



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: Pan Am Pointed Mountain K-45A
Operator: Amoco Canada Petroleum Company Ltd.
Contractor: Drive Well Servicing
Drilling Rig or Unit: Drive No. 41
Location-Unit: Section: Grid Area:
Coordinates: Lat: 60° 24' 33.816" Long: 123° 53' 51.782"
Area: Pointed Mountain N.W.T.
Elevation-RT/KB: 373.67 (ASL) Seafloor: (BRT)
Approx. Spud Date: June 20, 1994
Estimated Days on Location: 21
Anticipated Total Depth: 3144 TvD, 3206 md Target Horizon(s) Nahanni

EVALUATION PROGRAM

Ten-metre sample intervals
Five-metre sample intervals Yes Kop to TD
Canned sample intervals
Conventional cores at none
Logs and Tests Multi-shot gyro prior to kick-off, DLL/CN/ZDL/GR/CAL, FMI/GR

CASING AND CEMENTING PROGRAM

O.D.	Weight:	Grade:	Setting Depth KB Below Seal/OK	Cementing Program (Volumes):
114.3 mm	18.23 kg/m	13-CR80	3073 md	5 tonnes thermal 40F cement + 0.5%D-24+0.5% T-10+0.4% R-55 +6 L/tonne CF-1 foamer

The liner will be set to the top of the Nahanni.

BOP Equipment: 179mm, Nace trim, BOP stack with pipe rams, blind rams and annular preventer.

Other Information: Immediately after cutting the window, the casing and exposed cement and shale will be pressure tested to 11 MPa for 15 minutes. The open hole will be pressure tested again to 11 MPa for 15 minutes prior to penetrating the Nahanni formation.

Signed: Gary Russell Title: Completions Engineer
Date: June 16, 1994 Company: Amoco Canada Petroleum Company Ltd.

APPROVAL

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

Signed: Finance M. Baker
Chief Conservation Officer

Date: June 20/94

File: 1793

Canada

