



National Energy Board

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NATIONAL ENERGY BOARD  
ENGINEERING BRANCH

# APPROVAL TO DRILL A WELL

NOV 22 2002

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 K-7A  
Operator: PARAMOUNT RESOURCES LTD. Drilling Program No.:  
Contractor: PRECISION DRILLING LTD. Interest Identifier: FL13  
Drilling Rig or Unit: E117 Estimated Well Cost: \$900,000.00  
Location-Unit: Section: 74  
Coordinates: Lat.: 60°03'42.733" Long: 117°29'27.326"  
Area: CAMERON HILLS, NWT Field/Pool: N/A  
Elevation-KB/RE: 782.1m (est.) (ASL) GLSEATION: 777.60m  
Approx. Spud Date: JANUARY, 1, 2003 Est. Days on Location: 14  
Anticipated Total Depth: 1460. 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 18m core of Sulphur Point Dolomite  
Logs and Tests STL-SP-GR, SPEED-CNT-GR-DAG, BCS-GR-SAG, 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  | 1460                 | 16.5t Fill Lite 2-125 + 0.6% R-3 + 3% A-9 and 4.4t 0-1-0 'G' + 0.1% R-3 + 0.4% FL-77 |

S.O.P. Equipment ... 21/2" 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: NOVEMBER 21, 2002 Phone: (403) 206-3834

## APPROVAL

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

Date: Dec 6, 2002 Signed: [Signature]  
File: 9211-P33-20-2  
WID: 1972...UWI.300/446010117150  
Chief Conservation Officer