



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: Exco. et al. Cameron Hills I-10
Operator: Exco Energy Ltd. Drilling Program No.: N/A
Contractor: Arnco Industries Ltd. ~~XXXX~~ or Lease No.: E.A. #213
Drilling Rig ~~XXXX~~: Arnco Rig #1 Estimated Well Cost: Less than one (1) million dollars
Location-Unit: I Section: 10 Grid Area: 60-10-117-30
Coordinates: Lat: 60° 09' 39.27" N Long: 117° 30' 03.54" W
Area: Cameron Hills N.W.T. Field/Pool: N/A
Elevation-~~XXXX~~ KB 815.95 m (ASL) ~~XXXX~~ Ground ~~XXXX~~ 811.95 m ASL ~~XXXX~~
Approx. Spud Date: February 8, 1985 Estimated Days on Location: 21
Anticipated Total Depth: 1537 m (estimate) Target Horizon(s): Keg. River
UWI: 3001106010117300 Slave Point
Bistcho Gas

EVALUATION PROGRAM

Ten-metre sample intervals N/A
Five-metre sample intervals From under surface casing (385 m) to T.D.
Canned sample intervals At 10 m intervals from under surface casing to T.D.
Conventional cores at Not anticipated
Logs and Tests As specified in drilling program 1) DILL T.D. to surface casing
2) CNL-FDC T.D. to surface casing

CASING AND CEMENTING PROGRAM

O.D.	Weight:	Grade:	Setting Depth Below Seafloor:	Cementing Program (Volumes):
339 mm	81.1 kg/m	K-55	Approx 55 m	Class "G" + 3% CaCl ₂ 100% excess
244 mm	53.37 kg/m	K-55	385 m	Class "G" + 2% CaCl ₂ 50% excess
139 mm	20.83 kg/m	K-55	1537 m T.D. to surface casing	Class "G" + 0.75% CFR-2 30% excess

B.O.P. Equipment: one (1) - 203 mm (8") 21 000 kPa Schaffer Spherical
one (1) - 203 mm (8") 21 000 kPa Schaffer LWP - Single gate pipe ram
one (1) - 203 mm (8") 21 000 kPa Schaffer LWP - Single gate blind ram
Other Information: Complete with Payne 4 station closing unit (220 L), and 300 L reservoir tank

Refer to accompanying drilling program

Signed: *W. B. Oul* Title: Vice-President
Date: January 4, 1985 Company: Exco Energy Ltd.

APPROVAL

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

**MICROFILMED
SUR MICROFILM:**

Signed: *W. S. Thomas*
Engineering Branch
Date: 12 Feb 85
9211-E9-1-3
File: