



Exploratory  
Development

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Delineation  
Service

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# 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 Cameron C-75 60°10' 117° 15'  
Operator: Paramount Resources Ltd. Drilling Program No.:  
Contractor: Phelps Drilling International Ltd Permit or Lease No.: SDL-009  
Drilling Rig or Unit: 4E Estimated Well Cost: \$976,800.00  
Location-Unit: C Section: 75 Grid Area: 60° 10' 117° 15'  
Coordinates: Lat: Approx. 60° 04' 02,938" Long: Approx. 117° 29' 12,600"  
Area: Cameron Hills, N.W.T. Field/Pool: N/A  
Elevation-RT/KB: Approximately 791.0 m. (ASL) Seafloor: (BRT)  
Approx. Spud Date: January 30, 1994 Estimated Days on Location: 17  
Anticipated Total Depth: 1672 m Target Horizon(s) Slave Point, Sulphur Point,  
Keg River  
U.W.I.: 300C756010117150

### 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 In Sulphur Point, 1 or 2 - 18 m  
Logs and Tests DISFL-GR, CNL-LDT-GR-XYCAL, Array Sonic-GR-Cal, Microlog-GR,  
DST's possible in target horizon after logging.

### CASING AND CEMENTING PROGRAM

| O.D.     | Weight:   | Grade: | Setting Depth<br>Below <del>Seafloor</del><br>K.B. | Cementing Program (Volumes):                                                                  |
|----------|-----------|--------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|
| 244.5 mm | 53.6 kg/m | J-55   | 390 m                                              | 30 Tonne Class G + 3% CaCl <sub>2</sub> (100% Excess)                                         |
| 177.8 mm | 34.2 kg/m | IK-55  | 1672 m                                             | 1672 to 1200 m Thix Mix (G)<br>1200 to 390 m 0:1:0 G + 33% Microsil<br>@ Caliper + 20% excess |

B O P. Equipment: 21 MPa Class IV Stack and Manifold with one (1) Annular Preventer  
and two (2) Single Gates (Blind and Pipe Rams).

Other Information:

Signed: [Signature] Title: Assistant Drilling Manager  
Date: December 17, 1993 Company: Paramount Resources Ltd.

### APPROVAL

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

Signed: [Signature] Day Month Year  
Engineering Branch

Date:

File: 9211-P33-7-3

Canada