



RECORDED
Saskatchewan FILM:
Delineation
Service

Exploratory Development

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 McKay Lakes O-80*

Operator: CHEVRON CANADA RESOURCES

Drilling Program No: N/A

Contractor: Akita Drilling

Permit or Lease No: EL380

Drilling Rig or Unit: Akita Drilling #48 UE

Estimated Well Cost: \$3,000,000

Location•Unit: O

Section: 80

Grid Area: 60° 20', 123° 15'

Coordinates: Lat: 60°19'49.955"N

Long: 123°29'03.462"W

Area: Fort Liard, Northwest Territories

Field/Pool: N/A

Elevation-RT/KB: 299 m

Seafloor: N/A

Approx. Spud Date: August 10, 1999

Estimated Days on Location: 25

Anticipated Total Depth: 1200 m

(BRT)

Target Horizon(s): Mattson & Flett

EVALUATION PROGRAM

Ten meter sample intervals: None

Five meter sample intervals: 350 m - TD

Canned sample intervals: None

Conventional cores at: N/A

Logs and Tests Platform Express-DSI; 350 m - TD

Optional: Platform express - HALS; 350 m - TD

CASING AND CEMENTING PROGRAM

O.D. (mm)	Weight (kg/m)	Grade	Depth (mKB)	Cementing Program
406	Conductor		20	Cement to surface
244.4	53.57	K-55	350	Cement to surface
177.8	34.24	K-55	600	Cement to surface

B O.P. Equipment: 346mm, 35Mpa; 2 X Pipe rams, blind ram, & annular

Other Information:

Contingent casing & cementing program:

Surface and production same as above

Slotted Liner:

139.7	23.07	K-55	500 - 1200	N/A
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Signed: *Miles N. Sweep* *M. N. Sweep*

Title: Well Construction Engineer

Miles N. Sweep, P.Eng.

Date: June 30, 1999

Company: Chevron Canada Resources

APPROVAL

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

Signed: *TMB* *TMB*
Chief Conservation Officer

Date: *Aug 4/99*

File: 9211-C04-1-2, WID 1866
UWI 3000806020123150

Canada