

January 20, 2020

4900-4575-59240-09

Ryan Gill, EIT
Production Engineering
Canadian Natural Resources Limited
2500, 855 – 2nd St SW
Calgary, AB T2P 4J8

Dear Mr. Gill:

**RE: PRESSURE MAINTENANCE WATERFLOOD
INGA FIELD – INGA “A” POOL UNIT #2**

The Commission is presently reviewing and amending waterflood approvals to conform to current requirements. The waterflood project in the Inga field, Inga 'A' pool, Unit #2, approved on April 23, 1971, has been reviewed by Commission staff. The attached Table 1 lists the completed wells in the subject project. Though there is still a single active oil production well in the pool, CNRL et al Inga 13-5-87-23 (WA 20997), Commission records for the project indicate that injection ceased in November of 2015.

Due to the lack of injection for several years and lack of intentions to recommence injection by Canadian Natural Resources Limited, communicated via email dated November 20, 2019, the pressure maintenance waterflood project approval issued April 23, 1971, for the Inga field, Inga 'A' pool, Unit #2, will be terminated as of February 3, 2020, unless this office is contacted prior to that date with a valid reason for continuing the project.

Please contact Logan Gray at (250) 419-4465 or the undersigned at (250) 419-4430 should you have any questions.

Sincerely,



Ron Stefik, EngL
Supervisor, Reservoir Engineering
Oil and Gas Commission

Attachment

Table 1 Wells in the Inga field, Inga 'A' Pool, Unit #2 Project

WA #	Well Name	Mode	Fluid	Operation	UWI
2122	CNRL ET AL INGA 16-07-087-23	ABNZ	OIL	PROD	100/16-07-087-23W6/00
2145	CNRL ET AL INGA 06-07-087-23	ABAN	OIL	PROD	100/06-07-087-23W6/00
2151	CNRL ET AL INGA 16-36-086-24	ABNZ	WATR	INJ	100/16-36-086-24W6/00
2156	CNRL ET AL INGA 16-12-087-24	ABAN	OIL	PROD	100/16-12-087-24W6/00
2166	CNRL INGA 16-35-086-24	ABAN	OIL	PROD	100/16-35-086-24W6/00
2169	CNRL ET AL INGA 06-19-087-23	ABNZ	OIL	PROD	100/06-19-087-23W6/00
2180	CNRL ET AL INGA 16-06-087-23	ABAN	OIL	PROD	100/16-06-087-23W6/00
2188	CNRL ET AL INGA 06-19-086-23	ABAN	WATR	INJ	100/06-19-086-23W6/00
2189	CNRL ET AL INGA 06-18-087-23	ABNZ	WATR	INJ	100/06-18-087-23W6/00
2191	CNRL ET AL INGA 06-05-087-23	ABAN	OIL	PROD	100/06-05-087-23W6/00
2194	CNRL ET AL INGA A06-30-087-23	ABAN	OIL	PROD	102/06-30-087-23W6/00
2198	CNRL ET AL INGA 06-36-086-24	ABAN	WATR	INJ	100/06-36-086-24W6/00
2202	CNRL ET AL INGA 06-08-087-23	ABAN	OIL	PROD	100/06-08-087-23W6/00
2206	CNRL ET AL INGA 06-31-086-23	ABAN	WATR	INJ	100/06-31-086-23W6/00
2213	CNRL ET AL INGA 06-17-086-23	ABAN	WATR	INJ	100/06-17-086-23W6/00
2224	CNRL ET AL INGA 16-25-086-24	ABAN	OIL	PROD	100/16-25-086-24W6/00
2251	CNRL ET AL INGA 06-20-086-23	ABNZ	OIL	PROD	100/06-20-086-23W6/00
2270	CNRL ET AL INGA 16-18-086-23	ABNZ	OIL	PROD	100/16-18-086-23W6/00
2298	CNRL ET AL INGA 16-24-086-24	ABAN	OIL	PROD	100/16-24-086-24W6/00
2299	CNRL ET AL INGA 16-07-086-23	ABAN	WATR	INJ	100/16-07-086-23W6/00
2328	CNRL ET AL INGA 06-30-086-23	SUSP	OIL	PROD	100/06-30-086-23W6/00
2340	CNRL ET AL INGA 06-08-086-23	ABAN	OIL	PROD	100/06-08-086-23W6/00
2351	CNRL ET AL INGA 06-05-086-23	SUSP	OIL	PROD	100/06-05-086-23W6/00
2360	CNRL ET AL INGA 16-19-087-23	ABAN	OIL	PROD	100/16-19-087-23W6/00

