



Canada Oil and Gas
Lands Administration

Administration du pétrole
et du gaz des terres du Canada

Nova Scotia	☐	West Coast	☐	Exploratory	☒
Newfoundland	☐	Northern	☒	Development	☐
Gulf of St. Lawrence	☐	Hudson Bay	☐	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 Canterra Bele 0-35
Operator: Petro-Canada Inc.
Contractor: Jade Drilling Ltd.
Drilling Rig or Unit: #5
Location-Unit: 0 Section: 35
Coordinates: Lat.: 66° 34' 58.1357" Long.: 126° 21' 32.1083"
Area: Lac Belot
Elevation-NNKB: 397.12 m (ASL) Ground: 392.62 m Surveyed (BX)
Approx. Spud Date: February 10, 1986
Anticipated Total Depth: 1386 m K.B.
Drilling Program No.: -
Permit or Lease No.: N85A469
Estimated Well Cost: 4.35 MM\$
Field/Pool: Undefined
Estimated Days on Location: 34
Target Horizon(s): Primary - Mt. Clark
Secondary - Mt. Cap

EVALUATION PROGRAM

Ten-metre sample intervals -
Five-metre sample intervals Surface to T.D. (4 bottled sets, 2 bagged sets)
Canned sample intervals Surface to T.D. (3 sets every 10 m)
Conventional cores at 2-18m from 1312 to 1348m Mt. Clark, Core Bit : 171 mm x 102mm
Logs and Tests DLL-MSFL-GR, CNL-LDT-NGT-AMS, BHCS, ML, HDT, Velocity Survey
2 DST's in Mt. Clark and 1 DST in Mt. Cap

CASING AND CEMENTING PROGRAM

O.D.	Weight:	Grade:	Setting Depth Below Seafloor:	Cementing Program (Volumes):
340 mm	101 kg/m	K-55, BT&C	60 m	13 Tonnes "G" Neat + 3.0% CaCL ₂ (9.9m ³)
245 mm	60 kg/m	L-80, LT&C	500 m	39 Tonnes "G" Neat + 2.0% CaCL ₂ (29.6m ³)
178 mm	43 kg/m	MN-80, LT&C	1386 m	Fill: (1000-450m) 13 Tonnes "G" Neat + 0.5% D65 (T.I.) (9.85m ³) Tail: (TD-1000m) 9 Tonnes "G" Neat + 2.0% CaCL ₂ (11.87m ³)

B.O.P. Equipment: See Attached

~~CONFIDENTIAL~~

Signed: K. G. Brown Title: Land Drilling Manager
Date: 86/01/28 Company: Petro-Canada Inc.

APPROVAL

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

Signed: Engineering Branch
Date:
File: 9211-P28-3-1