



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: Paramount et al Swede A-52
Operator: Paramount Resources Ltd.
Contractor: Command Drilling
Drilling Rig or Unit: #2
Location-Unit: A Section: 52
Coordinates: Lat: 60° 11' 09.303" Long: 117° 39' 46.847"
Area: Cameron Hills, N.W.T.
Elevation-RT/KB: 697 m est. (ASL)
Approx. Spud Date: January 5, 1991
Anticipated Total Depth: 1597 mKB
U.W.I.: 300A526020117300

Drilling Program No.:
Permit or Lease No.: EL #327
Estimated Well Cost: \$1,070,000.00
Grid Area: 60° 20', 117° 30'
Field/Pool: N/A
Ground Surface: 692.63 m (ASL) (BPT)
Estimated Days on Location: 26
Target Horizon(s): Slave Point, Sulphur Point, Keg River

EVALUATION PROGRAM

Ten-metre sample intervals N/A
Five-metre sample intervals As specified from under surface casing to T.D.
Canned sample intervals At 10 m intervals for geochemical analysis.
Conventional cores at N/A
Logs and Tests DISFL-GR, CNL-LDT-DAC-GR, Array Sonic-GR-Cal, Microlog-GR.
Drill stem test as required in target horizons on penetration or after logging.

CASING AND CEMENTING PROGRAM

O.D.	Weight:	Grade:	Setting Depth K.B. Below Seafloor:	Cementing Program (Volumes):
244.5 mm	53.6 kg/m	J-55	390 m	30 T Class G + 2% CaCl ₂ (100% excess)
139.7 mm	23.1 kg/m	IK-55	1597 m	1597 to 1200 m T-E-L Master + 1% CA- 1200 to 390 m LITE Master (1300 kg/m ³) Volumes = Caliper + 20% excess

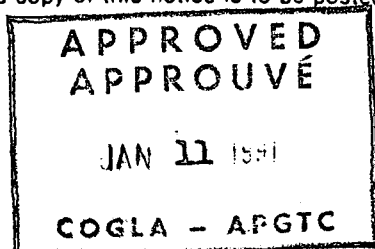
B.O.P. Equipment: 21 MPa ERCB Class IV Stack and Manifold
With one (1) Annular Preventer and two (2) single gates
(pipe ram and blind ram)

Other Information:

Signed: [Signature] Title: Assistant Drilling Manager
Date: December 5, 1990 Company: Paramount Resources Ltd.

APPROVAL

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



Signed: [Signature] Engineering Branch
Date: JAN 11 1991
File: 9211-P33-6-2