



Province of
British Columbia

Ministry of
Energy, Mines and
Petroleum Resources

Approval letters to industry

bcc: D.L. Johnson
Resource Revenues
Data Management
S. Foofat
D. Richardson
Wellfile

S. Chic

Suncor Project (02)

December 10, 1992

Mr. Brian Morse, P. Eng.
Reservoir Engineer
Suncor Inc.
112 - 4th Avenue S.W.
Calgary, Alberta
T2P 2V5

Dear Mr. Morse:

RE: APPLICATION FOR GOOD ENGINEERING PRACTICE
ADSETT ~~PINE~~ POINT "A" POOL

This is with respect to your application of August 18, 1992, requesting approval to produce gas under a Good Engineering Practice (GEP) scheme from a part of the subject pool.

We do not fully concur with your geological interpretation of the pool. The ministry maps four productive gas wells in the pool. Although the Slave Point reservoir is undoubtedly cut by several normal faults, it is not yet clear whether these faults will act as fluid barriers. Therefore, the ministry mapping will not be changed until additional production and pressure information is acquired.

Based on your application it is agreed that operational flexibility requested by you will balance the wellbore drawdowns and, consequently, enhance conservation objectives.

Attached is Approval #92-06-008 for the application granted under Part 8, Division 6, section 104 of the British Columbia Drilling and Production Regulation.

Yours sincerely,

B. van Oort
Acting Director
Engineering and Operations Branch

PSA/mef

Attachment



December 7, 1992

921161b

0050-8400-59240-06

Peter Ostergaard
Assistant Deputy Minister
Energy Resources Division

RE: APPLICATION FOR GOOD ENGINEERING PRACTICE
ADSETT SLAVE POINT "A" POOL

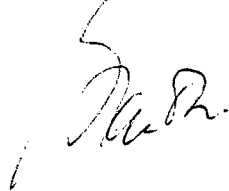
Attached is a Good Engineering Practice (GEP) approval letter for your signature.

Suncor Inc. has made an application for a GEP scheme approval for a portion of the subject pool. The Adsett ~~Pine~~^{Slave} Point "A" pool consists of four gas wells of which two wells, d-41-G and d-A53-G/94-J-2, are within the proposed scheme area. These wells have been on production since March 1992 with production restricted to their individual well gas allowables. The well d-41-G produces its allowable of 2.5 MMcf/d with a low drawdown of 3% but it is hindered by hydrate problems because of its low production rates. The well d-A53-G produces its allowable of 9.7 MMcfd with a high drawdown of 33%. Suncor is proposing to produce these wells at moderate drawdown of about 16% as this will reduce the risk of water coning. We concur that operational flexibility requested by Suncor in the GEP approval will enhance conservation objectives.

The proposed GEP allowable of 12.2 MMcfd, being the sum of the two individual well gas allowables, should not result in any correlative rights concerns.

Attached is Approval #92-06-008 for the application under Part 8, Division 6, section 104 of the B.C. Drilling and Production Regulation.

Your concurrence and approval is hereby solicited.


B. van Oort
Acting Director
Engineering and Operations Branch

PSA/mef

Attachment

APPROVAL 92-06-008

THE PROVINCE OF BRITISH COLUMBIA
PETROLEUM AND NATURAL GAS ACT
DRILLING AND PRODUCTION REGULATION
MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES
ENERGY RESOURCES DIVISION

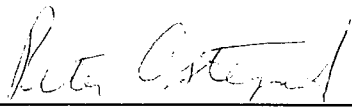
IN THE MATTER of a Good Engineering Practice (GEP) scheme of Suncor Inc. (Suncor) for producing a portion of the Adsett Slave Point "A" Pool with a project gas allowable.

NOW, THEREFORE, the Division Head, pursuant to Part 8, Division 6, section 104 of the Drilling and Production Regulation, hereby approves the GEP scheme of Suncor for gas production with project allowables, as such scheme is described in

- (a) Application from Suncor to the Division dated August 18, 1992, and related submission.

This scheme is approved, subject to the conditions herein contained and, in particular:

1. The area of the project shall consist of units 31-33, 41-43, 51-53, 61-63 of Block G/94-J-2 and units 40, 50, 60, 70 of Block H/94-J-2.
2. The project gas allowable, being the sum of individual well allowables, is 345.1 E³m³/d (12.2 MMcf/d).
3. The approval may be modified or rescinded at a later date if deemed appropriate.



Peter Ostergaard
Assistant Deputy Minister
Energy Resources Division

DATED AT the City of Victoria, in the Province of British Columbia, this 9th day of December, 1992.



Province of
British Columbia

Ministry of
Energy, Mines and
Petroleum Resources

Parliament Buildings
Victoria
British Columbia
V8V 1X4

*Approval s.
S. Foster.*

May 14, 1992

File WA 5768
920468

Mr. Brian Morse, P. Eng.
Reservoir Engineer
Suncor Inc.
P.O. Box 38, 112 - 4th Ave. S.W.
Calgary, Alberta
T2P 2V5

Dear Mr. Morse:

**RE: APPLICATION FOR A TEMPORARY ANNUALIZED
GAS ALLOWABLE SUNCOR ET AL ADSETT
D-41-g/94-j-2; SLAVE POINT**

(WA# 5768)

This acknowledges receipt of your application dated May 12, 1992, requesting a temporary annual gas allowable for the subject well.

We wish to advise that an annual allowable of 26.4 e6m3 is hereby approved.

This approval may be modified or rescinded if excessive water production occur at maximum gas rate.

Yours sincerely,

for

B. van Oort, Manager
Reservoir Engineering
Engineering and Operations Branch

PSA:nhc



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B. van Oort
Acting Director
Engineering and Operations Branch

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APPROVAL 92-06-008

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PETROLEUM AND NATURAL GAS ACT
DRILLING AND PRODUCTION REGULATION
MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES
ENERGY RESOURCES DIVISION


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Energy Resources Division

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