



Exploratory Development

Delineation Service

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APPROVAL TO DRILL A WELL

This application is submitted under Section 82 of the Canada Oil and Gas Drilling Regulations. When approved under Section 83 of the Regulations, it is the requisite approval for the commencement of drilling operations.

Well Name: PARA ET AL CAMERON M-49
Operator: PARAMOUNT RESOURCES LTD. Drilling Program No.:
Contractor: PRECISION DRILLING LTD. Interest Identifier: PI-15
Drilling Rig or Unit: P117 Estimated Well Cost: \$900,000.00
Location-Unit: M Section: 49 Grid Area: 60°10'N, 117°30'W
Coordinates: Lat: 60°08'52.954" Long: 117°39'21.665"
Area: CAMERON HILLS, NWT Field/Pool: N/A
Elevation-KB/Sea Level: 709.6m (est) (ASL) GL/Sea Level: 705.06m
Approx. Spud Date: FEBRUARY 13, 2003 Est. Days on Location: 14
Anticipated Total Depth: 1576 Target Horizons: SULPHUR POINT DOLOMITE

EVALUATION PROGRAM

Ten-metre sample intervals
Five-metre sample intervals 1300m. ± TD
Canned sample intervals 1300m. ± TD
Conventional cores at None
Logs and Tests STI-SP-GR, SPED-CNT-GR-DAC, BCS-GR-SAC, Microlog, No. planned DST's

CASING AND CEMENTING PROGRAM

O.D. (mm)	Weight (kg/m)	Grade	Setting Depth (m KB)	Cementing Program (m³)
219.1	35.71	J-55	425	32.3t 0-1-0 'G' + 2% CaCl₂
139.7	20.83	J-55	1576	16.5t Fill Lite 2-125 + 0.6%
				R-3 + 3% A-9 and 5.8t 0-1-0
				'G' + 0.1% R-3 + 0.4% FL-77

Other Information:

Signed: Dave Blest Responsible Officer

Title: ENGINEERING CONSULTANT

Name: ... DAVE. BLOCK., P. Eng.

Company: .PARAMOUNT. RESOURCES. LTD.

Date: NOVEMBER 21, 2002

Phone: (403) 206-3834

APPROVAL

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

Date: Dec 6/02
File: 9211-P33-20-4
WID: 1974 UWI 300M496010117300

Signed: C. S. Bell for / Chief Conservation Officer