



NATIONAL ENERGY BOARD  
Exploration and Production

FEB 25 2004

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

**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 vialled 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

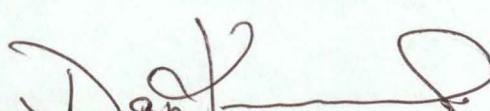
### CASING AND CEMENTING PROGRAM

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

Title: Well Construction Engineer

Dan Kamieniecki

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