

Exploratory ☒
Development ☐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: Apache Paramount Nogha B-23
Operator: APACHE CANADA LTD Drilling Program No. _____
Contractor: NABORS DRILLING Interest Identifier: SANTA SETTLEMENT
Drilling Rig or Unit: NABORS RIG #62 Estimated Well Cost: \$4,500,000
Location-Unit: B Section: 23 Gnd: 66° 40', 125° 45'
Coordinates: Lat: 66° 32' 05.692" Long: 125° 49' 33.237"
Area: NOGHA Field / Pool: N/A
Elevation-KB/RT: 315.27mKB (ASL) GL / Seafloor: 311.27
Approx. Spud Date: JANUARY 15, 2004 Est. Days on Location: 30
Anticipated Total Depth: 1440 m Target: MT. CLARK

EVALUATION PROGRAM

~~FIVE~~ SURFACE TO TOP MOUNT CAP CLASTICS
~~Two Point Five~~ TOP MOUNT CAP CLASTICS TO BASE MOUNT CAP CLASTICS
~~Five metre sample~~
~~FIVE METRE~~ BASE MOUNT CAP CLASTICS TO TOP MOUNT CLARK A SAND
~~Sample intervals~~
~~Two Point Five~~ TOP MOUNT CLARK A SAND TO TOP PROTEROZOIC
~~Conventional cores~~
Logs and Tests: DSI ARRAY SONIC - GR - CAL, AIT - GR - CAL, LDT - TLD -
CASING AND CEMENTING PROGRAM PE - CNL - CAL - GR - DUAL DEN - COMP. NEUTRON

OD (mm)	Weight (kg/m)	Grade	Setting Depth (m KB)	Cementing
<u>339.7mm</u>	<u>101 kg/m</u>	<u>K-55</u>	<u>60m</u>	<u>10T ARCTIC SET</u>
<u>244.5mm</u>	<u>59.53 kg/m</u>	<u>L-80</u>	<u>550m</u>	<u>8T ARCTIC SET</u>
				<u>23T CLASS G</u>
<u>177.8mm</u>	<u>43.16 kg/m</u>	<u>L-80</u>	<u>1440m</u>	<u>23T CLASS G</u>

BOP Equipment: SHAFFER SPH 279mm 21MPa ANNULAR, SHAFFER LWS
279mm 21MPa PIPERAM, SHAFFER LWS 279mm 21MPa BLIND
RAM, ALL NACE TRIM, WAGNER 5 STATION 31.8 LITRE ACCUMULATOR
Other Information: RATED AT 21MPa AND A 21MPa 76mm MANIFOLD.
THE MASTER BOP CONTROLS ARE LOCATED IN THE PUMP MOTOR
HOUSE AND THE REMOTES ARE LOCATED IN THE DOC HOUSE.

NOTE: NO CORING IS PLANNED

Signed: [Signature] Title: SR. DRILLING SUPT.
Name: BOB PHILLIPS Company: APACHE CANADA LTD.
Date: 17 NOVEMBER 2003 Phone: (403) 261-1316

APPROVAL

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

Date: Dec 12/03
File: 9211-A075-2-1
WID: 1998
UWI: 300R236640125450

Signed: [Signature]
Chief Conservation Officer