



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: ESSO NORMAN WELLS C-34-1X
 Operator: ESSO RESOURCES CANADA LIMITED Drilling Program No.: 9251-2-21-J1
 Contractor: SHEHTAH DRILLING CO. LTD. Permit or Lease No.: PROVEN AREA AGREEMENT
 Drilling Rig or Unit: SHEHTAH RIG #1 Estimated Well Cost: _____
 Location-Unit: B Section: 38 Grid Area: 65-20-126-45
 Coordinates: Lat: 65° 17' 04.420" N Long: 126° 51' 32.421" W
 Area: NORMAN WELLS Field/Pool: NORMAN WELLS
 Elevation: XXXX 68.7 m KB XXXX XXXX GRD. 63.1 m XXXX
 Approx. Spud Date: 87 06 01 Estimated Days on Location: 6 (SPUD - R.R.)
 Anticipated Total Depth: 438.7 m KB TVD Target Horizon(s) KEE SCARP AT 368.7 KB TVD
 UWI 305C386520126450

EVALUATION PROGRAM

Ten-metre sample intervals _____
 Five-metre sample intervals FROM CANOL TO FTD
 Canned sample intervals _____
 Conventional cores at _____
 Logs and Tests OPEN HOLE: SP-DLL, GR-BHCS, CDL-CNL CASED HOLE: GNT

CASING AND CEMENTING PROGRAM

O.D.	Weight:	Grade:	Setting Depth KB	Cementing Program (Volumes):
508.0	229.1	X-52	<u>DRIVEN TO REFUSAL</u>	
244.5	48.7	H-40	<u>0 - 165M</u>	<u>CEMENT TO SURFACE</u>
177.8	29.7	K-55	<u>0 - FTD</u>	<u>CEMENT TO 195M KB</u>

NOTE: CASING MAY BE SUBSTITUTED AS TO WEIGHT AND GRADE BUT WILL BE EQUAL OR HIGHER THAN SPECIFIED.

B.O.P. Equipment: _____
 B.O.P. CONTROL EQUIPMENT AS PER ATTACHMENT _____

Other Information: PLANNED HORIZONTAL DISPLACEMENT 118 m S 79.2° W
WELL IS EXPECTED TO PRODUCE FROM THE KEE SCARP.

Signature: E. BENNETT Title: DRILLING MANAGER
 Date: MARCH 13, 1987 Company: ESSO RESOURCES CANADA LIMITED

APPROVAL

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

Signed: [Signature]
 Engineering Branch
 Date: 23 Mar 87
 File: 9251-2-21-J1-225