



NATIONAL ENERGY BOARD
Exploration and Production

DEC 04 2003

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 3K-29 surface

Operator: Chevron Canada Resources Ltd.

Contractor: Akita Drilling

Drilling Rig or Unit: 58 UE or 48UE

Location • Unit: K **Section:** 29

Coordinates: Lat 60°28'42.4N

Area: Fort Liard, Northwest Territories

Elevation-RT/KB: 416.34 m Rig 58

Anticipated Spud Date: January 10 2003

Anticipated Total Depth: 3730 mMD (2640 mTVD)

Drilling Program No: N/A

Permit or Lease No: SDL99

Estimated Well Cost: \$9.4 million

Grid Area: 60°30', 123°30'

Long: 123°35'04.3W

Field/Pool: Liard

(ASL)Seafloor: N/A

Estimated Days on Location: 70

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.

Canned sample intervals: None

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

CASING AND CEMENTING PROGRAM

<u>O.D. (mm)</u>	<u>Weight (kg/m)</u>	<u>Grade</u>	<u>Depth</u>	<u>Cementing Program</u>
			(mMD) (mTVD)	
508	Conductor	9.53 WT	20	20
244.5	59.53	K-55	780	Cement to surface
177.8	38.69	L-80 (Hydril SLX)	2952	Cement to surface
			2592	

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: Nov 22 2002

Company: Chevron Canada Resources

An approved copy is to be posted at wellsite

APPROVAL

Signed:

Chief Conservation Officer

Date: Dec 22/03 File: 9211-C004-3-2

WID 1999 UWI 303K296030123300

Canada