1	19.3	341	Y	1,273	27,855	0.8930	33.212	4	2017-12	04431	1979
M	0	18.6	4.4	25.7	383	Y	2,752	34,711	0.8440	37.400	1		05874	1984
D		27.3	4.3	14.6	349	Y	1,536	27,927	0.9240	37.720	2	2014-12	07394	1991
V	552	40.7	3.4	8.0	364	Y	1,979	34,000	1.0200	37.910	1		07712	1991
V	295	28.5	5.7	11.0	363	Y	2,103	32,526	0.8260	37.500	1	2012-12	07431	1991
D	0	84.0	1.6	25.0	355	Y	1,810	31,730	0.9290	37.610	1	2010-12	01517	1965
D		52.8	3.1	9.0	363	Y	2,066	35,665	0.9930	37.490	2	2017-12	07906	1992
D	0	24.8	5.7	9.8	342	Y	1,368	25,370	0.8850	37.577	2	2003-12	08090	1993
V	294	4.1	4.1	5.0	357	Y	1,723	30,300	0.9500	37.700	1		08126	1994
D	0	49.5	3.4	11.0	350	Y	1,435	30,212	0.8640	29.500	1	2010-12	08229	1994
V	294	24.1	4.6	16.0	373	Y	2,420	37,463	0.9340	37.630	1		08427	1994
D	0	21.7	2.2	10.0	359	Y	1,941	33,795	0.9260	37.690	1	2014-12	09685	1996
V	295	25.0	4.5	12.0	368	Y	2,118	31,525	0.9370	37.720	1		10339	1997
D	0	16.1	2.4	8.0	373	Y	2,333	34,274	0.9560	37.600	1	2004-12	11546	2001
D		25.0	4.0	10.0	347	Y	1,529	27,796	0.8810	37.700	1	2015-12	11956	2002
V	295	35.0	5.0	20.0	366	Y	2,105	31,177	0.8560	37.700	1	2006-12	17585	2004
D		32.0	4.6	17.0	408	Y	3,874	53,886	1.1940	32.420	1	2013-12	23862	2008
V	295	63.2	1.5	10.0	374	Y	3,105	50,155	1.1790	35.220	2	2007-12	12196	2002
V	970	14.6	2.0	10.0	387	Y	3,142	49,949	1.1730	37.290	1	2011-12	15036	2003

**Pool Reserve Report - Gas
As of December 31, 2017**

2019APR05
PIMS8320

Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
8115 SUNDOWN										
CADOTTE - A	2,281	90.0	2,053	6	1,964	89	0.745	1,529	1,463	66
CADOTTE - C	494	90.0	445	3	339	106	0.744	331	253	78
CADOTTE - D	22	90.0	19	1	15	4	0.740	14	11	3
CADOTTE - E	58	27.5	16	0	16	0	0.742	12	12	0
CADOTTE - F	2,059	90.0	1,853	11	1,376	477	0.740	1,371	1,018	353
FALHER A - B	29	85.0	25	0	0	25	0.638	16	0	16
FALHER B	24	90.0	21	1	14	7	0.747	16	10	6
GETHING - C	19	80.0	15	0	14	1	0.888	13	12	1
GETHING - D	21	80.0	17	1	10	7	0.937	16	10	6
GETHING	15	80.0	12	0	0	12	0.924	11	0	11
NIKANASSIN	44	90.0	39	0	0	39	0.704	28	0	28
HALFWAY - A	787	1.0	8	0	0	8	0.654	5	0	5
DOIG - A	1,169	85.0	993	0	209	784	0.732	727	153	574
DOIG - D	1,571	70.0	1,099	68	713	386	0.875	962	624	338
DOIG - E	89	90.0	80	0	0	80	0.724	58	0	58
DOIG - F	1,961	90.0	1,765	51	800	965	0.872	1,538	697	841
DOIG - H	150	80.0	120	0	0	120	0.698	84	0	84
DOIG - J	89	80.0	71	0	0	71	0.739	53	0	53
DOIG - K	13	80.0	11	0	3	8	0.907	10	2	8
DOIG - L	117	80.0	93	1	23	70	0.783	73	18	55
DOIG - O	78	90.0	71	0	38	33	0.832	59	32	27
TOTAL FIELD	11,090		8,826	143	5,534	3,292		6,926	4,315	2,611
8120 SUNRISE										
PADDY - B	137	50.0	68	0	67	1	0.698	48	47	1
CADOTTE - A	698	20.0	140	0	75	65	0.715	100	54	46
DOIG - A	801	90.0	721	0	540	181	0.851	614	460	154
DOIG PHOSPHATE BEDS - A	243	70.0	170	0	13	157	0.754	128	10	118
TOTAL FIELD	1,879		1,099	0	695	404		890	571	319

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
8115 SUNDOWN														
D	0	6.1	6.9	33.9	335	Y	791	12,304	0.8510		5	2006-12	05708	1982
V	1,470	3.6	10.3	32.7	339	Y	864	13,761	0.8570	41.548	6	2005-12	15317	2003
D		3.8	9.6	34.0	336	Y	771	12,268	0.8460	43.010	1	2014-12	16149	2003
X	294	3.5	10.3	53.5	339	Y	829	12,043	0.8580	42.370	1	2010-12	16157	2003
M		4.8	10.6	21.3	338	Y	764	11,252	0.8540	42.529	6	2013-12	17723	2004
V	293	2.5	10.5	36.0	340	N	839	6,395	0.9010	37.980	0	2011-12	20969	2006
D					343	Y	949	13,235	0.8660		1	2014-12	17474	2004
V	259	3.2	11.0	60.0	335	Y	819	19,619	0.8550		1	2016-12	25863	2010
D		2.1	10.1	74.0	337	Y	883	19,647	0.8610	40.920	1	2015-12	24594	2009
D					337	Y	879	19,647	0.8590		0	2013-12	24594	2009
D	294				359	Y	1,664	25,377	0.9400		0	2010-12	21458	2006
V	293	11.3	12.5	12.5	401	N	2,068	30,309	0.9890		0	2014-12	03231	1978
V	2,323	3.2	7.7	24.3	376	Y	2,144	37,876	1.0620	37.804	12	2008-12	16310	2003
V	1,704	5.9	7.0	9.3	368	Y	1,864	31,648	0.9940	36.968	9	2017-12	21279	2006
V	292	4.5	4.7	38.0	371	Y	1,953	29,775	0.9870	38.470	1	2012-12	21998	2007
M		5.3	7.3	11.7	372	Y	1,941	31,178	0.9960	36.222	2	2011-12	23269	2007
V	130	9.9	6.3	24.0	371	N	2,185	31,722	1.0000		0	2009-12	21544	2007
V	259	1.8	8.8	9.0	372	N	1,815	31,153	0.9980	38.590	0	2009-12	24318	2008
V	259	0.7	5.6	44.0	372	Y	1,739	30,867	0.9960		1	2012-12	24200	2008
V	130	4.9	8.7	12.3	372	Y	1,682	30,787	0.9810	37.870	1	2012-12	24334	2008
D		5.8	8.6	9.0	376	Y	2,032	33,043	1.0070	37.820	1	2014-12	24747	2009
8120 SUNRISE														
V	987	3.1	15.4	38.3	309	Y	33	4,720	0.9220	38.396	9	2011-12	04604	1978
V	10,765	1.2	23.4	54.0	310	Y	106	5,033	0.9200	38.087	3		00017	1951
D	1,632		7.8	27.4	342	Y	1,318	20,238	0.8380	42.178	14	2016-12	20435	2006
V	902	1.2	10.2	17.5	349	Y	1,396	30,500	0.9300	42.299	3	2010-12	23809	2008

Field / Pool / Project	1	2	3	4	5	6	7	8	9	10	
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3	
8130 SUNSET PRAIRIE											
CECIL - A - IMPERIAL PROJECT	SOLN	160	70.0	112	0	85	27	0.832	93	71	22
CECIL - C - IMPERIAL PROJECT	SOLN	77	50.0	39	0	23	16	0.887	34	21	13
CECIL - D - IMPERIAL PROJECT	SOLN	76	50.0	38	0	1	37	0.799	30	1	29
CECIL - D - DUVERNAY PROJECT		238	80.0	190	0	77	113	0.880	168	68	100
NORTH PINE - A		113	25.0	28	0	0	28	0.749	21	0	21
DOIG - A		93	3.0	3	0	2	1	0.881	2	2	0
DOIG - B		202	90.0	182	0	66	116	0.875	159	58	101
DOIG - C		22	85.0	19	1	15	4	0.918	17	14	3
TOTAL FIELD		981		611	1	269	342		524	235	289
8135 SWAN LAKE											
BLUESKY		56	90.0	50	0	40	10	0.729	36	29	7
NIKANASSIN - B		56	25.0	14	0	4	10	0.713	10	3	7
DUNLEVY - A		219	80.0	175	0	4	171	0.700	123	3	120
HALFWAY - A		198	90.0	178	0	32	146	0.662	118	21	97
HALFWAY - C		97	80.0	77	0	0	77	0.554	43	0	43
DOIG - A		93	13.0	12	0	12	0	0.745	9	9	0
DOIG - B		114	80.0	91	0	0	91	0.554	51	0	51
DOIG - C		18	80.0	15	0	14	1	0.747	11	11	0
KISKATINAW - A		281	80.0	225	0	48	177	0.741	167	35	132
TOTAL FIELD		1,132		837	0	154	683		568	111	457
8137 TATTOO											
MATTSON - A		66	90.0	60	0	58	2	0.761	45	45	0
MATTSON - B		289	90.0	260	0	238	22	0.812	211	193	18
MATTSON - C		17	70.0	12	0	11	1	0.817	10	9	1
MATTSON - D		75	90.0	68	0	27	41	0.819	55	22	33
MATTSON - E		58	1.8	1	0	1	0	0.813	1	1	0
MATTSON - F		9	80.0	7	0	6	1	0.796	6	4	2
MATTSON - G		1	80.0	1	0	1	0	0.788	1	1	0
MATTSON - H		31	90.0	28	0	7	21	0.788	22	6	16
DEBOLT - A		123	90.0	111	0	32	79	0.831	92	27	65
DEBOLT		10	80.0	8	0	5	3	0.832	6	5	1
TOTAL FIELD		679		556	0	386	170		449	313	136

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
8130 SUNSET PRAIRIE														
D	0	1.3			339	Y	999			48.857	11	2009-12	07640	1991
D	0	0.9			340	Y	1,119				4	2007-12	08767	1994
D	0	1.1			334	Y	891			52.340	2	2005-12	09410	1995
V	528	1.6	14.6	8.0	333	Y	849	20,626	0.8400	43.161	4	2007-12	09140	1995
V	259	1.9	12.7	4.9	338	N	1,123	18,002	0.8000			2003-12	07734	1991
V	256	3.8	4.9	33.5	312	Y		27,942	0.8670	42.813	3	2013-12	20101	2006
V	259	5.0	13.9	57.9	344	Y	1,388	29,756	0.9230	44.770	1	2007-12	21135	2006
D	136	8.0	8.2	11.3	347	Y	1,559	31,857	0.9650	41.850	2	2016-12	24241	2008
8135 SWAN LAKE														
D	294				345	Y	1,072	14,003	0.8710	41.470	1	2010-12	10522	1997
V	177	2.4	10.1	28.0	344	Y	1,152	17,424	0.8010	42.260	1	2014-12	22835	2007
V	259	6.9	9.8	25.3	324	Y	1,092	15,884	0.8330	41.920	1	2010-12	06293	1985
V	293	10.1	5.1	34.3	363	Y	1,675	23,573	0.9260		1		06096	1984
V	292	2.2	11.7	35.5	358	N	1,548	21,950	0.8730	33.670	0	2002-12	11497	1998
V	293	1.8	8.6	14.2	361	Y	1,753	29,590	0.9720	39.890	1	2017-12	06293	1985
V	292	2.6	12.0	35.0	358	N	1,590	21,145	0.8700		0	2002-12	11497	1998
V	293	1.9	5.8	12.0	361	Y	1,620	29,507	0.9760	38.660	1	2016-12	21368	2006
V	200	15.5	4.5	23.0	391	Y	2,256	38,486	1.0700		1		04854	1979
8137 TATTOO														
D	522		14.8	66.0	342	Y	228	6,693	0.9270	37.434	2	2009-12	03291	1974
D	0	3.7	16.5	35.7	294	Y	76	3,656	0.9280	35.880	3	2010-12	03432	1974
D	783	0.0	16.5	41.3	296	Y	95	3,461	0.9010	37.700	2	2010-12	03432	1974
V	261	8.9	15.9	43.0	296	Y	102	3,461	0.9330	37.670	1	2004-12	13243	2000
X	262	7.6	13.3	43.5	300	Y	72	3,834	0.9300	37.790	1	2011-12	03425	1974
D	522		13.5	25.0	295	Y	62	3,842	0.9260	37.870	2	2010-12	12942	2000
D	301		13.8	34.0	299	Y		2,085	0.9410		1	2012-12	20943	2006
V	262	7.1	13.8	42.0	299	Y	108	2,078	0.9610	36.840	1	2007-12	21021	2006
V	261	13.5	9.5	11.0	302	Y	32	4,072	0.9290	37.539	2	2003-12	13066	2001
D					299	Y	8	4,178	0.9250		1	2010-12	20628	2006

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Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
8140 THETLAANDOA										
BLUESKY - A	7	80.0	6	0	3	3	0.788	5	3	2
DEBOLT - A	3,521	90.0	3,169	20	3,003	166	0.769	2,438	2,310	128
DEBOLT - C	1,139	80.0	911	12	628	283	0.796	725	500	225
DEBOLT - D	184	90.0	166	1	149	17	0.781	129	117	12
DEBOLT - F	375	90.0	337	6	313	24	0.769	259	241	18
DEBOLT - G	608	90.0	547	3	272	275	0.780	427	212	215
DEBOLT - H	236	90.0	212	4	178	34	0.750	159	133	26
DEBOLT - I	127	90.0	114	3	98	16	0.747	85	73	12
DEBOLT - J	22	90.0	20	0	17	3	0.761	15	13	2
DEBOLT - K	141	90.0	127	2	52	75	0.761	96	40	56
DEBOLT - L	290	90.0	261	13	181	80	0.779	203	141	62
DEBOLT - M	41	90.0	37	2	27	10	0.761	28	21	7
DEBOLT	78	90.0	70	3	59	11	0.741	52	44	8
BANFF - B	SOLN	50.0	3	0	0	3	0.859	2	0	2
TOTAL FIELD	6,774		5,980	69	4,980	1,000		4,623	3,848	775
8144 THETLAANDOA NORTH										
DEBOLT - A	111	50.0	55	1	49	6	0.734	41	36	5
TOTAL FIELD	111		55	1	49	6		41	36	5
8147 THUNDER MOUNTAIN										
LOWER CHARLIE LAKE SANDS - A	113	1.3	1	0	1	0	0.749	1	1	0
TOTAL FIELD	113		1	0	1	0		1	1	0

