



Exploratory
Development ☐

Delineation
Service ☒

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: Chevron et al Liard 2M-25 surface
Operator: Chevron Canada Resources Ltd.
Contractor: Akita Drilling
Drilling Rig or Unit: 48UE
Location • Unit: M **Section:** 25
Coordinates: Lat 60°24'51.00N
Area: Fort Liard, Northwest Territories
Elevation-RT/KB: 919.0 m Rig 48
Anticipated Spud Date: March 10 2004
Anticipated Total Depth: 4722 mMD (3236 mTVD)

Drilling Program No: N/A
Permit or Lease No: SDL99
Estimated Well Cost: \$13.7 million
Grid Area: 60°30', 123°30'
Long: 123°35'14.1W
Field/Pool: Liard
(ASL)Seafloor: N/A
Estimated Days on Location: 90 Drilling
Target Horizon: Nahanni

EVALUATION PROGRAM

Ten meter sample intervals: None
Five meter sample intervals: No samples will be caught and submitted from surface to intermediate casing depth.
Intermediate casing point to TD: Two sets of 5m interval vial samples starting from
Canned sample intervals: 20m above the Nahanni formation to Total Depth and one bagged.
Conventional cores: N/A
Logs and Tests: A waiver for open hole logs will be applied for from surface casing to intermediate casing depth.
Main hole (intermediate casing to TD): run #1 CNL-LDT-AIT-FMS

Canned sample intervals: None

CASING AND CEMENTING PROGRAM

| O.D. (mm) | Weight (kg/m) | Grade | Depth | | Cementing Program |
|-----------|------------------|-------------------|-------|--------|--------------------|
| | | | (mMD) | (mTVD) | |
| 508 | Conductor Bbl | 9.53 WT | 20 | 20 | Cement to surface |
| 339.7 | Conductor Casing | K-55 | 225 | 225 | Cement to surface |
| 244.5 | 59.53 | L-80 | 1700 | 1460 | Cement to surface |
| 177.8 | 43.16/38.69 | L-80 (Hydril SLX) | 3928 | 3155 | Cement full length |

The 177.8mm casing may be a liner or intermediate casing back to surface.

B O.P. Equipment: See attached detailed drilling plan
Other Information: See pre-submission for surface casing extension.

Signed: 
Dan Kamieniecki

Title: Well Construction Engineer

Date: Feb 23 2004

Company: Chevron Canada Resources

An approved copy is to be posted at wellsite

APPROVAL

Signed: 
Chief Conservation Officer

Date: Mar 2/04 File: 9211-C004-1-4

WID 2008 UWI 302M256030123300

Canada