

DEC 13 2002

National Energy Board

Office national de l'énergie

Exploratory ☐  
Development ☐Delineation ☒  
Service ☐

## 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: . PL-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°08'52.585" Long.: . 117°39'16.552"  
Area: . . CAMERON HILLS, NWT. Field/Pool: . N/A  
Elevation-KB/RT: . 709.6m (est) (ASL) GL/Seafloor: . 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 . T . TD  
Canned sample intervals . 1300m . T . 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% CaCl <sub>2</sub>
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

B.O.P. Equipment: 21MPa stack and manifold with one flow diverter, one annular preventer,  
two single gate Rams, and one double choke manifold.

Other Information:

Signed: Dave Block Title: . . . ENGINEERING CONSULTANT  
Responsible Officer

Name: . . . DAVE BLOCK, P. Eng. Company: . PARAMOUNT RESOURCES LTD.

Date: . . . DECEMBER 12, 2002 Phone: . . . (403) 206-3834

## APPROVAL

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

Date: Signed: . . .  
File: . . . Chief Conservation Officer  
WID: . . .



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Interest Identifier: PL-15

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Responsible Officer

Title: ENGINEERING CONSULTANT

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