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
8140 THETLAANDOA														
V	263	1.0	15.7	58.9	288	Y	82	4,031	0.9150	37.730	1	2012-12	13450	2001
D	0	7.1	11.2	40.4	300	Y	74	4,004	0.9260	37.564	20	2012-12	03322	1973
D		4.8	15.0	34.5	307	Y	79	3,742	0.9310	37.583	9	2013-12	16940	2004
D	0	3.0	16.5	36.5	300	Y	84	4,012	0.9260	37.560	3	2008-12	03481	1974
V	1,083	0.0	15.4	45.4	299	Y	78	4,128	0.9230	37.760	3	2012-12	13462	2002
D	1,584	0.0	14.5	38.9	305	Y	94	3,808	0.9310	37.510	6	2010-12	14511	2003
D		1.3	16.6	35.9	304	Y	104	3,641	0.9350	37.180	2	2016-12	15224	2003
D		6.3	14.1	31.0	305	Y	105	3,638	0.9350		1	2012-12	17056	2004
V	586	1.2	14.7	45.6	300	Y	81	3,909	0.9270	37.754	3	2012-12	12873	2000
D		2.1	13.1	46.1	299	Y	86	3,114	0.9410		1	2012-12	15266	2003
D		7.4	20.1	53.8	303	Y	98	3,676	0.9440	37.740	1	2011-12	19173	2006
V	262	7.0	8.9	36.8	297	Y		3,877	0.9250		1	2012-12	12847	2003
D					307	Y	75	3,396	0.9390	38.110	1	2010-12	13857	2001
V	65	1.0			307	Y	82			58.500	1	2012-12	19225	2006
8144 THETLAANDOA NORTH														
D	263		10.6	51.9	297	Y	80	3,921	0.9220	37.850	1	2012-12	03416	1973
8147 THUNDER MOUNTAIN														
X	297	3.0	5.0	21.8	413	Y	2,672	56,560	1.2000		1	2010-12	04449	1979

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	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
8150 TOMMY LAKES										
BLUESKY - A	816	80.0	653	5	337	316	0.820	536	277	259
BLUESKY - C	51	80.0	41	1	36	5	0.803	33	29	4
BLUESKY - D	78	80.0	63	0	28	35	0.814	51	23	28
BLUESKY - E	23	80.0	18	0	0	18	0.820	15	0	15
BLUESKY	1	80.0	1	0	1	0	0.803	1	1	0
BLUESKY-GETHING - A	64	90.0	58	1	38	20	0.812	47	31	16
CHARLIE LAKE - A	17	80.0	14	0	0	14	0.726	10	0	10
TRUTCH CREEK - B	85	80.0	68	0	0	68	0.819	56	0	56
ARTEX - A	31	45.0	14	0	12	2	0.770	11	9	2
ARTEX/HALFWAY - A	570	80.0	456	0	136	320	0.783	357	107	250
ARTEX/HALFWAY - B	367	80.0	293	5	80	213	0.816	239	65	174
ARTEX/HALFWAY - D	183	90.0	165	0	9	156	0.820	135	7	128
HALFWAY - A	15,595	70.0	10,917	175	9,022	1,895	0.791	8,633	7,134	1,499
DOIG - A	234	90.0	210	4	192	18	0.812	171	156	15
DOIG - B	161	70.0	113	1	107	6	0.902	102	96	6
DOIG - D	19	82.0	15	0	15	0	0.811	13	12	1
DOIG - E	66	90.0	60	1	34	26	0.797	47	27	20
DEBOLT - A	13	90.0	12	0	12	0	0.827	10	10	0
TOTAL FIELD	18,374		13,171	193	10,059	3,112		10,467	7,984	2,483
8157 TOWER LAKE										
CHARLIE LAKE - A	35	90.0	31	2	27	4	0.716	22	19	3
PINGEL - A	43	10.8	5	0	5	0	0.883	4	4	0
HALFWAY - A	260	90.0	234	0	232	2	0.668	156	155	1
DOIG - A	69	90.0	62	0	50	12	0.805	50	40	10
BELLOY - A	410	80.0	328	0	168	160	0.888	291	149	142
TAYLOR FLAT - A	14	80.0	11	0	8	3	0.768	9	6	3
TAYLOR FLAT - C	14	70.0	10	0	7	3	0.790	8	6	2
KISKATINAW - A	8	80.0	7	0	6	1	0.907	6	6	0
TOTAL FIELD	853		688	2	503	185		546	385	161

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
8150 TOMMY LAKES														
D	0	1.7	13.5	26.8	329	Y	343	5,575	0.9090	42.912	5	2012-12	05226	1980
V	554	1.5	13.6	21.6	328	Y	330	5,944	0.8970	42.360	3	2007-12	06210	1996
D	0	1.2	14.5	30.0	326	Y	233	7,050	0.8900		1	2010-12	18914	2006
V	277	1.5	11.9	33.4	329	N	281	7,054	0.8880	43.470	0	2009-12	23200	2007
D						Y				42.360	1	2013-12	05093	
V	556	2.6	9.2	33.6	327	Y	320	5,070	0.9080	43.960	3	2016-12	18424	2005
V	276	1.1	10.8	25.0	328	Y	273	6,869	0.8640	45.860	1	2012-12	18575	2007
V	278	3.0	17.6	5.0	323	N	413	6,230	0.8960	43.950	0		09556	1996
V	268	1.7	12.9	12.1	330	Y	366	6,224	0.8910	41.760	1	2017-12	09059	1995
V	1,692	6.1	9.9	22.3	326	Y	332	7,524	0.9150	41.913	12	2010-12	13968	2004
V	838	6.7	11.0	14.9	329	Y	339	7,092	0.8790	45.170	5	2009-12	20093	2005
V	611	8.0	8.1	21.9	330	Y	396	6,076	0.8850	46.140	1	2010-12	05281	1980
D	68,775		10.9	24.5	324	Y	373	5,989	0.8890	43.193	203	2015-12	00566	1960
V	768	5.8	11.9	8.9	326	Y	379	5,075	0.9150	41.309	7		09054	1995
D		0.5	9.2	*****	325	Y	383	5,266	0.9050	44.560	1	2015-12	08941	1995
V	277	2.0	8.2	22.0	316	Y	396	5,301	0.8980	41.300	1	2017-12	11053	1998
V	278	5.0	13.5	25.3	330	Y	410	5,014	0.9150	43.060	1	2008-12	18423	2005
X	0	0.0	16.9	11.7	340	Y	676	13,547	0.8460	43.300	1	2012-12	13968	2001
8157 TOWER LAKE														
V	259	0.9	14.6	35.0	333	Y	937	15,725	0.8520	40.600	1	2010-12	20300	2005
X	259	1.5	10.0	25.0	334	Y	894	14,686	0.8480		0	2010-12	00036	1952
D		4.5	10.2	39.7	349	Y	992	15,953	0.8540	42.314	10	2016-12	07752	1991
D	518		9.5	46.1	339	Y	1,112	17,520	0.8100	45.220	2	2016-12	18308	2004
D	591		9.1	33.5	294	Y	1,445	21,005	0.7450	41.602	3	2016-12	05673	2005
D	259		10.5	53.9	350	Y	1,610	22,749	0.8680	37.950	1	2009-12	05673	2005
D	259		8.7	49.0	350	Y	1,539	22,664	0.8820		1	2009-12	20155	2005
D	259		9.5	17.1	362	Y	1,971	25,950	0.9540	37.980	1	2009-12	20897	2006

Field / Pool / Project	1 Original Gas In Place 10E6 m3	2 Recovery Factor %	3 Initial Reserves (Raw) 10E6 m3	4 Annual Prod (Raw) 10E6 m3	5 Cumul Prod (Raw) 10E6 m3	6 Remaining Reserves (Raw) 10E6 m3	7 Shrink Factor	8 Initial Reserves (Mktble) 10E6 m3	9 Cumul. Prod (Mktble) 10E6 m3	10 Remain'g Reserves (Mktble) 10E6 m3
8160 TOWN										
BLUESKY - A	235	90.0	212	4	118	94	0.877	186	104	82
BLUESKY - B	237	80.0	189	0	151	38	0.875	166	132	34
BLUESKY - C	478	90.0	430	6	206	224	0.839	361	173	188
BLUESKY - D	292	55.0	161	1	154	7	0.856	138	131	7
BLUESKY - E	59	80.0	47	2	40	7	0.784	37	31	6
BLUESKY - F	48	80.0	39	1	5	34	0.790	30	4	26
BLUESKY - G	549	90.0	494	14	249	245	0.865	428	215	213
GETHING - A	443	90.0	399	7	139	260	0.802	320	111	209
GETHING - B	22	90.0	20	0	9	11	0.852	17	7	10
GETHING - C	38	80.0	30	1	14	16	0.877	26	13	13
GETHING - D	56	10.0	6	0	2	4	0.704	4	2	2
GETHING - E	2	50.0	1	0	1	0	0.889	1	1	0
BALDONNEL - A - PROGRESS PROJECT	239	35.0	84	0	80	4	0.877	73	70	3
HALFWAY - A	1,478	90.0	1,330	13	1,163	167	0.844	1,123	982	141
HALFWAY - B	5	70.0	4	0	2	2	0.782	3	2	1
TOTAL FIELD	4,181		3,446	49	2,333	1,113		2,913	1,978	935
8170 TOWNSEND										
COPLIN - A	19	13.3	3	0	3	0	0.880	2	2	0
HALFWAY - A	290	90.0	261	0	161	100	0.895	234	144	90
DEBOLT - A	172	12.6	22	0	17	5	0.895	19	15	4
TOTAL FIELD	481		286	0	181	105		255	161	94
8180 TSEA										
JEAN MARIE - A	1,069	90.0	962	15	547	415	0.832	801	455	346
SLAVE POINT - A	514	10.3	53	0	53	0	0.719	38	38	0
SLAVE POINT - B	662	40.2	266	0	265	1	0.730	194	194	0
SLAVE POINT - C	1,228	65.0	798	0	467	331	0.728	581	340	241
SLAVE POINT - D	137	65.0	89	0	0	89	0.726	64	0	64
SLAVE POINT - E	234	65.0	152	0	126	26	0.716	109	90	19
PINE POINT - A	89	80.0	71	0	0	71	0.723	51	0	51
TOTAL FIELD	3,933		2,391	15	1,458	933		1,838	1,117	721

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
8160 TOWN														
V	283	5.2	17.1	12.0	330	Y	370	10,529	0.8550	42.090	1	2006-12	17891	2004
D	0	2.9	16.8	15.0	331	Y	327	10,387	0.8600	41.980	1	2012-12	08713	1994
V	1,692	0.0	11.7	31.4	322	Y	326	10,787	0.8610	42.175	7	2010-12	16728	2004
D		3.6	13.0	30.5	333	Y	382	10,392	0.8740	41.952	8	2017-12	19424	2005
V	419	1.4	11.7	25.7	332	Y	293	11,358	0.8410	41.559	4	2008-12	19506	2007
V	280	1.9	13.1	32.0	333	Y	342	10,484	0.8810		1	2012-12	21308	2006
D	282		17.1	13.4	332	Y	371	10,379	0.8710	41.410	1	2011-12	24871	2010
V	1,189	5.2	8.7	21.5	333	Y	357	10,644	0.8660	40.476	6	2012-12	18511	2005
D	566		9.4	58.9	315	Y	400	11,376	0.8160		2	2011-12	19294	2005
V	282	1.4	11.6	20.0	335	Y	388	10,414	0.8630	42.360	1	2008-12	21308	2006
V	283	2.3	9.8	30.0	315	Y	425	11,376	0.8160	41.390	1	2009-12	19294	2005
D		4.8	9.8	46.0		Y				42.900	1	2013-12	19811	2005
M	0	5.1	7.5	28.3	337	Y	481	11,900	0.8500	41.903	4	2005-12	03753	1976
D	0	7.0	10.0	23.2	342	Y	745	13,701	0.8717	41.673	28	2012-12	00315	1958
D	283		9.7	34.4	343	Y	796	13,730	0.8380	41.840	1	2011-12	16746	2004
8170 TOWNSEND														
X	201	0.7	12.2	37.0	334	Y	828	17,304	0.8220	41.036	2	2012-12	03983	1977
M	0	1.3	5.4	27.4	336	Y	1,058	17,789	0.8580	40.563	2	2009-12	03983	1977
V	259	4.9	8.8	17.8	351	Y	1,478	20,146	0.8730		1	2012-12	03983	1977
8180 TSEA														
V	4,914	6.8	7.4	31.9	363	Y	969	7,561	0.9330	38.097	20	2009-12	03844	1993
X	313	18.3	7.3	10.6	397	Y	1,481	18,247	0.9510	14.059	2	2010-12	00704	1961
V	404	19.0	6.8	11.4	397	Y	1,509	18,997	0.9510		1		01426	1964
V	524	20.9	9.5	17.9	395	Y	1,496	18,868	0.9450		2	2007-12	04376	1980
V	262	8.0	5.2	15.0	396	N	1,518	19,245	0.9380	37.300	0		06822	1988
D	262	0.0	7.9	15.0	398	Y	1,507	18,489	0.9440	32.110	1	2010-12	08551	1994
V	262	3.0	9.1	10.4	399	N	1,526	18,499	0.9490		1	2014-12	07050	1989



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8190 TUPPER CREEK										
PADDY - A	575	90.0	518	4	357	161	0.747	386	267	119
PADDY - C	242	75.0	181	1	170	11	0.747	135	127	8
PADDY - D	275	25.0	69	0	36	33	0.748	51	27	24
PADDY - E	45	90.0	40	1	33	7	0.749	30	24	6
PADDY - F	87	90.0	78	0	62	16	0.748	59	46	13
PADDY - G	80	92.0	74	1	70	4	0.744	55	52	3
PADDY - H	244	75.0	183	2	129	54	0.746	137	96	41
PADDY - I	276	90.0	248	0	170	78	0.748	186	127	59
PADDY - J	275	80.0	220	0	198	22	0.746	164	148	16
PADDY - K	240	90.0	216	3	130	86	0.745	161	97	64
PADDY	11	80.0	9	0	6	3	0.748	7	5	2
CADOTTE - A	27	80.0	21	0	0	21	0.748	16	0	16
TOTAL FIELD	2,377		1,857	12	1,361	496		1,387	1,016	371

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
8190	TUPPER CREEK													
D	0	3.8	14.8	11.3	333	Y	672	10,035	0.8682	41.570	3	2012-12	07700	1991
D	0	9.2	10.7	13.4	328	Y	623	9,946	0.8610		1	2011-12	07728	1991
V	293	6.0	17.0	7.8	328	Y	581	9,851	0.8560	41.670	1	2003-12	07780	1991
D	0	0.0	12.0	22.0	331	Y	610	9,608	0.8689	41.560	1	2012-12	07949	1992
V	293	3.1	12.0	22.0	327	Y	583	9,892	0.8400	43.370	1		08752	1994
D	588		14.7	12.5	333	Y	724	10,100	0.8720	41.240	2	2017-12	10789	1997
V	294	9.1	10.2	14.0	335	Y	749	10,584	0.8630		1		07770	1991
V	618	3.8	13.9	15.0	328	Y	654	9,910	0.8640	41.119	4	2006-12	13309	2000
D		3.0	13.0	20.6	332	Y	702	10,134	0.8680	41.421	2	2006-12	14305	2001
D			12.4	13.3	336	Y	683	10,525	0.8630	41.120	2	2012-12	07948	1992
D					331	Y	685	9,321	0.8650	42.480	1	2009-12	14376	2002
V	294	1.3	10.2	40.6	332	N	682	11,372	0.8400		0	2002-12	13494	2001

Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
8200 TWO RIVERS										
BLUESKY - A	38	80.0	31	0	13	18	0.816	25	10	15
CADOMIN	54	90.0	48	0	19	29	0.921	45	18	27
NIKANASSIN - A	94	80.0	75	0	7	68	0.888	67	6	61
BALDONNEL - A	87	85.0	74	0	74	0	0.827	61	61	0
BALDONNEL - B	30	80.0	24	0	24	0	0.811	20	19	1
SIPHON - A - PROGRESS PROJECT										
	SOLN	106	50.0	53	0		0.810	43		
	CAP	137	80.0	109	0	162	0.810	89	132	0
	TOTAL GAS	243		162	0	162		132	132	0
HALFWAY - A	815	86.7	706	0	706	0	0.837	592	591	1
HALFWAY - C	126	90.0	113	0	78	35	0.860	97	67	30
HALFWAY - E	172	90.0	155	0	47	108	0.852	132	40	92
HALFWAY - G	67	90.0	60	0	34	26	0.855	51	29	22
MONTNEY - A										
	SOLN	33	3.0	1	0	1	0.880	1	1	0
BELLOY	10	70.0	7	0	7	0	0.885	6	6	0
BASAL KISKATINAW - A	231	65.0	150	0	138	12	0.986	148	136	12
BASAL KISKATINAW - B	108	2.7	3	0	3	0	0.830	2	2	0
BASAL KISKATINAW - D	191	90.0	172	0	25	147	0.829	143	21	122
WABAMUN - B	389	90.0	350	0	0	350	0.841	294	0	294
WABAMUN - C	469	80.0	375	0	4	371	0.846	317	3	314
	TOTAL FIELD	3,157		2,506	0	1,342	1,164	2,133	1,142	991
8220 UMBACH										
BLUESKY - A	326	90.0	293	1	267	26	0.861	252	229	23
BLUESKY	12	90.0	11	0	11	0	0.869	10	10	0
GETHING - A	989	50.0	495	8	400	95	0.749	370	299	71
GETHING - C	9	80.0	7	0	4	3	0.871	6	4	2
SLAVE POINT - A	274	65.0	178	0	0	178	0.703	125	0	125
	TOTAL FIELD	1,610		984	9	682	302	763	542	221

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
8200 TWO RIVERS														
V	264	1.6	17.3	36.4	316	Y	308	8,085	0.8840	37.830	1		09924	1996
D	259				317	Y	422	10,252	0.8690	38.140	2	2010-12	02064	1967
V	301	2.9	15.5	37.6	320	Y	466	10,607	0.8440	41.150	2	2006-12	17497	2005
X	261	1.8	20.6	25.0	323	Y	592	11,852	0.8210	42.400	1	2017-12	02139	1967
D	462	0.0	12.5	18.3	324	Y	583	11,489	0.8280	41.981	2	2010-12	12384	1999
V	254	3.9	12.7	15.5	326	Y	648	12,431	0.8430	43.144	11	2017-12	02064	1967
M		8.2	11.9	36.1	327	Y	865	14,465	0.8080	43.280	1	2017-12	02139	1967
V	259	7.8	7.5	47.3	328	Y	911	14,768	0.8120	41.549	2	2006-12	04950	1979
V	264	6.5	9.6	26.1	334	Y	825	14,050	0.8450	41.360	1	2005-12	13493	2000
D	0	3.1	8.6	18.4	333	Y	779	13,627	0.8450	40.940	1	2011-12	18996	2005
V	65	12.2			331	Y	1,009			40.510	2	2017-12	24121	2008
D	259				341	Y	1,314	19,197	0.8550	42.280	1	2010-12	04958	1979
M	0	13.1	8.1	21.9	358	Y	1,727	21,360	0.9060		1	2012-12	05398	1980
X	259	9.4	5.5	55.2	357	Y	1,701	20,494	0.9080	43.850	1	2010-12	07072	1989
V	261	6.6	7.7	16.2	351	Y	1,813	19,394	0.9140		1		07204	1990
V	264	10.3	8.3	20.0	388	N	2,674	29,268	0.9960	33.710	0	2014-12	11442	1998
V	264	32.0	3.0	10.0	381	Y	2,443	26,822	0.9740		1	2005-12	11527	2000
8220 UMBACH														
D		5.5	13.6	24.9	327	Y	338	7,873	0.8710	45.483	4	2014-12	05322	1980
X					329	Y	385	8,784	0.8550		1	2010-12	12949	2001
D	895	0.0	11.0	55.1	327	Y	381	8,884	0.8410	45.024	18	2010-12	05017	1979
D	281	0.0	11.2	29.2	327	Y	411	9,546	0.8350	42.720	1	2012-12	08350	2001
V	281	8.1	7.9	9.4	406	N	2,359	22,769	0.9490		0	2006-12	16697	2004

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Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
8240 VELMA										
BLUESKY-GETHING - A	2,655	80.5	2,137	0	2,110	27	0.849	1,814	1,792	22
BLUESKY-GETHING - A - CNRL UNIT #1	556	70.0	389	0	370	19	0.859	335	318	17
BLUESKY-GETHING	22	90.0	19	0	0	19	0.861	17	0	17
CHARLIE LAKE - B	61	80.0	49	0	32	17	0.542	27	17	10
CHARLIE LAKE	9	30.0	3	0	2	1	0.543	1	1	0
SIPHON - A	59	90.0	53	0	53	0	0.872	46	46	0
A MARKER/BASE OF LIME - A	60	80.0	48	0	39	9	0.894	43	35	8
A MARKER/BASE OF LIME - A - CNRL UNIT #1	173	80.0	139	0	130	9	0.879	122	115	7
A MARKER/BASE OF LIME - B	157	90.0	142	0	108	34	0.883	125	95	30
HALFWAY - A	110	55.0	60	0	20	40	0.864	52	18	34
HALFWAY - B	222	90.0	200	0	173	27	0.847	169	146	23
HALFWAY - C	174	27.0	47	0	45	2	0.884	41	39	2
HALFWAY - D	197	80.0	157	0	25	132	0.881	139	22	117
SLAVE POINT - A	28	80.0	22	0	22	0	0.877	19	19	0
TOTAL FIELD	4,483		3,465	0	3,129	336		2,950	2,663	287

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
8240 VELMA														
D		3.9	16.8	27.5	326	Y	217	6,692	0.8970	42.470	30	2017-12	03069	1972
D	0	4.6	14.3	31.4	326	Y	217	6,692	0.8970	42.774	7	2012-12	03069	1972
D	0	1.5			326	Y	217				1		01879	1966
D	840	0.0	14.5	37.5	325	Y	179	6,601	0.8780	40.464	3	2012-12	18400	2005
V	140	1.5	10.0	37.5	324	Y	179	6,601	0.8900	40.170	1	2012-12	20064	2006
M	0	1.8	18.4	14.6	324	Y	236	6,936	0.8770		1		02018	1966
D	0	2.4	19.9	25.6	327	Y	228	6,860	0.8950	41.800	1	2009-12	09812	1997
D			15.1	27.6	327	Y	219	6,755	0.8950	41.045	3	2013-12	03053	1972
D	560	0.0	20.6	23.4	328	Y	249	7,050	0.8900	42.437	2	2010-12	08783	1994
V	259	2.4	27.2	15.0	327	Y	273	7,770	0.8840	41.090	1		03126	1972
D	0	2.0	24.5	10.5	329	Y	280	7,162	0.8980	42.350	2	2011-12	01411	1964
V	1,210	2.4	15.5	39.3	327	Y	215	6,579	0.9000	42.295	2	2015-12	08338	1993
V	280	5.5	23.1	15.7	327	Y	279	6,681	0.8860	43.280	1		08610	1994
D		37.0	5.0	27.0	380	Y		17,022	0.9380	37.220	1	2016-12	08470	1994

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	1	2	3	4	5	6	7	8	9	10
Field / Pool / Project	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
8260 WARGEN										
BLUESKY - A	188	90.0	169	3	150	19	0.747	126	112	14
BLUESKY - B	52	90.0	47	0	45	2	0.758	36	34	2
BLUESKY - C	196	90.0	176	1	164	12	0.740	130	122	8
BLUESKY - D	44	25.0	11	1	5	6	0.758	8	4	4
GETHING - A - PETRO-CAN PROJECT										
SOLN	12	50.0	6	0			0.749	5		
CAP	722	90.0	649	1	638	17	0.749	487	478	14
TOTAL GAS	734		655	1	638	17		492	478	14
GETHING - C	55	90.0	50	0	44	6	0.757	38	33	5
GETHING - D	12	90.0	11	0	8	3	0.759	8	6	2
GETHING - E	17	80.0	13	0	6	7	0.742	10	5	5
GETHING - F	13	80.0	10	0	3	7	0.751	8	2	6
DUNLEVY - A	13	90.0	11	0	10	1	0.759	9	7	2
BALDONNEL - B	3,500	90.0	3,150	28	1,622	1,528	0.759	2,391	1,231	1,160
BALDONNEL	28	90.0	25	1	19	6	0.761	19	14	5
LIMESTONE A BED - A	58	85.0	49	0	12	37	0.759	38	9	29
A MARKER/BASE OF LIME - A	9	90.0	8	0	3	5	0.760	6	2	4
HALFWAY - B	52	90.0	47	0	42	5	0.767	36	33	3
HALFWAY - C	36	80.0	29	0	2	27	0.765	22	1	21
TOTAL FIELD	5,007		4,461	35	2,773	1,688		3,377	2,093	1,284

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11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
8260 WARGEN														
D		1.3	13.7	30.8	327	Y	316	7,829	0.8700	46.309	6	2017-12	04745	1979
D	560	1.0	17.2	26.2	327	Y	304	7,206	0.8770	43.170	3	2017-12	10967	1998
D		2.4	19.4	17.9	326	Y	317	7,034	0.8720	47.960	2	2014-12	11842	1999
V	280	3.8	10.8	46.1	326	Y	328	7,034	0.8720	43.690	1	2014-12	05091	1980
												2011-12	02324	1968
M	0	2.4	15.1	37.6	322	Y	321	7,809	0.8640	53.128	4	2011-12	02324	1968
D	0	1.6	13.4	26.0	326	Y	320	7,832	0.8630	44.540	1	2015-12	05509	1981
D	280	0.0	10.3	36.7	326	Y	354	7,832	0.8630	48.970	1	2014-12	14836	2002
V	280	1.4	10.2	42.3	331	Y	361	7,364	0.8780	46.510	1	2008-12	02436	2006
V	280	1.1	8.6	40.0	327	Y	362	7,930	0.8600	44.260	1	2009-12	22206	2007
D	280	0.0	10.5	50.8	326	Y	387	7,832	0.8630		1	2012-12	14836	2002
V	11,047	4.9	10.1	27.4	322	Y	362	8,446	0.8460	44.276	43	2009-12	02119	1967
D	280				331	Y	378	7,743	0.8770	43.110	1	2013-12	10968	1998
V	280	2.0	14.3	14.4	334	Y	468	8,589	0.8610	43.850	1	2008-12	05766	1982
D	280				334	Y	448	6,873	0.8910	42.950	1	2010-12	13668	2001
D	0	4.3	16.8	22.1	344	Y	469	8,197	0.8900	42.650	1	2003-12	05211	1980
V	280	1.1	17.5	9.1	334	Y	482	7,682	0.8850	42.610	1	2001-12	09240	1995

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Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
8300 WEASEL										
NOTIKEWIN - A	30	90.0	27	0	20	7	0.747	20	15	5
BLUESKY - A	7	18.4	1	0	1	0	0.748	1	1	0
BLUESKY - B	123	90.0	110	0	89	21	0.747	82	66	16
BLUESKY	30	90.0	27	1	7	20	0.748	20	5	15
DETRITAL	57	90.0	51	0	30	21	0.748	38	22	16
GETHING - A - CNRL PROJECT	13	90.0	11	0	5	6	0.747	9	4	5
GETHING - B	SOLN	21	50.0	10	0	2	0.791	8	2	6
GETHING - C		35	85.0	29	1	14	0.748	22	10	12
GETHING - D		14	70.0	10	0	6	0.748	7	5	2
GETHING - E		116	90.0	104	1	24	0.747	78	18	60
GETHING - F	SOLN	2	30.0	1	0		0.881	1		
	CAP	160	50.0	80	0	31	0.881	70	28	43
TOTAL GAS	162		81	0	31	50		71	28	43
GETHING - G	8	90.0	7	0	6	1	0.747	5	4	1
GETHING - H	67	90.0	61	2	39	22	0.834	50	33	17
GETHING - I	23	85.0	20	1	16	4	0.877	17	14	3
GETHING - J	11	80.0	9	0	8	1	0.887	8	7	1
GETHING - K	61	80.0	49	0	32	17	0.874	43	28	15
NORDEGG	7	80.0	6	0	3	3	0.748	4	2	2
NORDEGG-BALDONNEL - B	18	90.0	16	1	12	4	0.739	12	9	3
BALDONNEL - A	51	70.0	36	0	22	14	0.748	27	17	10
BALDONNEL - B	38	90.0	34	0	30	4	0.748	26	22	4
CECIL - B	65	80.0	52	0	15	37	0.748	39	12	27
HALFWAY - A	SOLN	1	10.0	0	0		0.712	0		
	CAP	39	90.0	35	0	33	0.712	25	24	1
TOTAL GAS	40		35	0	33	2		25	24	1
HALFWAY - E	38	80.0	30	1	22	8	0.710	21	16	5
HALFWAY - H	18	5.0	1	0	0	1	0.888	1	0	1
HALFWAY - I - CNRL PROJECT	SOLN	81	60.0	49	0		0.847	41		
	CAP	45	80.0	36	0	78	0.847	30	66	5
TOTAL GAS	126		85	0	78	7		71	66	5
HALFWAY - J	131	75.0	99	0	36	63	0.722	71	26	45
HALFWAY - K - ENCAL PROJECT #1	SOLN	16	90.0	15	0	14	0.905	13	13	0

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11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
8300 WEASEL														
V	148	7.3	14.0	52.9	311	Y	26	4,289	0.9230	39.263	2	2010-12	15792	2003
X	282	0.5	13.4	50.0	325	Y	273	7,552	0.8700	43.360	1	2010-12	01805	1965
D	564		9.3	34.7	325	Y	271	7,552	0.8690	44.126	2	2010-12	07904	1997
D	282				324	Y	263	6,615	0.8910	42.110	2	2017-12	01631	1965
D	282				322	Y	326	8,108	0.8750		1	2010-12	01601	1965
V	62	4.0	12.5	50.5	322	Y	327	8,057	0.8570	42.794	2	2010-12	01761	2000
V	70	7.3			313	Y	290			47.390	1	2007-12	01775	2003
V	282	3.4	11.5	55.9	324	Y	299	7,128	0.8790	42.600	1	2010-12	01689	2004
V	282	1.5	10.3	52.2	325	Y	289	6,782	0.8850	42.060	1	2010-12	16861	2004
V	282	7.1	11.8	38.3	326	Y	307	7,930	0.8710	42.525	2	2010-12	22202	2007
												2015-12	22513	2007
V	282	6.2	18.6	29.6	324	Y	285	6,996	0.8810		1	2015-12	22513	2007
D	0	0.8	13.1	33.8	323	Y	275	7,114	0.8790	42.658	2	2014-12	01531	1964
V	564	2.9	10.8	46.0	324	Y	286	7,120	0.8860	42.330	2	2009-12	22340	2007
D			12.4	33.0	325	Y	324	7,942	0.8720	43.320	1	2012-12	23314	2008
D			11.5	31.2	325	Y	286	7,187	0.8830	42.870	2	2016-12	01977	1966
D			10.6	32.8	324	Y	279	7,211	0.8780	43.540	1	2012-12	02055	1967
D	0				325	Y	303	6,887	0.8880	42.710	1	2010-12	01631	1965
V	197	1.5	11.6	32.0	326	Y	300	7,796	0.8880	40.820	2	2010-12	03668	1975
V	282	2.5	14.8	36.0	324	Y	298	7,674	0.8760	42.870	1	2010-12	01790	1965
V	282	1.0	19.0	19.3	324	Y	297	7,654	0.8750	42.220	1	2016-12	06815	2000
V	282	2.1	16.6	21.0	318	Y	327	7,996	0.8600		1	2010-12	10424	1997
												2013-12	01531	1965
D	0	1.5	10.5	25.0	327	Y	412	8,648	0.8790	42.010	2	2013-12	03668	1975
V	259	2.0	12.7	37.1	329	Y	437	9,184	0.8730	39.800	1	2013-12	02789	1970
V	281	1.2	8.9	33.2	328	N	384	8,812	0.8730		0	2014-12	01775	1965
												2017-12	05878	1984
D		1.6	17.1	41.5	329	Y	433	8,969	0.8360	39.852	7	2017-12	05878	1984
V	200	5.6	16.1	26.0	337	Y	428	8,637	0.7400	40.770	1	2010-12	06646	1987
D		1.4			334	Y	424			40.790	3	2017-12	06815	1988

		1	2	3	4	5	6	7	8	9	10
Field / Pool / Project		Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
8300 WEASEL											
HALFWAY - M - ENCAL PROJECT #2		SOLN	19	90.0	17	0		0.833	14		
		CAP	47	90.0	42	0	59	0	0.833	35	49
TOTAL GAS		66		59	0	59	0		49	49	0
HALFWAY - N			44	90.0	40	0	37	3	0.717	28	27
HALFWAY - ENCAL UNIT #1		SOLN	225	80.0	180	2		0.766	138		
		CAP	441	50.0	221	0	318	83	0.766	169	244
TOTAL GAS		666		401	2	318	83		307	244	63
HALFWAY - PLACID PROJECT			500	90.0	450	0	259	191	0.715	322	185
HALFWAY - CNRL PROJECT			432	90.0	389	0	164	225	0.734	285	120
LOWER HALFWAY - A - CNRL UNIT #3		SOLN	14	80.0	12	0		0.722	8		
		CAP	226	50.0	113	0	124	1	0.722	82	89
TOTAL GAS		240		125	0	124	1		90	89	1
SLAVE POINT - A			117	65.0	76	0	0	76	0.546	41	0
TOTAL FIELD		3,391		2,556	10	1,556	1,000		1,911	1,183	728
8320 WEASEL WEST											
BLUESKY - A - PENGROWTH PROJECT #1			156	90.0	140	1	61	79	0.748	105	46
GETHING - A			20	90.0	18	0	16	2	0.874	16	14
HALFWAY - A		SOLN	41	45.0	18	0	16	2	0.857	16	14
HALFWAY - B		SOLN	8	25.0	2	0		0.727	1		
		CAP	33	5.0	2	0	3	1	0.727	1	3
TOTAL GAS		41		4	0	3	1		2	3	- 1
HALFWAY - C			189	90.0	170	0	3	167	0.731	124	2
TOTAL FIELD		447		350	1	99	251		263	79	184

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
8300 WEASEL														
D	0	5.8	19.7	17.0	333	Y	416	8,845	0.8590		2	2017-12	06658	1987
D	167	0.0	20.9	11.3	327	Y	389	8,951	0.8740	41.512	2	2010-12	07904	1992
M					329	Y	410	9,011	0.8720	51.370	22	2017-12	01601	1965
M	0	3.2	22.1	22.6	329	Y	410	9,011	0.8740	41.500	1	2012-12	01644	1965
V	281	7.9	23.5	10.8	329	Y	387	9,011	0.8390	44.050	1	2010-12	02496	1969
V	314	9.8	12.6	30.4	328	Y	394	8,487	0.8770	42.250	6	2015-12	00709	1961
V	282	4.0	5.4	12.2	410	Y	2,217	32,794	1.0410	37.630	0	2012-12	15293	2003
8320 WEASEL WEST														
D	0	1.3	10.6	38.0	319	Y	278	7,557	0.8580	42.386	3	2010-12	03349	1973
D	281		13.9	17.6	325	Y	291	6,961	0.8830	42.810	1	2017-12	17896	2004
D		2.7			329	Y	414			41.101	2	2017-12	02834	1971
V	281	1.7	13.7	42.7	329	Y	411	8,912	0.8730		3	2017-12	03115	1972
V	259	5.2	22.1	25.6	329	Y	402	8,618	0.8720	42.900	1	2010-12	06329	1985

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Field / Pool / Project	1 Original Gas In Place 10E6 m3	2 Recovery Factor %	3 Initial Reserves (Raw) 10E6 m3	4 Annual Prod (Raw) 10E6 m3	5 Cumul Prod (Raw) 10E6 m3	6 Remaining Reserves (Raw) 10E6 m3	7 Shrink Factor	8 Initial Reserves (Mktble) 10E6 m3	9 Cumul. Prod (Mktble) 10E6 m3	10 Remain'g Reserves (Mktble) 10E6 m3
8360 WILDER										
BALDONNEL - A	34	85.0	29	0	15	14	0.830	24	12	12
CECIL	368	5.0	18	0	18	0	0.856	16	16	0
BOUNDARY LAKE - A	34	90.0	31	0	28	3	0.910	28	25	3
BOUNDARY LAKE - B	SOLN 21	50.0	10	0	9	1	0.863	9	8	1
BOUNDARY LAKE - C	3	70.0	2	0	2	0	0.862	2	2	0
NORTH PINE - A	6	70.0	5	0	2	3	0.851	4	2	2
TEA CREEK MEMBER - A	105	80.0	84	0	67	17	0.910	76	61	15
ARTEX - A	110	80.0	88	0	30	58	0.840	74	25	49
HALFWAY - A	1,254	75.0	940	0	894	46	0.846	795	756	39
HALFWAY - A - WAINOCO UNIT #1	1,595	71.0	1,133	0	1,120	13	0.860	974	964	10
HALFWAY - B	282	1.3	4	0	3	1	0.849	3	3	0
HALFWAY - C	71	31.0	22	0	22	0	0.854	19	18	1
HALFWAY - D - STARPOINT PROJECT	776	67.0	520	0	509	11	0.853	444	434	10
HALFWAY - E	248	85.0	211	0	210	1	0.839	177	176	1
DOIG	39	90.0	35	0	18	17	0.847	29	15	14
BELLOY - B - WAINOCO UNIT #1	18	41.4	7	0	7	0	0.866	6	6	0
BELLOY - C	30	80.0	24	0	0	24	0.874	21	0	21
BELLOY - D	94	90.0	85	2	70	15	0.894	76	62	14
BELLOY	55	2.0	1	0	1	0	0.870	1	1	0
TOTAL FIELD	5,143		3,249	2	3,025	224		2,778	2,586	192

**Pool Reserve Report - Gas
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11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
8360 WILDER														
V	122	3.3	8.6	13.9	321	Y	479	10,951	0.8440	39.770	2	2006-12	11460	1999
X					323	Y		2,182	0.9630	39.910	1	2010-12	11460	1998
D	264		9.9	35.0	320	Y	603	12,870	0.7950	43.280	1	2009-12	14220	2001
D	65	0.0			325	Y	624			43.600	1	2013-12	16152	2004
M	259		8.0	35.0	325	Y	624	11,948	0.8190	46.590	1	2010-12	02138	1967
V	259	0.9	10.0	25.1	328	Y	682	4,000	0.9410	40.310	1	2012-12	10642	1997
D	1,036		10.7	40.7	320	Y	730	14,199	0.8360	38.806	4	2011-12	07951	1992
V	259	1.8	15.0	8.8	325	Y	828	16,370	0.8290		1	2010-12	04907	1979
M	0	9.1	10.4	37.4	331	Y	814	14,028	0.8540	39.320	4	2006-12	02708	1970
M	0	9.4	12.2	38.8	325	Y	817	13,900	0.8390	39.260	5	2006-12	00033	1952
X	259	10.4	12.0	41.0	325	Y	819	14,200	0.8400		1	2010-12	00047	1953
V	200	1.5	17.8	14.0	328	Y	863	14,540	0.8200	45.670	1	2015-12	07148	1989
M	0	7.4	11.4	36.3	317	Y	818	13,951	0.8280	38.452	9	2015-12	02138	1968
D	259		16.3	14.7	327	Y	804	12,516	0.8310	41.740	1	2017-12	20296	2005
D	259				322	Y		15,033	0.8140	43.250	1	2011-12	04792	1979
M	0	3.0	17.9	53.3	342	Y	1,254	17,940	0.8250	40.801	0		02708	1970
V	200	1.2	8.7	21.0	342	N	1,264	17,940	0.8200				04792	1979
D	259		14.6	56.0	336	Y	1,289	19,324	0.8760	38.900	1	2016-12	23191	2008
V	130	3.0	10.0	25.0	335	Y	1,300	18,379	0.8250	43.290	1	2012-12	04792	1979

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Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
8400 WILDMINT										
BLUESKY - A	120	60.0	72	0	66	6	0.748	54	49	5
BLUESKY	62	80.0	49	0	40	9	0.748	37	30	7
GETHING - A	20	85.0	17	0	16	1	0.886	15	14	1
GETHING - B	28	90.0	25	1	19	6	0.747	19	14	5
GETHING - C	SOLN 3	50.0	2	0	1	1	0.870	1	1	0
CADOMIN - A	46	80.0	37	0	7	30	0.748	27	5	22
NORDEGG - B	15	80.0	12	0	10	2	0.748	9	7	2
SIPHON - A	73	80.0	58	0	11	47	0.748	44	8	36
HALFWAY - A	SOLN 2	90.0	1	0			0.718	1		
	CAP 269	90.0	242	0	36	207	0.718	174	26	149
TOTAL GAS	271		243	0	36	207		175	26	149
HALFWAY - A - CNRL UNIT #1	SOLN 132	50.0	66	1			0.713	47		
	CAP 1,230	70.0	861	3	842	85	0.713	614	600	61
TOTAL GAS	1,362		927	4	842	85		661	600	61
HALFWAY - A - SUMMIT PROJECT	310	50.0	155	1	134	21	0.682	106	91	15
HALFWAY - B - CALPINE PROJECT	SOLN 16	90.0	15	0			0.845	13		
	CAP 96	83.0	80	0	94	1	0.845	67	80	0
TOTAL GAS	112		95	0	94	1		80	80	0
HALFWAY - G	18	25.0	5	0	0	5	0.890	4	0	4
HALFWAY - H	11	25.0	3	0	0	3	0.839	2	0	2
HALFWAY - I	SOLN 12	50.0	6	0	0	6	0.854	5	0	5
LOWER HALFWAY - B - CNRL PROJECT	SOLN 9	50.0	5	0			0.854	4		
	CAP 59	90.0	53	0	38	20	0.854	45	33	16
TOTAL GAS	68		58	0	38	20		49	33	16
LOWER HALFWAY - B - CALPINE PROJECT	SOLN 2	65.0	1	0			0.854	1		
	CAP 59	45.0	27	0	26	2	0.854	23	21	3
TOTAL GAS	61		28	0	26	2		24	21	3
LOWER HALFWAY - F	30	90.0	27	0	21	6	0.748	20	15	5
LOWER HALFWAY - G - TARCO PROJECT	SOLN 3	50.0	2	1			0.845	1		
	CAP 77	80.0	61	0	51	12	0.845	52	43	10
TOTAL GAS	80		63	1	51	12		53	43	10

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
8400 WILDMINT														
V	846	1.7	15.5	27.2	317	Y	261	7,177	0.8720	44.501	3	2014-12	00919	1962
D	282	0.0			320	Y	254	7,177	0.8680	42.100	1	2010-12	15548	2003
D	282	0.0	16.4	22.0	325	Y	283	6,599	0.8890	42.670	1	2010-12	01750	1965
D		2.0	14.9	22.4	324	Y	275	6,459	0.8870	45.260	2	2013-12	01092	1962
D		4.5				Y	263			42.760	1	2017-12	20939	2006
V	282	2.0	14.5	27.0	323	Y	297	7,625	0.8780	41.800	1	2012-12	18834	2005
V		2.5	10.4	26.0	324	Y	288	7,693	0.8740	43.690	1	2014-12	18198	2004
V	282	2.4	17.8	22.0	323	Y	309	7,740	0.8770	41.680	1	2012-12	18834	2005
V	354	5.4	21.3	20.5	329	Y	380	8,439	0.8780	41.810	1	2010-12	00530	1960
D	0	4.5	18.7	20.9	329	Y	388	8,439	0.8780	41.746	23	2017-12	00530	1960
V	518	3.6	23.0	12.2	329	Y	356	8,439	0.8850	41.500	3	2010-12	00530	1960
D					342	Y	390	8,816	0.8180		5	2010-12	01191	1962
V	282	1.2	10.4	31.2	329	N	376	8,182	0.9290			2002-12	01682	1965
V	282	1.1	9.3	51.3	334	N	388	7,963	0.8790		0	2002-12	06051	1984
V	65	3.4			328	Y	374				1		07836	1992
V	123	6.1	14.2	34.1	329	Y	412	8,492	0.8780		3	2007-12	00984	1962
V	130	5.8	14.2	34.1	329	Y	412	8,492	0.8780		1	2015-12	00984	1962
D	0	15.0	10.8	12.4	329	Y	410	9,018	0.8160	43.780	1	2012-12	01566	1965
D		1.1	24.4	14.3	318	Y	381	7,875	0.8680	39.960	1	2017-12	08789	1994

Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
8400 WILDMINT										
TOTAL FIELD	2,702		1,882	7	1,412	470		1,385	1,037	348
8600 WILLOW										
GETHING - A	SOLN 25	90.0	22	0			0.866	19		
	CAP 74	90.0	67	0	83	6	0.866	58	72	5
TOTAL GAS	99		89	0	83	6		77	72	5
GETHING - B	53	85.0	45	0	7	38	0.748	34	5	29
HALFWAY - A	772	85.0	656	0	656	0	0.712	467	467	0
HALFWAY - B	572	90.0	515	0	499	16	0.829	427	414	13
TOTAL FIELD	1,496		1,305	0	1,245	60		1,005	958	47
8625 WINDFLOWER										
BELLOY - A	25	65.0	16	0	0	16	0.799	13	0	13
MATTSON - A	859	90.0	773	0	495	278	0.798	617	395	222
TOTAL FIELD	884		789	0	495	294		630	395	235
8700 WOLF										
GETHING - A	14	70.0	10	0	4	6	0.881	9	4	5
GETHING - B	143	90.0	128	1	50	78	0.870	112	44	68
BALDONNEL - B	7	80.0	6	0	4	2	0.906	5	4	1
HALFWAY - A - CNRL PROJECT	SOLN 88	50.0	44	0			0.831	36		
	CAP 98	72.5	71	0	115	0	0.831	59	95	0
TOTAL GAS	186		115	0	115	0		95	95	0
TOTAL FIELD	350		259	1	173	86		221	147	74
8720 WOLVERINE										
DUNLEVY - A	50	61.0	31	0	30	1	0.903	28	27	1
DUNLEVY - B	50	50.0	25	0	6	19	0.897	22	5	17
PARDONET-BALDONNEL - A	487	90.0	438	8	258	180	0.791	347	204	143
PARDONET-BALDONNEL - B	3,041	90.0	2,737	20	1,448	1,289	0.704	1,927	1,019	908
PARDONET-BALDONNEL - C	326	90.0	293	0	159	134	0.801	235	128	107
TOTAL FIELD	3,954		3,524	28	1,901	1,623		2,559	1,383	1,176

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
8400 WILDMINT														
8600 WILLOW														
M	0	1.9	14.4	24.7	321	Y	249	7,126	0.8590	44.240	1	2011-12	00449	1959
V	259	2.7	14.0	24.6	324	Y	240	7,106	0.8630	41.800	1	2010-12	01889	1966
D		5.6	18.0	16.6	328	Y	373	8,143	0.8690	43.190	2	2016-12	00830	1961
D	0	0.0	18.9	9.9	327	Y	338	8,211	0.9535	41.090	2	2012-12	01840	1966
8625 WINDFLOWER														
V	262	3.0	11.2	25.0	298	Y	132	3,661	0.9320		0	2002-12	03330	1973
D	0	26.7	14.8	30.7	298	Y	10	3,661	0.9320	37.710	2	2008-12	03330	1973
8700 WOLF														
D	47		11.3	30.2	323	Y	322	8,270	0.8610	42.349	2	2011-12	12973	2000
V	566	3.4	13.3	31.9	325	Y	332	8,131	0.8690	42.730	2	2009-12	01611	1965
V	64	2.0	10.6	42.0	326	Y	355	9,096	0.8750	41.970	1	2015-12	23230	2008
V	284	2.6	18.9	30.2	335	Y	509	10,354	0.8700	42.220	7	2017-12	01815	1966
												2017-12	01815	1966
8720 WOLVERINE														
M	0	37.2	4.5	44.4	371	Y	2,099	24,649	0.9510	38.690	1		03436	1974
M	0	0.0	0.0	0.0	360	Y	1,749	16,979	0.9100		1	2006-12	04168	1978
D	592		3.8	19.1	375	Y	2,331	33,130	0.9910	37.800	2	2011-12	09467	2000
D	594	0.0	4.2	13.8	364	Y	2,151	31,764	0.9300	37.990	2	2010-12	18489	2005
D	445		3.5	15.0	374	Y	2,218	32,628	1.0270	33.800	1	2011-12	22886	2007

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	1	2	3	4	5	6	7	8	9	10
Field / Pool / Project	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
8740 WOODRUSH										
GETHING - B	60	90.0	54	7	25	29	0.879	48	22	26
HALFWAY - A	470	90.0	423	0	420	3	0.847	358	356	2
HALFWAY - B	101	80.0	81	0	16	65	0.730	59	12	47
HALFWAY - C	151	80.0	120	2	92	28	0.730	88	67	21
HALFWAY - D	SOLN	11	50.0	6	0	0	0.884	5	0	5
HALFWAY - E - DEJOUR PROJECT	SOLN	30	90.0	27	0	18	0.774	21	14	7
TOTAL FIELD	823		711	9	571	140		579	471	108
8800 YOYO										
BLUESKY - A	37	90.0	34	0	5	29	0.815	27	4	23
BLUESKY	13	70.0	9	0	7	2	0.814	7	6	1
JEAN MARIE - A	158	70.0	110	4	85	25	0.778	86	66	20
SLAVE POINT - A	58	65.0	38	0	38	0	0.697	26	26	0
SLAVE POINT - C	157	65.0	102	0	0	102	0.805	82	0	82
PINE POINT - A	53,266	84.0	44,743	37	44,125	618	0.694	31,061	30,631	430
PINE POINT - B	360	90.0	324	0	302	22	0.717	232	216	16
TOTAL FIELD	54,049		45,360	41	44,562	798		31,521	30,949	572

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
8740 WOODRUSH														
V	281	3.8	13.5	37.0	323	Y	275	6,747	0.8919	42.250	2	2011-12	25232	2010
D	0	2.3	20.3	11.5	327	Y	323	8,067	0.8810		3	2005-12	00559	1960
V	281	2.5	23.0	24.0	327	Y	345	8,348	0.8800	40.660	1	2010-12	02296	1968
D			24.0	10.6	325	Y	321	5,571	0.9100	41.298	3	2013-12	08102	1993
V	65	1.5			327	Y	297			41.980	1	2013-12	21005	2007
V	210	1.7			328	Y	304			46.760	6	2017-12	23844	2008
8800 YOYO														
V	267	3.7	20.6	66.9	309	Y	21	5,498	0.9090	37.570	1	2004-12	03610	2002
D	268				308	Y	18	5,490	0.9010	39.400	1	2011-12	22523	2007
D	1,869	5.4	5.4	27.0	357	Y	877	8,768	0.9180	38.529	7	2017-12	01569	1965
D	0	0.0	5.1	14.0	392	Y	1,463	18,519	0.9500	38.340	2	2016-12	00887	1962
V	259	9.6	5.7	21.6	392	Y	1,404	18,519	0.9480			2001-12	06905	1988
D	0	45.7	9.3	18.0	399	Y	1,622	20,126	0.9400	31.910	41	2017-12	00887	1970
M	0	38.4	10.0	12.0	400	Y	1,641	18,761	0.9390		1		04660	1979

Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
8900 ZAREMBA										
BLUESKY - A	58	85.0	50	0	32	18	0.751	37	24	13
BLUESKY - C	167	85.0	142	0	139	3	0.739	105	103	2
BLUESKY - D	41	90.0	36	0	33	3	0.754	28	25	3
BLUESKY - E	235	80.0	188	0	15	173	0.758	143	12	131
BLUESKY - G	224	90.0	202	0	40	162	0.755	152	30	122
BLUESKY - H	47	90.0	43	0	42	1	0.749	32	32	0
BLUESKY - I	81	85.0	69	0	2	67	0.759	53	1	52
GETHING - A	3	80.0	3	0	2	1	0.753	2	1	1
GETHING - C	170	65.0	110	0	13	97	0.760	84	10	74
GETHING - D	67	90.0	60	0	58	2	0.760	46	44	2
GETHING - G	117	90.0	105	0	4	101	0.757	80	3	77
BALDONNEL - B	91	90.0	82	0	22	60	0.756	62	17	45
CHARLIE LAKE - A	140	30.0	42	0	33	9	0.737	31	25	6
CHARLIE LAKE	56	80.0	45	0	39	6	0.730	33	29	4
SECOND BROWN MARKER - B	34	80.0	27	0	8	19	0.749	21	6	15
A MARKER/BASE OF LIME - A - CNRL PROJECT	SOLN	5	90.0	4	0		0.739	3		
	CAP	108	90.0	97	0	79	0.739	72	58	17
TOTAL GAS	113		101	0	79	22		75	58	17
A MARKER/BASE OF LIME - B	47	80.0	37	0	17	20	0.777	29	13	16
A MARKER/BASE OF LIME - C	141	70.0	99	0	70	29	0.756	75	53	22
A MARKER/BASE OF LIME - D	42	80.0	33	0	6	27	0.756	25	4	21
A MARKER/BASE OF LIME - E	64	90.0	57	0	52	5	0.752	43	39	4
A MARKER/BASE OF LIME - F	31	80.0	25	0	24	1	0.765	19	18	1
A MARKER/BASE OF LIME - G	137	15.0	21	0	21	0	0.749	15	15	0
A MARKER/BASE OF LIME - I	45	80.0	36	0	13	23	0.755	27	10	17
A MARKER/BASE OF LIME - J	45	80.0	36	0	32	4	0.752	27	24	3
A MARKER/BASE OF LIME - K	SOLN	5	50.0	2	0	1	0.749	2	1	1
A MARKER/BASE OF LIME - L	36	80.0	29	0	27	2	0.752	22	21	1
A MARKER/BASE OF LIME - M - ENCAL PROJECT	SOLN	13	50.0	6	0	3	0.673	4	2	2
A MARKER/BASE OF LIME - N	SOLN	4	50.0	2	0	0	0.762	2	0	2
A MARKER/BASE OF LIME - O	39	50.0	19	0	0	19	0.762	15	0	15
A MARKER/BASE OF LIME	12	80.0	10	0	4	6	0.748	7	3	4
HALFWAY - A	112	90.0	101	0	0	101	0.866	88	0	88

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
8900 ZAREMBA														
V	279	3.5	11.9	30.1	322	Y	271	7,086	0.8700	44.910	1	2003-12	06837	1988
V	558	3.8	20.2	43.9	327	Y	262	7,005	0.8770	46.814	2		09147	1995
V	279	2.3	13.8	41.3	315	Y	315	7,328	0.8480	44.540	1		09626	1996
V	1,133	2.7	19.1	44.1	312	Y	265	6,790	0.8590	43.660	2		10442	1997
V	929	3.3	19.6	45.2	332	Y	272	7,019	0.8840	44.364	3		01549	1964
V	279	2.4	19.1	45.1	330	Y	255	6,871	0.8780	44.380	1	2013-12	10278	1997
V	279	3.0	19.1	31.3	330	Y	270	7,555	0.8780	42.690	1	2010-12	09552	1996
D		2.9	15.8	39.6	332	Y	273	6,730	0.8890	45.000	2	2014-12	10278	1997
V	556	5.1	17.9	56.1	330	Y	285	7,716	0.8740	43.310	2		10418	1998
D	0	3.5	16.3	40.6	327	Y	299	6,895	0.8810		1	2007-12	11603	1999
V	279	5.8	17.8	47.0	330	Y	300	7,716	0.8700		1	2001-12	11925	1999
V	280	5.8	13.7	44.0	327	Y	302	7,275	0.8700		1		09578	1997
V	556	3.6	13.8	33.5	334	Y	328	7,686	0.8580	45.970	2	2015-12	01549	1964
V	279	2.4	15.9	35.8	325	Y	327	7,991	0.8560	49.080	1		10158	1996
V	279	1.2	16.2	20.0	320	Y	310	7,592	0.8530		1		09827	1998
D		1.3	20.7	17.6	330	Y	345	7,859	0.7940	47.554	2	2014-12	09665	1996
V	279	1.6	16.3	20.0	320	Y	334	8,042	0.8930		1		09780	1996
D	0	1.5	18.9	20.6	333	Y	341	7,895	0.8590	43.533	4	2014-12	09994	1996
V	279	0.9	23.0	10.3	331	Y	330	8,117	0.8640	44.350	1		09827	1996
D	0	1.9	9.0	60.0	329	Y	316	8,222	0.8570		1	2004-12	10417	1997
V		1.3	21.7	11.8	324	Y	327	8,075	0.8660	42.490	1	2014-12	10278	1997
X	0	1.2	18.2	26.3	328	Y	667	7,980	0.8550		2	2010-12	09552	1996
V	279	1.1	21.3	15.3	331	Y	333	8,097	0.8650	44.100	1		10122	1997
D		1.9	17.8	17.6	326	Y	333	8,140	0.8530		1	2015-12	11603	1999
V	70	1.3			325	Y	326			46.390	1		11247	1998
D		2.1	17.8	24.3	312	Y	317	6,929	0.8480		1	2015-12	11735	1999
V	70	2.0			328	Y	333				1	2001-12	12114	2000
V	70	1.3			329	Y	344			37.990	1	2001-12	12727	2000
V	279	1.4	13.9	24.4	324	Y	340	9,305	0.8680		1		12725	2000
D	279				331	Y	342	7,729	0.8620		1	2010-12	09626	1996
V	279	3.0	20.6	27.8	322	N	379	8,640	0.8450	44.050	0		07043	1989

Field / Pool / Project		1	2	3	4	5	6	7	8	9	10
		Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
8900 ZAREMBA											
HALFWAY - C	SOLN	13	65.0	8	0			0.761	6		
	CAP	119	80.0	95	0	103	0	0.761	72	78	0
	TOTAL GAS	132		103	0	103	0		78	78	0
HALFWAY - C - ANDERSON PROJECT	SOLN	30	50.0	15	0	15	0	0.761	11	11	0
HALFWAY - D		75	80.0	60	0	2	58	0.878	53	2	51
HALFWAY - E		51	80.0	41	0	0	41	0.774	32	0	32
HALFWAY - F		247	90.0	222	0	217	5	0.736	163	160	3
HALFWAY - G		112	90.0	101	0	89	12	0.782	79	70	9
HALFWAY - H		259	85.0	220	0	211	9	0.760	167	161	6
HALFWAY - I - ENCAL PROJECT	SOLN	10	50.0	5	0			0.753	4		
	CAP	141	87.0	123	0	127	1	0.753	93	95	2
	TOTAL GAS	151		128	0	127	1		97	95	2
HALFWAY - K		24	80.0	19	0	2	17	0.762	15	1	14
TOTAL FIELD		3,498		2,727	0	1,597	1,130		2,079	1,201	878

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
8900 ZAREMBA														
V	558	2.3	15.9	28.5	334	Y	355	8,354	0.8730	43.376	2	2002-12	10065	1997
V	218	1.8			334	Y	360				2	2014-12	09121	1995
V	279	1.7	26.1	24.0	332	Y	353	8,106	0.8720	43.670	1	2006-12	09147	1995
V	279	1.6	22.9	38.2	332	Y	365	8,368	0.8820	41.760	1		09626	1996
D	0	3.7	18.1	21.5	331	Y	343	8,173	0.8710	43.732	2	2008-12	09627	1996
D	0	3.2	15.1	31.5	326	Y	354	8,144	0.8980		1	2003-12	09780	1997
D		3.8	17.7	18.2	334	Y	342	8,239	0.8740	43.520	2	2013-12	10100	1997
M	0	4.5	19.9	17.9	332	Y	340	8,274	0.8620	44.650	2	2015-12	10101	1997
V	279	1.4	14.6	48.4	329	Y	363	8,316	0.8880	37.230	1		12727	2000

Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
9000 OTHER AREAS										
B-008-B/093-P-08 - PADDY	128	90.0	115	2	93	22	0.900	103	84	19
B-089-C/093-P-08 - PADDY	30	90.0	27	1	22	5	0.747	20	17	3
A-004-F/093-P-01 - CADOTTE	14	90.0	13	0	11	2	0.742	9	8	1
A-012-I/093-I-16 - CADOTTE	32	90.0	29	1	17	12	0.701	20	12	8
C-003-F/093-P-01 - CADOTTE	87	90.0	79	2	39	40	0.742	58	29	29
C-076-D/093-P-01 - CADOTTE	52	90.0	47	2	35	12	0.739	35	26	9
D-099-E/094-A-15 - SPIRIT RIVER	50	85.0	42	2	26	16	0.902	38	23	15
10-32-087-18-W6M - NOTIKEWIN	6	70.0	4	0	3	1	0.905	4	3	1
A-007-L/094-A-15 - NOTIKEWIN	21	90.0	19	1	15	4	0.903	17	14	3
A-095-E/094-A-15 - NOTIKEWIN	25	80.0	20	1	11	9	0.835	17	9	8
B-004-L/093-P-07 - NOTIKEWIN	46	25.0	12	0	0	12	0.888	10	0	10
B-046-E/094-A-15 - NOTIKEWIN	9	80.0	7	1	6	1	0.852	6	5	1
B-064-E/094-A-15 - NOTIKEWIN	3	75.0	3	0	2	1	0.874	2	2	0
B-074-E/094-A-15 - NOTIKEWIN	3	70.0	2	0	2	0	0.809	2	2	0
07-12-077-25-W6M - FALHER	77	85.0	65	0	0	65	0.894	58	0	58
B-004-L/093-P-07 - FALHER	42	65.0	27	0	0	27	0.921	25	0	25
B-100-D/093-I-16 - FALHER	86	90.0	77	0	29	48	0.937	72	27	45
C-044-F/094-H-11 - FALHER	4	70.0	3	0	2	1	0.863	2	2	0
06-27-081-18-W6M - BLUESKY	58	90.0	52	0	21	31	0.894	46	19	27
14-29-083-17-W6M - BLUESKY	108	80.0	86	0	7	79	0.897	77	7	70
B-064-K/094-A-09 - BLUESKY	78	92.0	72	1	69	3	0.748	54	52	2
B-088-H/094-P-13 - BLUESKY	25	80.0	20	0	0	20	0.805	16	0	16
C-039-H/094-H-12 - BLUESKY	34	80.0	27	1	18	9	0.853	23	15	8
C-041-G/094-H-12 - BLUESKY	5	80.0	4	1	2	2	0.855	4	2	2
C-055-J/094-B-10 - BLUESKY	14	60.0	9	0	0	9	0.825	7	0	7
C-092-K/094-A-15 - BLUESKY	11	60.0	7	0	0	7	0.872	6	0	6
C-098-H/094-H-02 - BLUESKY	8	70.0	6	0	4	2	0.885	5	4	1
D-030-K/094-A-15 - BLUESKY	11	90.0	10	0	6	4	0.876	9	5	4
D-049-B/094-A-16 - BLUESKY	128	80.0	102	0	0	102	0.748	76	0	76
D-095-E/094-I-15 - BLUESKY	21	75.0	16	0	0	16	0.812	13	0	13
A-098-B/094-G-10 - BLUESKY-GETHING	186	90.0	168	0	76	92	0.818	137	62	75
D-075-E/094-P-07 - DETRITAL	217	40.0	87	1	57	30	0.856	74	49	25
06-28-087-24-W6M - GETHING	13	80.0	10	0	8	2	0.868	9	7	2
06-34-088-15-W6M - GETHING	17	90.0	16	0	15	1	0.878	14	13	1

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
9000 OTHER AREAS														
D					341	Y	984	10,490	0.8820	40.690	1	2012-12	14198	2002
D	295				340	Y	931	14,869	0.8610		1	2014-12	13123	2001
D	0	0.0	0.0	0.0	351	Y	1,308	12,228	0.8970	40.040	1	2017-12	14336	2001
D	297				356	Y	1,460	13,320	0.9000	39.100	1	2011-12	16026	2003
D					349	Y	1,305	13,494	0.8750		1	2010-12	12732	2000
D	296	0.0			344	Y	0	7,761	0.9200	38.500	1	2010-12	15231	2003
D	283				314	Y	78	4,447	0.9230	39.980	1	2017-12	14285	2001
D	259		15.9	67.7	313	Y	313	4,457	0.9220		1	2010-12	15666	2002
D	283				314	Y	88	4,357	0.9250	39.980	1	2017-12	21578	2006
D	283				314	Y	77	4,355	0.9340	40.880	1	2011-12	21537	2006
V	294	1.0	11.4	31.8	335	N	946	19,805	0.8350		0	2002-12	05465	1981
D	282		14.1	58.3	313	Y	88	4,288	0.9210	40.700	1	2010-12	19791	2006
X	283				313	N	74	4,274	0.9220		1	2014-12	19665	2005
D	283				313	Y	78	4,397	0.9190		1	2011-12	21543	2006
V	200	5.8	10.8	42.0	319	N	420	10,912	0.9200	36.600	0		05318	1980
V	150	3.3	9.5	45.0	339	N	991	15,954	0.8200		0		05465	1981
D	277				342	Y	0	11,575	0.8910	38.810	1	2010-12	20755	2006
D	277				331	Y	280	4,957	0.9220	45.050	1	2010-12	20392	2006
V	264	4.3	8.5	25.0	311	Y	228	7,598	0.8730	39.860	1	2008-12	03779	1976
V	261	10.9	13.0	49.0	310	Y	285	5,641	0.9050	39.030	1		08190	1993
D	0	1.7	13.5	40.5	323	Y	312	7,877	0.8670	42.690	1	2017-12	08402	1994
V	260	2.0	22.7	32.0	298	N	126	3,098	0.9400		0	2007-12	15788	2003
D	277				331	Y	306	5,196	0.9090	45.810	1	2016-12	23387	2008
D					331	Y	313	5,123	0.9050	44.400	1	2017-12	22515	2007
V	150	1.7	9.6	48.0	323	N	911	10,834	0.8400	37.690	0		08425	1994
V	259	2.7	7.2	71.7	321	N	288	7,495	0.8590		0		04348	1978
D	281				325	Y	221	6,909	0.8550	42.660	1	2010-12	18812	2005
D						Y				43.120	1	2012-12	22626	2008
V	283	3.8	17.9	24.0	306	N	278	7,869	0.8370	42.750	0		12570	2000
V	259	1.4	22.5	47.6	317	N	2	5,118	0.9170	39.180		2010-12	06278	1985
D		2.6	11.8	10.0	332	Y	205	10,657	0.8810	39.760	1	2013-12	18820	2006
M	279		27.0	34.0	299	Y	108	3,952	0.9260	37.620	1	2017-12	06195	1985
D	259				319	Y	353	8,804	0.8360		1	2013-12	21269	2006
D	0	0.6	14.0	42.6	326	Y	341	8,909	0.8670	41.650	1	2009-12	04654	1979

Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
9000 OTHER AREAS										
10-32-087-18-W6M - GETHING	9	70.0	6	0	5	1	0.882	5	4	1
A-063-L/094-H-01 - GETHING	22	80.0	17	0	0	17	0.876	15	0	15
A-077-J/094-A-14 - GETHING	73	90.0	65	1	37	28	0.863	56	32	24
A-092-L/094-H-07 - GETHING	10	70.0	7	0	4	3	0.756	5	3	2
A-097-F/094-B-16 - GETHING	34	90.0	31	0	28	3	0.849	26	24	2
B-019-A/094-H-05 - GETHING	4	80.0	3	0	2	1	0.881	3	2	1
B-052-I/094-A-14 - GETHING	10	80.0	8	0	7	1	0.883	7	6	1
B-074-E/094-A-15 - GETHING	12	90.0	11	0	8	3	0.880	10	7	3
C-005-A/094-H-01 - GETHING	87	90.0	78	0	4	74	0.545	43	2	41
C-017-I/094-A-16 - GETHING	75	80.0	60	0	12	48	0.748	45	9	36
C-024-L/094-A-15 - GETHING	21	80.0	17	0	13	4	0.876	15	12	3
C-033-B/094-A-15 - GETHING	15	90.0	13	0	10	3	0.882	12	9	3
C-038-H/094-H-05 - GETHING	7	65.0	5	0	4	1	0.847	4	4	0
C-076-C/094-H-02 - GETHING	49	50.0	25	0	0	25	0.877	22	0	22
C-096-C/094-H-01 - GETHING	44	90.0	40	0	0	40	0.748	30	0	30
D-019-C/094-H-01 - GETHING	82	80.0	66	0	0	66	0.890	59	0	59
D-033-K/094-H-03 - GETHING	15	80.0	12	0	7	5	0.748	9	6	3
D-037-I/094-A-14 - GETHING	58	80.0	46	2	29	17	0.867	40	25	15
D-049-B/094-A-16 - GETHING	68	80.0	55	0	0	55	0.748	41	0	41
B-085-J/094-A-16 - LOWER GETHING	186	90.0	167	0	6	161	0.748	125	4	121
07-28-083-15-W6M - CADOMIN	180	.3	0	0	0	0	0.878	0	0	0
16-13-088-25-W6M - CADOMIN	25	90.0	23	0	17	6	0.864	20	15	5
A-011-E/093-P-10 - NIKANASSIN	31	90.0	28	1	18	10	0.697	19	12	7
A-088-D/093-P-10 - NIKANASSIN	11	70.0	8	0	1	7	0.859	7	1	6
B-022-K/093-I-16 - NIKANASSIN	13	80.0	10	0	8	2	0.911	9	7	2
B-090-I/093-P-03 - DUNLEVY	70	80.0	56	0	0	56	0.892	50	0	50
C-024-L/094-A-15 - DUNLEVY	12	90.0	10	0	10	0	0.886	9	9	0
C-034-F/093-P-08 - DUNLEVY	50	90.0	45	1	30	15	0.699	31	21	10
C-036-L/094-A-09 - DUNLEVY	23	90.0	21	0	19	2	0.748	16	14	2
C-057-G/094-B-16 - DUNLEVY	41	80.0	33	0	8	25	0.775	26	7	19
C-061-L/094-A-14 - DUNLEVY	4	90.0	4	0	3	1	0.870	3	2	1
C-089-G/094-B-16 - DUNLEVY	126	80.0	101	0	59	42	0.774	78	46	32
C-094-B/093-P-02 - DUNLEVY	100	80.0	80	0	0	80	0.877	70	0	70
D-059-A/094-H-03 - DUNLEVY	112	90.0	101	0	0	101	0.903	91	0	91

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
9000 OTHER AREAS														
D	259				324	Y	327	4,202	0.9252		1	2012-12	07219	2008
V	150	2.5	14.5	44.0	316	N	194	6,833	0.8700		1	2014-12	03142	1972
D					327	Y	370	9,437	0.8520	42.720	1	2010-12	22043	2007
D	281				322	Y	268	6,847	0.8700	43.920	1	2011-12	24715	2009
D					333	Y	448	11,155	0.8400		1	2008-12	19746	2005
D						Y			0.8400	45.880	1	2016-12	22499	2007
D	282				325	Y	0	8,823	0.8640		1	2010-12	19652	2005
D	284				325	Y	367	7,586	0.8770		1	2009-12	13966	2001
V	282	4.3	14.9	43.0	313	Y	216	8,103	0.8730	39.360	1	2012-12	14665	2002
V	283	2.1	18.5	20.0	319	Y	286	8,210	0.8640	43.010	1	2010-12	09770	1996
D	282				325	Y	334	7,774	0.8770	42.520	1	2010-12	20952	2006
D	284				325	Y	348	7,336	0.8790	42.670	1	2010-12	13966	2001
D	279				336	Y	358	5,830	0.9020	45.160	1	2017-12	11167	2000
V	259	3.6	15.2	51.6	325	N	331	7,170	0.8740		0		04777	1980
V	259	3.7	9.5	30.8	334	Y	261	7,453	0.9020		1	2010-12	04738	1979
V	259	4.3	15.3	42.9	319	N	259	8,294	0.8740		1		03750	1976
D	281				328	Y	351	7,855	0.8720	43.460	1	2016-12	08641	1994
D	282				325	Y	0	8,823	0.8670	43.010	1	2016-12	23260	2007
V	283	2.1	17.0	20.7	322	N	294	8,323	0.8600	42.750	1	2014-12	12570	2000
V	282	7.2	16.5	35.0	315	Y	292	8,084	0.8540	41.580	1		09070	1995
X	264	3.8	19.4	22.0	307	N	447	10,394	0.8110	40.850	1	2014-12	08845	1994
D	0	0.0	0.0	0.0	322	Y	373	7,039	0.8690	43.950	1	2010-12	11508	1999
D		0.0	0.0	0.0	350	Y		22,367	0.9190	40.210	1	2013-12	21204	2006
D	299				353	Y		30,282	0.9610	42.880	1	2011-12	20134	2006
D					378	Y	2,178	33,513	1.0190	35.740	1	2010-12	20091	2005
V	259	37.5	0.3	0.0	362	N	2,836	29,817	0.9810		0		05162	1980
D					325	Y	856	7,947	0.8730	41.840	1	2008-12	20952	2006
D	0	18.9	13.4	43.0	360	Y	1,586	18,886	0.9260	39.030	1	2008-12	04275	2003
D					327	Y	354	6,180	0.8970	46.500	1	2012-12	14807	2002
V	283	2.5	6.7	12.0	331	Y	435	10,067	0.8700	40.690	1	2002-12	08050	1993
D	282				330	Y	387	7,648	0.8750	43.370	1	2015-12	15046	2003
V	150	11.5	8.7	16.0	332	Y	424	10,184	0.8700	40.850	1	2002-12	07988	1992
V	150	10.4	4.7	41.0	361	N	1,752	28,069	0.9600	37.860	0		04946	1980
V	259	6.7	10.0	32.0	324	N	415	9,225	0.8500		0		00240	1957

Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
9000 OTHER AREAS										
D-066-J/094-A-14 - DUNLEVY	4	70.0	3	0	2	1	0.878	3	2	1
D-080-C/094-H-01 - DUNLEVY	12	63.7	8	0	8	0	0.744	6	6	0
D-092-A/094-A-15 - DUNLEVY	4	80.0	3	0	3	0	0.922	3	3	0
D-093-G/094-A-14 - DUNLEVY	19	90.0	17	0	15	2	0.872	15	13	2
D-097-F/094-A-13 - DUNLEVY	25	50.0	13	0	0	13	0.877	11	0	11
D-075-K/094-A-16 - NORDEGG	52	90.0	47	0	32	15	0.748	35	24	11
C-037-H/094-A-16 - NORDEGG-BALDONNEL	101	90.0	91	0	67	24	0.745	68	50	18
D-027-H/094-A-16 - NORDEGG-BALDONNEL	30	75.0	23	0	5	18	0.746	17	4	13
D-064-L/094-A-16 - NORDEGG-BALDONNEL	60	80.0	48	0	1	47	0.748	36	1	35
D-023-E/093-I-15 - PARDONET-BALDONNEL	375	.3	1	0	1	0	0.774	1	0	1
10-24-086-17-W6M - BALDONNEL	31	80.0	25	0	9	16	0.866	22	8	14
10-34-087-16-W6M - BALDONNEL	68	90.0	61	0	46	15	0.867	53	40	13
A-043-I/094-A-14 - BALDONNEL	23	52.0	12	0	12	0	0.882	10	10	0
A-067-F/094-G-07 - BALDONNEL	83	65.0	54	0	0	54	0.819	44	0	44
A-095-G/094-A-14 - BALDONNEL	11	70.0	8	0	4	4	0.871	7	3	4
B-043-B/094-G-07 - BALDONNEL	179	85.0	152	0	118	34	0.799	121	94	27
B-064-G/094-G-07 - BALDONNEL	7	70.0	5	0	3	2	0.790	4	3	1
C-018-G/093-O-09 - BALDONNEL	147	70.0	103	0	0	103	0.429	44	0	44
C-032-F/093-O-09 - BALDONNEL	468	1.0	5	0	1	4	0.370	2	0	2
C-034-L/094-H-06 - BALDONNEL	10	95.0	9	1	8	1	0.744	7	6	1
C-055-J/094-B-10 - BALDONNEL	102	10.0	10	0	1	9	0.811	8	1	7
D-033-K/094-A-11 - BALDONNEL	1	85.6	1	0	1	0	0.888	1	1	0
D-034-I/094-A-14 - BALDONNEL	17	90.0	15	0	12	3	0.882	14	11	3
D-038-E/094-B-09 - BALDONNEL	83	30.0	25	0	23	2	0.825	21	19	2
D-051-C/094-A-16 - BALDONNEL	97	35.3	34	0	34	0	0.744	25	25	0
06-07-085-20-W6M - CHARLIE LAKE	243	50.0	121	0	2	119	0.897	109	2	107
10-22-084-21-W6M - CHARLIE LAKE	27	25.0	7	0	1	6	0.899	6	1	5
B-026-G/094-G-10 - CHARLIE LAKE	85	85.0	72	0	0	72	0.816	59	0	59
D-013-G/094-B-09 - CHARLIE LAKE	38	90.0	34	1	19	15	0.881	30	17	13
09-02-086-17-W6M - SIPHON	128	25.0	32	0	0	32	0.880	28	0	28
C-039-I/094-H-02 - SIPHON	22	80.0	18	0	4	14	0.748	13	3	10
D-043-D/094-H-02 - NANCY	43	1.0	0	0	0	0	0.870	0	0	0
06-11-087-24-W6M - COPLIN	65	50.0	33	0	14	19	0.860	28	12	16
16-17-087-13-W6M - COPLIN	17	80.0	13	0	6	7	0.748	10	5	5

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
9000 OTHER AREAS														
D	282				326	Y	375	9,259	0.8560		1	2011-12	20201	2005
X	0	11.0	18.0	30.0	319	Y	282	8,267	0.8650		1	2014-12	00122	1955
X					322	Y	339	8,211	0.8960	37.590	1	2010-12	16657	2004
D					320	Y	375	8,483	0.8540		1	2015-12	18821	2004
V	259	3.7	5.7	50.5	335	N	431	9,582	0.8640	40.490	0		05689	1981
D					324	Y	0	7,489	0.8810		1	2013-12	13735	2001
V	283	3.7	15.9	30.3	322	Y	294	8,561	0.8670	41.400	1		09815	1996
V	259	1.2	15.9	30.3	314	Y	295	8,239	0.8530	40.710	1	2010-12	03117	1973
V	259	1.5	25.1	18.7	317	Y	288	7,336	0.8720	42.030	1	2005-12	01825	1966
X	298	16.6	6.7	15.0	343	N	625	13,840	0.8620	37.580	1	2014-12	08780	1995
D	259				327	Y	457	10,148	0.8600	41.110	1	2011-12	13223	2000
D	0				328	Y	416	9,472	0.8690	41.240	1	2008-12	19605	2005
D					324	Y	384	9,763	0.8540	41.550	1	2017-12	21264	2006
V	200	5.5	8.7	22.0	330	N	266	11,253	0.8700		0		05539	1981
D	283				327	Y	400	9,990	0.8620	41.160	1	2016-12	23093	2008
V	200	9.1	10.0	17.0	330	Y	302	11,811	0.8600	39.440	1	2008-12	01335	1963
D	279				336	Y	289	11,410	0.8770	38.570	1	2011-12	21949	2006
V	259	5.5	4.0	18.0	359	N	1,983	29,809	0.7500		0	2012-12	01028	1962
V	292	11.3	6.0	35.0	358	N	2,321	34,797	0.7600		0	2014-12	02230	1968
D	279				332	Y	307	6,491	0.8830	45.840	1	2017-12	24772	2009
V	284	10.7	2.0	10.0	333	N	911	18,803	0.8620	37.410	1	2014-12	08425	1994
X	0	11.3	9.6	41.4	327	Y	453	10,913	0.8500	41.310	1	2012-12	06390	1985
D					326	Y		9,800	0.8550	41.320	1	2013-12	21475	2006
M					332	Y	0	16,483	0.8700	38.170	1	2008-12	15294	2003
X	259	4.6	19.9	51.8	324	Y	315	8,432	0.8740	39.570	1	2011-12	03125	1972
V	259	7.6	11.0	35.0	343	Y	1,213	17,320	0.8320	40.720	1		00102	1954
V	259	1.3	7.0	21.5	329	Y	729	13,744	0.8260		1	2009-12	04642	1978
V	276	5.7	9.5	41.6	337	N	349	10,092	0.8790	42.560	0		04782	1979
D	285				326	Y	906	9,808	0.8650		1	2010-12	23015	2007
V	264	4.0	15.6	31.0	327	N	536	10,912	0.8410	42.350	0	2003-12	07970	1992
V	259	1.7	11.1	32.8	331	Y	260	7,122	0.9020		1	2010-12	00721	1961
X	259	1.8	11.0	25.0	333	N	398	10,990	0.8470		0	2014-12	02060	1967
V	259	1.8	12.7	29.1	328	Y	776	14,913	0.8350	39.412	1	2006-12	03070	1972
D	259				342	Y	491	10,246	0.8689		1	2010-12	16931	2004

**Pool Reserve Report - Gas
As of December 31, 2017**

Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
9000 OTHER AREAS										
C-036-H/094-G-10 - COPLIN	15	70.0	10	0	7	3	0.811	8	5	3
D-017-J/094-A-13 - COPLIN	28	90.0	25	0	0	25	0.775	20	0	20
11-26-084-20-W6M - NORTH PINE	92	90.0	83	0	73	10	0.895	74	65	9
11-26-084-23-W6M - PINGEL	32	50.0	16	0	0	16	0.875	14	0	14
B-052-I/094-H-05 - A MARKER/BASE OF LIME	38	80.0	31	0	0	31	0.862	27	0	27
B-085-J/094-A-16 - A MARKER/BASE OF LIME	76	50.0	38	0	10	28	0.748	28	8	20
04-20-082-13-W6M - HALFWAY	47	80.0	38	1	32	6	0.895	34	29	5
05-23-087-14-W6M - HALFWAY	23	90.0	21	0	15	6	0.874	18	13	5
06-01-085-16-W6M - HALFWAY	63	25.0	16	0	0	16	0.870	14	0	14
06-29-081-13-W6M - HALFWAY	12	90.0	11	0	9	2	0.927	10	8	2
07-05-082-19-W6M - HALFWAY	7	40.3	3	0	3	0	0.863	2	2	0
10-27-087-25-W6M - HALFWAY	6	65.0	4	0	3	1	0.869	4	2	2
A-013-K/094-G-01 - HALFWAY	37	70.0	26	0	16	10	0.829	21	13	8
A-060-J/094-H-11 - HALFWAY	11	80.0	9	0	8	1	0.847	7	7	0
B-022-C/094-B-09 - HALFWAY	21	90.0	19	0	2	17	0.886	17	2	15
B-057-D/094-H-01 - HALFWAY	56	80.0	45	2	31	14	0.734	33	23	10
C-033-L/094-G-02 - HALFWAY	102	65.0	66	0	0	66	0.914	60	0	60
C-097-D/094-G-15 - HALFWAY	85	80.0	68	0	0	68	0.853	58	0	58
D-009-C/094-H-01 - HALFWAY	61	43.0	26	0	24	2	0.742	19	18	1
D-026-C/094-H-08 - HALFWAY	17	80.0	14	1	11	3	0.542	8	6	2
D-043-H/094-B-10 - HALFWAY	135	90.0	122	0	113	9	0.811	99	91	8
D-069-C/093-P-10 - HALFWAY	212	85.0	180	0	0	180	0.956	172	0	172
D-095-K/094-H-02 - HALFWAY	102	80.0	82	0	0	82	0.880	72	0	72
B-075-K/094-B-16 - LOWER HALFWAY	29	90.0	26	0	17	9	0.878	23	15	8
A-051-H/094-B-10 - DOIG	157	90.0	141	0	141	0	0.808	114	114	0
C-045-B/094-B-10 - DOIG	310	90.0	279	0	2	277	0.820	229	1	228
D-008-A/094-B-10 - DOIG	40	75.0	30	0	0	30	0.818	25	0	25
02-27-082-16-W6M - BELLOY	81	50.0	41	0	0	41	0.874	36	0	36
06-02-082-23-W6M - BELLOY	30	70.0	21	0	0	21	0.917	19	0	19
16-10-087-22-W6M - BELLOY	224	90.0	202	0	184	18	0.901	181	166	15
A-004-B/094-P-11 - MISSISSIPPIAN	69	90.0	62	1	31	31	0.814	50	25	25
D-092-J/094-P-06 - MISSISSIPPIAN	24	90.0	22	0	20	2	0.795	17	16	1
06-17-083-14-W6M - KISKATINAW	124	60.0	74	0	3	71	0.901	67	3	64
10-27-082-20-W6M - KISKATINAW	185	.5	1	0	1	0	0.909	1	1	0

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
9000 OTHER AREAS														
D	277				335	Y	273	8,357	0.8895	41.300	1	2013-12	12025	1999
V	259	1.2	8.0	27.6	339	N	607	15,679	0.8430	39.950	0	2005-12	04288	1978
D	259		7.8	23.2	328	Y	690	14,090	0.7760	41.910	1	2010-12	05043	1979
V	259	1.8	5.0	27.5	328	N	797	17,651	0.8120		0		03772	1976
V	279	1.4	17.5	10.0	337	N	402	6,651	0.8970	42.830	0		09122	1995
V	282	1.9	20.0	18.0	318	Y	325	8,213	0.8500	41.040	1	2010-12	09070	1995
D		3.0	9.9	22.0	325	Y	906	13,422	0.8340	41.510	1	2015-12	14617	2002
D	0				334	Y	0	6,573	0.9000	42.690	1	2008-12	16014	2003
V	264	4.2	9.3	50.2	333	Y	716	12,376	0.8550	41.330	1	2012-12	06680	1987
D	259				330	Y	0	15,600	0.8280	42.060	1	2010-12	20816	2006
X		13.0	8.1	42.7	333	Y	998	16,390	0.8570	42.890	1	2014-12	05381	1981
D	259	0.0	6.5	25.0	342	Y	821	18,466	0.8300	42.670	1	2010-12	06915	1988
D	281				341	Y	668	12,311	0.8530	42.890	1	2010-12	18363	2004
D					327	Y	262	4,308	0.9200		1	2013-12	16038	2003
V	20	6.1	9.8	21.1	338	Y	1,238	22,711	0.8470		0	2002-12	03390	1974
V	259	3.0	11.8	28.9	328	Y	368	8,667	0.8760	41.180	1	2010-12	01892	1966
V	200	9.0	7.7	12.0	307	N	40	7,736	0.8600		0		05875	1984
V	275	7.6	8.5	25.0	323	N	89	6,522	0.9030		0		02160	1968
V	282	2.0	15.4	21.1	326	Y	366	8,808	0.8700	41.620	1	2008-12	01876	1966
D	280				326	Y	209	6,296	0.9050		1	2014-12	19724	2006
D	285	0.0	12.0	20.0	344	Y	960	17,913	0.8870	38.320	1	2010-12	00433	1959
V	259	13.5	4.2	50.9	358	N	2,186	37,200	1.0070				05352	1980
V	259	4.5	19.7	43.3	331	N	355	7,963	0.8690	42.100	0		06276	1985
D	0	2.1	11.0	8.5	345	Y	832	15,168	0.8700		1	2003-12	07375	1990
D	285	7.0	5.5	15.0	342	Y	1,059	20,338	0.9000	38.150	1	2014-12	10077	2001
V	259	7.6	9.9	26.6	330	Y	1,040	21,422	0.8510		0	2011-12	03471	1974
V	286	8.2	0.8	5.0	333	N	1,004	21,774	0.8210	44.480	0		03640	1976
V	259	2.7	8.0	25.0	339	N	1,335	19,560	0.8450		0		00135	1955
V	200	4.0	4.3	37.0	350	N	1,582	14,917	0.8800		0		05324	1980
D	0	5.2	11.7	13.5	357	Y	1,251	17,653	0.7950	40.430	1	2008-12	05739	1982
D	263				292	Y	94	3,630	0.9280	37.750	1	2014-12	14417	2002
D					295	Y	100	3,125	0.9350		1	2012-12	15232	2003
V	200	4.5	11.4	34.0	355	Y	1,634	20,569	0.9000	39.390	1	2006-12	05771	1982
X	264	6.9	7.1	34.5	351	N	2,410	24,938	0.9270		1	2014-12	05125	1980

Pool Reserve Report - Gas As of December 31, 2017

Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
9000 OTHER AREAS										
15-35-085-15-W6M - KISKATINAW	19	80.0	15	0	11	4	0.888	13	10	3
D-095-K/094-B-07 - GOLATA	222	5.0	11	0	0	11	0.859	10	0	10
A-024-D/094-P-06 - UPPER DEBOLT	35	80.0	28	0	21	7	0.733	20	15	5
A-059-F/094-J-02 - UPPER DEBOLT	8	70.0	6	0	4	2	0.859	5	4	1
07-26-084-22-W6M - DEBOLT	126	90.0	113	0	6	107	0.862	98	5	93
A-023-I/094-I-04 - DEBOLT	40	90.0	36	0	0	36	0.856	31	0	31
A-051-H/094-B-10 - DEBOLT	138	90.0	124	0	124	0	0.767	95	95	0
A-063-G/094-I-01 - DEBOLT	62	36.5	22	0	22	0	0.835	19	19	0
A-071-D/094-P-06 - DEBOLT	3	80.1	2	0	2	0	0.831	2	2	0
A-075-E/094-G-01 - DEBOLT	13	80.0	10	0	5	5	0.906	9	5	4
B-024-B/094-P-11 - DEBOLT	40	50.0	20	0	14	6	0.752	15	10	5
B-041-K/094-I-01 - DEBOLT	116	80.0	93	0	19	74	0.838	78	16	62
B-064-E/094-G-15 - DEBOLT	162	90.0	146	0	0	146	0.859	125	0	125
B-085-E/094-G-02 - DEBOLT	1,106	55.0	608	0	597	11	0.794	483	474	9
C-004-D/094-P-06 - DEBOLT	35	50.0	17	0	16	1	0.777	14	13	1
C-036-I/094-P-04 - DEBOLT	12	70.0	8	0	3	5	0.797	7	2	5
C-053-D/094-P-06 - DEBOLT	92	75.0	69	0	53	16	0.780	54	42	12
C-053-J/094-G-03 - DEBOLT	621	37.0	230	0	220	10	0.795	183	175	8
C-097-D/094-G-15 - DEBOLT	62	50.0	31	0	0	31	0.853	26	0	26
D-013-D/094-P-06 - DEBOLT	13	70.0	9	0	7	2	0.751	7	5	2
D-019-E/094-G-15 - DEBOLT	129	50.0	64	0	0	64	0.858	55	0	55
D-027-H/094-G-10 - DEBOLT	242	90.0	218	0	187	31	0.816	178	152	26
D-041-H/094-I-07 - DEBOLT	13	71.3	9	0	9	0	0.816	8	8	0
D-047-H/094-P-06 - DEBOLT	94	55.0	52	0	49	3	0.736	38	36	2
D-055-L/094-P-11 - DEBOLT	63	75.0	47	0	0	47	0.792	37	0	37
D-057-H/094-B-09 - DEBOLT	466	90.0	419	0	0	419	0.856	359	0	359
D-059-I/094-B-09 - DEBOLT	124	.4	0	0	0	0	0.892	0	0	0
D-095-K/094-B-07 - DEBOLT	196	50.0	98	0	0	98	0.859	84	0	84
B-055-J/094-I-08 - ELKTON	23	90.0	21	1	10	11	0.849	18	9	9
A-061-H/094-G-14 - SHUNDA	110	50.0	55	0	0	55	0.860	47	0	47
D-075-E/094-B-16 - SHUNDA	566	80.0	452	0	0	452	0.876	396	0	396
D-075-C/094-I-16 - PEKISKO	45	80.0	36	1	19	17	0.829	30	15	15
D-042-H/094-P-11 - BANFF	8	70.0	5	0	5	0	0.809	4	4	0
B-010-D/094-I-16 - KAKISA	31	90.0	27	1	20	7	0.856	24	17	7

