

Exploratory ☐Delineation ☒Development ☐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: CNRL ET AL NORTH LIARD 3P-66BOperator: Canadian Natural Resources Limited

Drilling Program No.: \_\_\_\_\_

Contractor: AkitaInterest identifier: 50%Drilling Rig or Unit: 58Estimated Well Cost: \$5,000,000.00Location-Unit: PSection: 66Grid Area: N.60°40' W.123°30'Coordinates: Lat.: 60° 35' 55.66"Long.: 123° 41' 25.31"Area: Fort Liard

Field / Pool: \_\_\_\_\_

Elevation-KB/RT: 459.89 (ASL)GL / Seafloor: 449.49Approx. Spud Date: April 10, 2003Est. Days on Location: 60Anticipated Total Depth: 3600 TMD 2750 TVDTarget Horizons: Nahanni

### EVALUATION PROGRAM

Ten-metre sample intervals NilFive-metre sample intervals From sidetrack depth to TD in the NahanniCanned sample intervals NilConventional cores at None plannedLogs and Tests Main hole only: Neutron, Sonic, Density, Induction /No DST's

### CASING AND CEMENTING PROGRAM

O.D. (mm)	Weight (kg/m)	Grade	Setting Depth (m KB)	Cementing
<u>177.8</u>	<u>43.2 /38.7</u>	<u>L80</u>	<u>3200</u>	<u>Thermal 40F</u>

B.O.P. Equipment: Intermediate and main hole: 346 mm tubing head/drilling spool, 346 mm 35 MPa single gate pipe ram, 346 mm 35 MPa drilling spool, 346 mm 35 MPa single gate blind ram, 346 mm 35 MPa annular

Other Information: \_\_\_\_\_

Signed: [Signature]Title: Drilling Engineer

Responsible Officer

Name: Kevin KowbelCompany: Canadian Natural Resources LimitedDate: March 3/03Phone: (403) 517-7135

### APPROVAL

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

Date: Mar 28/03Signed: [Signature]File: 9211-C144-1-1

Chief Conservation Officer

WID: 1922UWI: 303P666040123300