

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: SAHTU SETTLEMENT
Drilling Rig or Unit: NABORS RIG #62 Estimated Well Cost: \$4,500,000
Location-Unit: B Section: 23 Grid: 66°40', 125°45'
Coordinates: Lat: 66°32'05.692" Long: 125°49'33.237"
Area: NOGHA Field / Pool: N/A
Elevation-KB/RT: 315.27m KB (ASL) GL / Seafloor: 311.27
Approx. Spud Date: JANUARY 15, 2004 Est. Days on Location: 30
Anticipated Total Depth: 1440m Target: MT. CLARK

EVALUATION PROGRAM

~~FIVE~~ SURFACE TO TOP MOUNT CAP CLASTICS
~~Ten-metre sample~~
~~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
~~Canned sample intervals~~
~~TWO POINT FIVE~~ TOP MOUNT CLARK A SAND TO TOP PROTEROZOIC
~~Conventional cores at~~

Logs and Tests

CASING AND CEMENTING PROGRAM

O.D. (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>

B.O.P. Equipment: SHAFFER 'SPH' 279mm 21MPa ANNULAR, SHAFFER 'LWS' 279mm 21MPa PIPERAM, SHAFFER 'LWS' 279mm 21MPa BLIND RAM, ALLNACE TRIM, WAGNER 5 STATION 318 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 DOG HOUSE.
NOTE: NO CORING IS PLANNED

Signed: [Signature] Title: SR. DRILLING SUPT.
Responsible Officer
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 Signed: [Signature]
File: 9211-A075-2-1 Chief Conservation Officer
WID: 1998
UWI: 300B236640125450