



National Energy Board
MAIL ROOM
SALLE DE COURIER



Office national
de l'énergie

Exploratory
Development

2000 DEC 19 A 9:46

Delineation
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: **Devlan et al Ontaratue River L-48**

Operator: **Devlan Exploration Inc.** Drilling Program No.:

Contractor: **Akita Drilling** Interest identifier: **EL 374**

Drilling Rig or Unit: **14** Estimated Well Cost: **\$1,800,000**

Location-Unit: L Section: **48** Grid Area **67 10 – 131 30**

Coordinates: Lat.: **N 67 deg 07' 35" (Surface Co-Ordinates same as bottom hole)** Long.: **W 131 deg 38' 58"**

Area: **Grandview Hills** Field/Pool: **Ontaratue River**

Elevation-KB/RT: **324m** (ASL) GL/Seafloor: **320m**

Approx. Spud Date: **January 15, 2001** Est. Days on Location: **15**

Anticipated Total Depth: **1200m** Target Horizons: **Hume, Bear Rock, Ordovician**

EVALUATION PROGRAM

Ten-metre sample intervals **N/A**

Five-metre sample intervals **From Surface Casing to TD**

Canned sample intervals **from casing shoe to TD every 10 metres**

Conventional cores at **N/A**

Logs and Tests **E-log, Sonic, Neutron – Density, GR-XY Caliper from TD – Surface Casing. 3 DST's – Hume, Bear Rock & Ordovician**

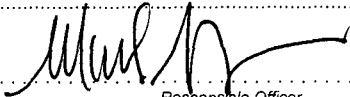
CASING AND CEMENTING PROGRAM

O.D. (mm)	Weight (kg/m)	Grade	Setting Depth (m KB)	Cementing Program (m³)
406mm	96.73	H-40	30m	2.9T Artic Set Cement
219.1mm	35.72	J-55	300m	27.2T Artic Set Cement
139.7mm	23.1	J-55	1200m	30.2T Fill-Lite and Class G

B.O.P. Equipment: **Shaffer spherical 229mm x 21MPa annular preventer, 1 – Shaffer LWP 229mm x 21MPa single gate ram preventer, 1- Shaffer LWP 229mm x 21MPa single pipe ram preventer.**

Neutron 300 litre x 21MPa 8 station accumulator. National Oilwell Willis 46mm x 65mm x 21MPa choke manifold.

Other Information:

Signed:  Title: **V.P. Engineering**

Name: **Mark Algar** Company: **Devlan Exploration Inc.**

Date: **December 19, 2000.** Phone: **403-233-7778**

APPROVAL

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

Date: **January 25/01** Signed: 

File: **9211-D28-1-1** Chief Conservation Officer

WID: **1904**

UWI **300L486710131300**