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WA #	Well Name	Mode	Fluid	Operation	UWI
2395	CNRL ET AL INGA 16-06-086-23	ABAN	WATR	INJ	100/16-06-086-23W6/00
2404	CNRL ET AL INGA 16-31-085-23	ABAN	OIL	PROD	100/16-31-085-23W6/00
2407	CNRL ET AL INGA 06-18-086-23	ABNZ	WATR	INJ	100/06-18-086-23W6/00
2416	CNRL ET AL INGA 06-06-086-23	ABAN	OIL	PROD	100/06-06-086-23W6/00
2561	CNRL ET AL INGA 06-07-086-23	ABAN	OIL	PROD	100/06-07-086-23W6/00
2594	CNRL ET AL INGA 16-18-087-23	ABAN	WATR	INJ	100/16-18-087-23W6/00
2658	CNRL ET AL INGA 16-30-087-23	ABAN	WATR	INJ	100/16-30-087-23W6/00
2720	CNRL ET AL INGA 16-36-087-24	ABNZ	WATR	INJ	100/16-36-087-24W6/00
2731	CNRL ET AL INGA 08-06-087-23	ABNZ	OIL	PROD	100/08-06-087-23W6/00
2755	CNRL ET AL INGA 06-31-087-23	ABNZ	OIL	PROD	100/06-31-087-23W6/00
2762	CNRL ET AL INGA 14-20-086-23	ABAN	OIL	PROD	100/14-20-086-23W6/00
2764	CNRL ET AL INGA 08-01-088-24	ABAN	OIL	PROD	100/08-01-088-24W6/00
2770	CNRL ET AL INGA 06-29-087-23	ABAN	OIL	PROD	100/06-29-087-23W6/00
2798	CNRL ET AL INGA 06-20-087-23	ABAN	OIL	PROD	100/06-20-087-23W6/00
2940	CNRL ET AL INGA 14-18-087-23	ABNZ	WATR	INJ	100/14-18-087-23W6/00
2941	CNRL ET AL INGA 15-08-086-23	ABAN	WATR	INJ	100/15-08-086-23W6/00
2942	CNRL ET AL INGA 08-36-086-24	ABAN	WATR	INJ	100/08-36-086-24W6/00
2943	CNRL ET AL INGA 14-07-086-23	ABAN	WATR	INJ	100/14-07-086-23W6/00
2953	CNRL ET AL INGA 12-31-087-23	ABAN	GAS	PROD	100/12-31-087-23W6/00
3188	ROGCI ET AL INGA 16-13-086-24	ABAN	WATR	INJ	100/16-13-086-24W6/00
3198	CNRL ET AL INGA 14-31-087-23	ABAN	WATR	INJ	100/14-31-087-23W6/00
7737	CNRL ET AL INGA 13-30-087-23	ABAN	OIL	PROD	100/13-30-087-23W6/00
8132	CNRL ET AL INGA 14-05-086-23	ABAN	WATR	INJ	100/14-05-086-23W6/00
8138	CNRL ET AL INGA 14-17-086-23	ABAN	WATR	OBS	100/14-17-086-23W6/00
12305	CNRL ET AL INGA 07-07-087-23	ABAN	OIL	PROD	100/07-07-087-23W6/00
20997	CNRL ET AL INGA 13-05-087-23	ACT	OIL	PROD	100/13-05-087-23W6/00
21038	CNRL ET AL INGA 08-06-086-23	ABNZ	OIL	PROD	100/08-06-086-23W6/00