



DEC 7 2003

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 WEST NOGHA K-14
Operator: APACHE CANADA LTD. Drilling Program No.:
Contractor: AKITA DRILLING LTD. Interest Identifier: SAHTU SETTLEMENT
Drilling Rig or Unit: AKITA RIG #51 Estimated Well Cost: \$4,500,000
Location-Unit: K Section: 14 Grid: 66° 40' 126° 00'
Coordinates: Lat.: 66° 33' 39.042" Long.: 126° 03' 02.842"
Area: NOGHA Field / Pool: N/A
Elevation-KB/RT: 312.44mKB (ASL) GL / Seafloor: 307.54
Approx. Spud Date: FEBRUARY 15, 2004 Est. Days on Location: 30
Anticipated Total Depth: 1355 M 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 CLASTIC
~~Five-metre sample~~
~~FIVE METRE~~ BASE MOUNT CLASTIC TO TOP MOUNT CLARK SAND 'A'
~~Concentric sample intervals~~
~~TWO POINT FIVE METRE SAMPLE~~ TOP MT. CLARK 'A' SAND TO TOP PROTEROZOIC
~~Conventional cores at~~
~~FIVE METRE SAMPLE~~ TOP PROTEROZOIC TO T.D.
~~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>60 M</u>	<u>10TARCTICSET</u>
<u>244.5mm</u>	<u>59.53kg/m</u>	<u>L-80</u>	<u>550 M</u>	<u>8TARCTICSET</u>
				<u>23TCLASS'G'</u>
<u>177.8mm</u>	<u>43.16kg/m</u>	<u>L-80</u>	<u>1355 M</u>	<u>23TCLASS'G'</u>

B.O.P. Equipment: SHAFFER SPHERICAL 279mm 21MPa, 1- SHAFFER LWS 279mm
21MPa DOUBLE GATE RAM, 1- SHAFFER LWS 279mm 21MPa SINGLE GATE,
VALVECON 318L 21MPa 5 STATION ACCUM, ELECTRAK REMOTE, CAMERON
Other Information: WKM 51mm x 76mm 21 MPa CHOKE MANIFOLD.

CORING: POSSIBLE 18M CORE CAMBRIAN MOUNT CLARK
LOGS: DSL ARRAY SONIC - GR - CAL, AIT - GR - X/Y CAL,

Signed: Bob Phillips Title: SR. DRILLING Supt.
Name: BOB PHILLIPS Company: APACHE CANADA LTD.
Date: DEC 5/03 Phone: (403) 261-1316

APPROVAL

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

Date: January 14/04
File: 9211-A075-1-2
WID: 2006
UWI: 300K146640126000

Signed: for Chief Conservation Officer