



Canada Oil and Gas Lands Administration
Administration du pétrole et du gaz
des terres du Canada

Administration du pétrole
et du gaz des terres du Canada

- Nova Scotia

Newfoundland

Gulf of St. Lawrence
- ☐ West Coast

☐ Northern

☐ Hudson Bay
- ☐ Exploratory

☒ Development

☐ Delineation

☐ Service

AUTHORITY TO DRILL A WELL

APPLICATION

This application is submitted with Section 82 of the Canada Oil and Gas Drilling Regulations. When approved under Section 83 of the Regulations, it is the requisite authority for the commencement of drilling operations.

Well Name in Full: PCI Cameron Hills E-02

Operator: Petro-Canada Inc.

Drilling Program No.: One

Contractor: Hi Tower Drilling

Permit or Lease No.: E.L. 327

Drilling Rig or Unit: # 2

Estimated Well Cost: \$1.14 MM

Location-Unit: E

Section: 02

Grid Area:

Coordinates: Lat.: 60° 11' 27.75"

Long.: 117° 31' 24.11"

Area: Northwest Territories

Field/Pool: Cameron Hills

Elevation-RT/KB: Approximately 5.0 m (ASL)

Seafloor: (BRT)

Approx. Spud Date: January 1990

Estimated Days on Location: 16

Anticipated Total Depth: 1589 m

Target Horizon(s): Slave Point / Pine Point

EVALUATION PROGRAM

Ten-metre sample intervals NIL

Five-metre sample intervals Surface to Total Depth

Canned sample intervals 10 metre intervals, 30 metres above the Slave Point to T.D.

Conventional cores at one 18 metre core once the Slave Point has been established.

Logs and Tests Slave Point (Penetration) Pine Point, potential test after log evaluation.

CASING AND CEMENTING PROGRAM

Setting Depth					
O.D.	Weight:	Grade:	Below Seafloor:	Cementing Program (Volumes):	
244.5	48.07 Kg/m	H-40, ST&C	405 m K.B.	31 't'	(24m ³) class 'G' + 2% CaCl
177.8	34.23 Kg/m	K-55, LT&C	1589 m K.B.	12 't'	(9.3m ³)
class 'G' + 0.5% T.1 + 0.5% F.L. 20 't' (19.4m ³) 1:1:2 + 0.5% T.1					

B.O.P. Equipment:

1 - 229 mm, 21 Mpa Annular Preventer

1 - 229 mm, 21 Mpa Blind Ram

1 - 229, 21 Mpa Pipe Ram

Other Information: (Mud System)

0 - 405 m; Gel Lime

405 - 800 m; Flocculated Water

800 - 1589 m; Gel - Chemical

Signed: J.L. Cottrell

Title: Manager, Exploration Operations

Date: 1990-01-04

Company: Petro-Canada Inc.

APPROVAL

An approved copy of this notice is to be posted at each wellsite.

Signed: _____

Engineering Branch

Date: _____

File: _____





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Signed: [Signature] Title: Manager, Exploration Operations
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