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
9000 OTHER AREAS														
D					343	Y	1,047	15,684	0.8580		1	2009-12	20799	2006
V	286	8.5	4.0	10.0	361	N	2,040	29,736	0.9250		0	2014-12	14328	2002
D					306	Y		3,662	0.9310	38.350	1	2012-12	18753	2005
D					321	Y		10,071	1.0100	38.720	1	2016-12	12698	2000
V	259	1.5	17.0	11.6	340	Y	1,406	23,334	0.9060		1		05659	1981
V	273	2.1	11.0	28.0	317	N	320	8,508	0.8670	41.475	0	2014-12	03914	1977
D	285	0.0	4.9	20.0	370	Y	2,194	29,736	0.9360	37.740	1	2014-12	10077	1997
X	259	4.3	15.6	40.7	315	Y	61	5,947	0.8990	39.810	1	2009-12	06231	1985
X					307	Y	61	4,240	0.9290	37.950	1	2010-12	15952	2003
D	281				358	Y	0	20,271	0.9110		1	2010-12	18990	2005
V	259	12.0	7.2	54.5	296	Y	8	3,763	0.9260		1	2012-12	05531	1981
V	273	6.1	16.6	28.9	310	Y	62	5,835	0.9050	38.220	1	2002-12	08512	1994
V	275	9.4	6.4	15.8	342	N	540	12,351	0.8830		0	2010-12	07189	1990
M	0	40.2	5.8	15.7	320	Y	416	13,261	0.7920	37.580	1	2010-12	08313	1994
D					306	Y	67	4,386	0.9250	36.640	1	2008-12	16925	2004
V	280	3.0	8.8	67.0	311	Y		4,790	0.9010		1	2012-12	23945	2008
V	259	4.0	27.3	26.7	303	Y	7	4,309	0.9140	37.700	1	2008-12	00717	1961
M	0	8.0	2.1	37.0	311	Y		11,590	0.7730	37.310	1	2011-12	09984	1998
V	62	6.4	15.0	25.0	339	N	727	14,755	0.8900		0		02160	1968
D	265				309	Y		4,067	0.9490	38.370	1	2011-12	20731	2006
V	276	12.0	6.4	59.7	348	N	836	16,210	0.8780		0	2008-12	05628	1981
V	277	7.5	9.1	12.7	353	Y	863	15,899	0.8720	41.450	1	2010-12	09493	1996
D					305	Y	63	5,538	0.8430	30.820	1	2012-12	15539	2003
D					301	Y	99	3,794	0.9280		1	2015-12	20222	2006
V	259	4.6	16.6	16.7	294	N	9	3,647	0.9260		0		03461	1974
V	259	16.4	7.7	25.4	353	N	1,537	20,626	0.8700	42.190	0	2014-12	04922	1979
X	200	6.7	6.1	26.0	341	N	1,433	20,850	0.8500		1	2014-12	04232	1978
V	286	10.0	3.0	10.0	361	N	2,212	29,736	0.9250		0	2003-12	14328	2002
D	271				304	Y	13	3,841	0.9230		1	2010-12	23549	2008
V	275	9.7	4.1	42.0	350	N	966	19,267	0.9030		0	2009-12	21291	2006
V	283	19.5	7.0	34.3	358	N	1,644	26,625	0.9490	37.720		2014-12	05241	1980
D	268		8.6	8.6	300	Y	2	2,119	0.9580	38.740	1	2017-12	06162	1985
D	262				300	Y	12	3,673	0.9250	37.930	1	2012-12	17141	2003
D					321	Y		6,101	0.8830		1	2013-12	18141	2006

Field / Pool / Project	1	2	3	4	5	6	7	8	9	10
	Original Gas In Place 10E6 m3	Recovery Factor %	Initial Reserves (Raw) 10E6 m3	Annual Prod (Raw) 10E6 m3	Cumul Prod (Raw) 10E6 m3	Remaining Reserves (Raw) 10E6 m3	Shrink Factor	Initial Reserves (Mktble) 10E6 m3	Cumul. Prod (Mktble) 10E6 m3	Remain'g Reserves (Mktble) 10E6 m3
9000 OTHER AREAS										
B-008-G/094-P-14 - JEAN MARIE	32	90.0	28	0	20	8	0.812	23	17	6
C-039-G/094-P-14 - JEAN MARIE	47	90.0	42	1	35	7	0.812	34	28	6
B-092-A/094-O-16 - MUSKWA-OTTER PARK-SLAVE POINT	20	50.0	10	0	1	9	0.737	7	1	6
B-085-A/094-O-09 - MIDDLE DEVONIAN	67	90.0	61	0	0	61	0.736	45	0	45
A-030-K/094-J-08 - SLAVE POINT	49	65.0	32	0	0	32	0.787	25	0	25
A-071-D/094-J-07 - SLAVE POINT	147	65.0	95	0	0	95	0.806	77	0	77
A-081-F/094-J-08 - SLAVE POINT	225	.3	1	0	0	1	0.793	0	0	0
C-004-E/094-I-15 - SLAVE POINT	459	65.0	298	0	0	298	0.735	219	0	219
C-095-L/094-I-12 - SLAVE POINT	178	50.0	89	0	0	89	0.752	67	0	67
D-006-J/094-G-07 - SLAVE POINT	26	90.0	24	0	16	8	0.779	18	13	5
D-066-I/094-I-16 - SLAVE POINT	143	65.0	93	0	0	93	0.753	70	0	70
B-050-F/094-I-05 - SULPHUR POINT	369	65.0	240	0	0	240	0.783	188	0	188
A-044-H/094-P-09 - PINE POINT	164	65.0	106	0	0	106	0.761	81	0	81
B-023-E/094-J-08 - PINE POINT	163	30.0	49	0	0	49	0.762	37	0	37
B-085-A/094-O-09 - PINE POINT	70	90.0	63	0	5	58	0.736	46	3	43
B-086-K/094-J-02 - PINE POINT	207	17.4	36	0	36	0	0.778	28	28	0
C-006-H/094-P-09 - PINE POINT	56	65.0	36	0	0	36	0.862	31	0	31
C-008-G/094-P-04 - PINE POINT	32	90.0	29	0	27	2	0.726	21	20	1
C-026-A/094-O-09 - PINE POINT	168	80.0	134	0	0	134	0.743	100	0	100
C-071-I/094-I-13 - PINE POINT	141	90.0	127	0	53	74	0.630	80	33	47
D-050-D/094-J-08 - PINE POINT	23	50.0	12	0	0	12	0.852	10	0	10
D-069-L/094-P-04 - PINE POINT	13	70.0	9	0	9	0	0.741	7	7	0
TOTAL FIELD	16,390		10,205	33	3,778	6,427		8,297	3,061	5,236
9021 HERITAGE										
MONTNEY - A	5,928,021	12.0	711,363	24,227	*****	570,882	0.883	627,777	*****	503,803
MONTNEY - A - TOWER	SOLN 60,658	15.0	9,099	644	1,512	7,587	0.893	8,123	1,350	6,773
TOTAL FIELD	5,988,679		720,462	24,871	141,993	578,469		635,900	125,324	510,576

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
9000 OTHER AREAS														
D	260				346	Y		5,881	0.9400	37.690	1	2012-12	18697	2005
D	260				346	Y		5,881	0.9400		2	2012-12	20226	2006
V	260	8.0	2.0	70.0	391	Y	1,601	21,155	0.9460	38.330	1	2012-12	07831	1992
V	266	3.5	5.1	22.0	410	Y	1,826	25,780	0.9850		0	2004-12	13795	2003
V	200	5.2	4.0	21.0	391	N	1,649	19,650	0.9600	35.970	0		00999	1962
V	259	10.0	5.1	34.0	390	N	1,788	21,803	0.9450		0		05308	1980
X	271	16.3	5.5	40.0	387	N	1,646	19,945	0.9480	36.200	1	2014-12	07553	1991
V	259	17.7	8.7	25.8	348	Y	1,363	16,947	0.8930	37.200	1	2012-12	03498	1974
V	200	13.1	5.9	19.0	384	N	1,567	18,064	0.9400		0		01239	1963
D	279				417	Y	0	33,688	1.0450		1	2010-12	19815	2006
V	200	14.2	6.2	43.0	352	N	1,203	15,514	0.8800	37.090	0		05262	1980
V	259	14.0	12.0	45.2	400	N	1,724	20,891	0.9590		0		01835	1966
V	259	20.0	3.6	37.0	387	N	1,392	17,595	0.9290	37.310	0		05748	1983
V	200	6.4	8.2	10.0	391	N	1,782	21,346	0.9000	37.330	1	2014-12	05130	1980
V	266	4.2	4.2	18.0	410	Y	1,902	25,780	0.9850	37.400	2	2004-12	13795	2003
X	273	10.0	5.5	29.7	366	Y	1,960	23,807	0.9430		1	2009-12	03830	1977
V	259	8.9	2.9	40.7	387	N	1,429	17,857	0.9290	37.430			06220	1985
D	0	0.0	0.0	0.0	399	Y	1,671	21,523	0.9550	37.460	1	2010-12	13807	2001
V	86	24.2	5.5	23.2	401	N	1,867	26,280	0.9780		0		05605	1982
D	267				369	Y	1,662	6,383	0.9410	37.270	1	2010-12	21944	2007
V	200	1.7	5.0	19.0	389	N	1,846	21,816	0.9500	36.980			05801	1983
X					402	Y		26,923	0.9870		1	2010-12	09161	2003
9021 HERITAGE														
D			7.1	20.0	354	Y	1,566	29,844	0.9320	39.545	****	2017-12	05691	1982
D					338	Y	1,262			48.071	120	2017-12	23566	2008

Field / Pool / Project	1 Original Gas In Place 10E6 m3	2 Recovery Factor %	3 Initial Reserves (Raw) 10E6 m3	4 Annual Prod (Raw) 10E6 m3	5 Cumul Prod (Raw) 10E6 m3	6 Remaining Reserves (Raw) 10E6 m3	7 Shrink Factor	8 Initial Reserves (Mktble) 10E6 m3	9 Cumul. Prod (Mktble) 10E6 m3	10 Remain'g Reserves (Mktble) 10E6 m3
9022 NORTHERN MONTNEY										
DOIG PHOSPHATE-MONTNEY - A	905,783	12.0	108,694	3,820	19,236	89,458	0.904	98,270	17,392	80,878
MONTNEY - A	2,954,481	12.0	354,538	10,136	36,467	318,071	0.873	309,511	31,836	277,675
MONTNEY - A - NORTHERN MONTNEY OIL WELLS SOLN	1,735	15.0	260	8	60	200	0.890	232	53	179
TOTAL FIELD	3,861,999		463,492	13,964	55,763	407,729		408,013	49,281	358,732
9030 DEEP BASIN										
CADOMIN - A	36,545	70.0	25,582	580	17,320	8,262	0.918	23,471	15,891	7,580
TOTAL FIELD	36,545		25,582	580	17,320	8,262		23,471	15,891	7,580
9045 HORN RIVER										
DEBOLT	29	50.0	15	0	5	10	0.718	10	4	6
MUSKWA-OTTER PARK - A	620,841	10.0	62,084	2,085	23,800	38,284	0.817	50,729	19,447	31,282
MUSKWA-OTTER PARK - D	2,766	1.0	28	0	19	9	0.863	24	16	8
EVIE - A	168,685	10.0	16,869	458	7,089	9,780	0.717	12,101	5,086	7,015
EVIE - E	1,426	.5	7	0	6	1	0.802	6	5	1
TOTAL FIELD	793,747		79,003	2,543	30,919	48,084		62,870	24,558	38,312
9046 LIARD										
BESA RIVER - A	29,329	10.0	2,933	500	1,495	1,438	0.863	2,530	1,289	1,241
TOTAL FIELD	29,329		2,933	500	1,495	1,438		2,530	1,289	1,241
Report Totals:	12,278,226		2,467,579	50,466	1,112,878	1,354,701		2,063,545	897,272	1,166,273

***** Totals may not add up exactly due to rounding. *****
This information is provided for the convenience of the public.
The Oil and Gas Commission does not assume liability for any errors or omissions.

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Official Calc Method	Area ha	Net Pay Thick (m)	Porosity %	SW %	Form Temp (Deg-K)	Proj Status	Datum Depth (m-SS)	Initial Pressure (kPaa)	Z Factor	Heat Rate (MJ/m3)	Well Count At Year End	Date Last Updated yyyy-mm	Discovery WA	Discovery Year yyyy
9022 NORTHERN MONTNEY														
D					342	Y		34,352	0.9820	43.265	407	2017-12	13237	2006
D					344	Y		24,289	0.8710	43.463	957	2017-12	08882	1995
D					340	Y				47.286	7	2017-12		
9030 DEEP BASIN														
D	0	9.8	5.9	37.0	359	Y	2,298	20,620	0.9100	37.189	574	2015-12	04498	1980
9045 HORN RIVER														
V	534	2.0	9.5	32.0	300	Y	80	4,013	0.9010	38.970	3	2012-12	24471	2008
D		102.0	5.0	20.0	399	Y		31,283	0.9760	36.333	165	2017-12	15498	2003
V	534	73.6	5.0	20.0	368	Y	1,530	21,173	0.9300	37.750	1	2017-12	25177	2009
D	49,662		5.0	20.0	408	Y		35,575	1.0150	35.953	70	2017-12	22526	2007
V	540	30.0	5.0	20.0	408	Y	1,717	32,362	1.0250	37.508	2	2017-12	24657	2009
9046 LIARD														
D			6.0	20.0	418	Y		78,919	1.4580	35.796	7	2012-12	24902	2009

***** Totals may not add up exactly due to rounding. *****
This information is provided for the convenience of the public.
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