



October 6, 1997

File: 4700-8200-59240-06  
Reference: 970896

Ms. Iska Kolackovsky  
Engineering Technician  
Penn West Petroleum Ltd.  
PO Box 1450, Station M  
Calgary, AB T2P 2L6

*Penn West Project (03)  
(all wells presently mapped as "F" pool)*

Dear Ms. Kolackovsky:

**RE: GOOD ENGINEERING PRACTICE APPROVAL  
HELMET JEAN MARIE**

Attached is a Good Engineering Practice (GEP) scheme approval for a portion of the subject zone, as requested in your application of September 4, 1997.

The Approval 97-06-008 is hereby granted under Part 8, Division 6, section 104 of the British Columbia *Drilling and Production Regulation*.

This approval is intended to allow operational flexibility for drilling wells without spacing and target considerations while maximizing gas recovery.

The Helmet Jean Marie "J", single well oil pool, included in your request, was granted a Concurrent Production approval dated June 24th, 1997. That approval will become effective once gas is conserved.

Yours sincerely,

Bou van Oort, P. Eng.  
Director  
Engineering and Operations Branch

Attachment

Copies for Approval Letter to Industry (11)  
RE: GEP, Salt Water Disposals, etc.

- |                          |                       |
|--------------------------|-----------------------|
| <input type="checkbox"/> | G. Miltenberger       |
| <input type="checkbox"/> | Data Management       |
| <input type="checkbox"/> | R. Stefik             |
| <input type="checkbox"/> | D. Richardson         |
| <input type="checkbox"/> | P. Attariwala         |
| <input type="checkbox"/> | G. Farr               |
| <input type="checkbox"/> | S. Chicorelli         |
| <input type="checkbox"/> | Resource Revenue      |
| <input type="checkbox"/> | 59240                 |
| <input type="checkbox"/> | Wellfiles (originals) |
| <input type="checkbox"/> | Daily                 |

APPROVAL 97-06-008

**THE PROVINCE OF BRITISH COLUMBIA  
PETROLEUM AND NATURAL GAS ACT  
DRILLING AND PRODUCTION REGULATION  
MINISTRY OF EMPLOYMENT AND INVESTMENT  
ENERGY AND MINERALS DIVISION**

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IN THE MATTER of a Good Engineering Practice (GEP) scheme of Penn West Petroleum Ltd. (Penn West) for producing a portion of the Helmet Jean Marie gas without well spacing and target restrictions.

NOW, THEREFORE, the Division Head, pursuant to Part 8, Division 6, section 104 of the *Drilling and Production Regulation*, hereby approves the GEP project of Penn West for drilling wells without spacing and target restrictions, as such scheme is described in

*an Application from Penn West to the Division dated September 4, 1997 and related submission.*

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

1. The area of the scheme shall consist of:

94-P-10/Block D - units 60, 70, 80, 90, 100

94-P-10/Block E - units 10, 20, 30

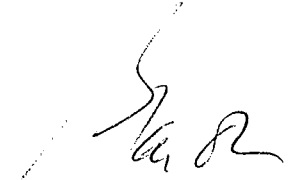
94-P-11/Block A - units 34 - 40, 44 - 100

94-P-11/Block B - units 31, 41, 51, 61, 71 - 73, 81 - 83, 91 - 93

94-P-11/Block G - units 1 - 3, 11 - 13, 21 - 23, 31 - 39, 41 - 49, 51 - 59, 61 - 69, 71 - 79,  
81 - 89

94-P-11/Block H - units 1 - 30, 34 - 40, 44 - 50, 54 - 60, 64 - 70, 78 - 80, 88 - 90

2. The requirements of section 10 of the *Drilling and Production Regulation* are hereby waived, provided that gas wells within the scheme area are not completed nearer than 250 m to the sides of the approved area.
3. The gas wells within the project area may be produced without individual well allowable restrictions.
4. This approval may be modified or rescinded at a later date if deemed appropriate.

  
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B. van Oort, on behalf of  
the Division Head  
Energy and Minerals Division

DATED AT the City of Victoria, in the Province of British Columbia, this 6<sup>th</sup> day of October, 1997.