



Province of
British Columbia

Ministry of
Energy, Mines and
Petroleum Resources

Approval letters to industry
cc: D.L. Johnson
Petroleum Revenues
Engineering Systems
Approvals Books
S. Foofat
Wellfile

January 14, 1992

920044

Mr. L.J. Schneider, President
Canadian Jorex Limited
2870, 250 - 6th Avenue S.W.
Calgary, Alberta
T2P 3H7

Dear Mr. Schneider:

RE: MODIFICATION TO CONCURRENT PRODUCTION SCHEME
26-84-17 W6, Flatrock - Halfway 'E' Pool

This refers to your application dated November 29, 1991, requesting a daily oil allowable for the well CJX PPEC Flatrock 6-26-84-17 (W.A. #7756).

A concurrent production scheme was approved for this section effective July 6, 1984, copy attached. The subject of a proposed well being drilled in the 6-26 location was addressed in a Ministry letter dated April 29, 1985, also see copy attached. Amendments to the conditions of the concurrent production scheme are as follows:

2. & 3. The daily oil and gas allowables of each well are as follows:

Well	Oil Allowable (m ³ /d)	Gas Allowable (10 ³ m ³ /d)
10-26-84-17	12.0	17.1
6-26-84-17	10.1	9.0

The remaining conditions of our original approval remain unchanged.

If you have any questions, please contact Peter Attariwala at (604) 356-2762.

Yours sincerely,

B.E. Hanwell
Director
Engineering and Operations Branch

Attachments

cc: Prairie Pacific Energy Corporation

Form 9



Well Authorization No. 7756
U.W.I. 6-26-84-17-W6M

Province of British Columbia
Ministry of Energy, Mines and Petroleum Resources

APPLICATION FOR DAILY OIL ALLOWABLE (DOA) INDIVIDUAL WELL

Form to be submitted in duplicate to the Energy Resources Division, Ministry of Energy, Mines and Petroleum Resources, Victoria, B.C.

Initial Application/Revision No.

Well name C/JX PPEC Flatrock Location 6-26-84-17-W6M

Field Flatrock Pool Halfway

Factors	Nominal Values	Owner's Calculations		Branch Calculations
		Values Obtained From	Values Used in This Calculation	
Depth to top oil pay	mKb	logs	1473.5	1473.4
Depth to bottom oil pay	mKb	logs	1477.0	1477.0
Average net pay thickness	metres	logs	3.5	3.6
Average net porosity	10 per cent	logs	18	17.1
Average interst. water	25 per cent	logs	30	45.2
Average shrinkage	0.75	Consultant Report	0.80	0.800
Recovery factor	20 per cent	Consultant Report	0.20	20.
Expected uniform rate life	10 years	16m ³ /d, 45,648m ³	7.8	10.
Assigned area	hectares	Pool Maps	64	65.2
$F_{PS} = \left(\frac{\emptyset}{10}\right) \left(\frac{100-C}{75}\right) \left(\frac{S}{0.75}\right) =$			1.792	1.333
$F_{RL} = \left(\frac{R}{20}\right) \left(\frac{10}{L}\right) =$			1.282	1.000
$F_A = \left(\frac{A}{31.05}\right) =$			2.061	2.100
UDOAA = (h) $\left(\frac{F}{PS}\right) \left(\frac{F}{RL}\right) \left(\frac{F}{A}\right) =$ m ³ /d			16.57	10.1

Dated at Calgary, Alberta this 29 day of November 19 91

Signed by Craig Hansen *C.H.* Company Canadian Jorex Limited
Position Engineering Consultant

(For Division use only.)

* Note: Daily Gas Allowable = DOA * 5 * 177.3 = 9.0 10³ m³ / d
APPROVAL

Off-target penalty factor 1.000 Daily oil allowable 10.1 m³/d, before gas-oil ratio penalty.

Date effective November 29, 1991

Field Flatrock Pool Halfway 'E'

Dated January 13, 1992

Row Still