



Canada Oil and Gas
Lands Administration

Administration du pétrole
et du gaz des terres du Canada

E.A. # 158 ✓

D.A. # 1270 ✓

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 Tweed Lake A-67 ✓
Operator: Petro-Canada Inc. ✓ Drilling Program No.: ---
Contractor: ATCO/EQTAK ✓ Permit or Lease No.: ---
Drilling Rig or Unit: ATCO/EQTAK #76 ✓ Estimated Well Cost: \$3,615,000
Location-Unit: A ✓ Section: 67 ✓ Grid Area: 67-00 - 125-45 ✓
Coordinates: Lat.: 66° 56' 11.60" North ✓ Long.: 125° 56' 18.88" West ✓
Area: Colville Lake, N.W.T. ✓ Field/Pool: Undefined ✓
Elevation- /KB: 396.0 m ✓ (ASL) Ground Elevation: 389.80 m ✓
Approx. Spud Date: 1985-11-01 ✓ Estimated Days on Location: 35 ✓
Anticipated Total Depth: 1367 m KB ✓ Target Horizon(s) Primary - Mount Clark ✓
UWI: 300A676700125450 ✓ Secondary - Mount Cap ✓

EVALUATION PROGRAM

Ten-metre sample intervals
Five-metre sample intervals ± 20 m to T.D. (4 bottled sets, 2 bagged sets) ✓
Canned sample intervals ± 20 m to T.D. (3 sets every 10m) ✓
Conventional cores at 2-18 m @ 1285 - 1321 (Mt. Clark) - Core Bit Size (171mm x 102mm) ✓
Logs and Tests DLL-MSFL-GR, CNL-LDT-NGT-AMS, BHCS, ML, HDT, Velocity Survey, ✓
2 DST in Mt. Clark and 2 DST in Mt. Cap ✓

CASING AND CEMENTING PROGRAM

Setting Depth (mKB)

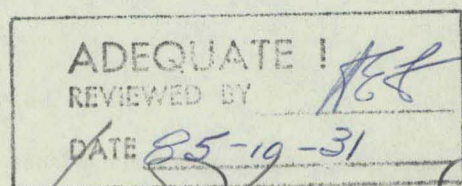
O.D.	Weight:	Grade:	Return Section	Cementing Program (Volumes):
340 mm	101 kg/m	K-55 BT&C	60 m	14 tonnes "G" neat + 4% CaCL ₂ ✓
245 mm	60 kg/m	L-80 LT&C	500 m	39 tonnes "G" neat + 5% T.I. + .1%R (29.3 m ³)
178 mm	43 kg/m	S00-95 LT&C	1367 m	30 tonnes "G" neat + 5% T.I. ✓ (22.7 m ³)

B.O.P. Equipment: 1-346 mm, 21 MPa Hydril GK Annular Preventor ✓
..... 1-346 mm, 21 MPa Blind Rams ✓
..... 1-346 mm, 34 MPa Pipe Rams ✓
Other Information: 1-346 mm x 21 MPa x 340 mm Weld on Casing Bowl ✓
..... 1-346 mm, 21 MPa Mud Cross w/Automatic HCR ✓
..... 1-346 mm, 21 MPa Grant Rotating Head ✓

Signed: Title: Land Drilling Manager
Date: 1985-10-02 Company: Petro-Canada Inc.

APPROVAL

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



Signed: Engineering Branch
Date: 1 Nov 1985
File: ..9211-P28-1-6 ✓



Nouvelle-Écosse	☐	Côte ouest	☐	Prospection	☐
Terre-Neuve	☐	Nord	☐	Développement	☐
Golfe du St. Laurent	☐	Baie de Hudson	☐	Délimitation	☐
				Service	☐

DEMANDE

Profondeur totale anticipée: **Cible(s) prévue(s)**

Diagraphies et essais:

Diamètre extérieur de tubages	Masse	Qualité	Profondeur déterminée sous les fonds marins	Programme de Cimentation (Volume)
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Équipement A.E.

Autres informations:

Signé: Titre:

Date: **Compagnie:**

APPROBATION

Une copie de l'autorisation approuvée doit être affichée à l'emplacement de chaque puits.

Signé par:

Direction de la technique

Date:

Dossier:

Department of Indian Affairs
and Northern Development

Canada