



Exploratory
Development

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Delineation
Service

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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: RANGER NOTA CREEK C-17
Operator: Ranger Oil Limited
Contractor: Shehtah Drilling Limited
Drilling Rig or Unit: Rig #1
Location-Unit: C Section: 17 Grid Area: 65° 10' 126° 00'
Coordinates: Lat.: 65° 06' 01" Long.: 126° 02' 56"
Area: Tulita (Fort Norman)
Elevation-RT/KB: 172 m (ASL) Seafloor: (BRT)
Approx. Spud Date: December 16, 1997
Anticipated Total Depth: 1940 m
Estimated Well Cost: \$2,900,000
Drilling Program No.: --
Permit or Lease No.: EL-390
Estimated Days on Location: 30
Target Horizon(s): Mount Clark

EVALUATION PROGRAM

Ten-metre sample intervals None
Five-metre sample intervals 22 mKB to total depth, 2 vials and 1 bagged
Canned sample intervals None
Conventional cores at Possible 18 m core in Mount Clark
Logs and Tests Log and tests as per program

CASING AND CEMENTING PROGRAM

O.D.	Weight:	Grade:	Setting Depth Below Seafloor:	Cementing Program (Volumes):
508 mm	139.8 kg/m	K-55	22 m	Piledrive, Artic set cement to surface
339.7 mm	81.1 kg/m	K-55	170 m	Artic set cement to surface
244.4 mm	53.6 kg/m	J-55	670 m	670 - 140 m, RFC
139.7 mm	23.0 kg/m	K-55	1940 m	TD - 640 m, 1:1:2 fill, RFC tailin

B.O.P. Equipment: 540 mm, 14 MPa diverter system on conductor pipe
346 mm, 21 MPa, 2 pipe rams, 1 blind ram, annular preventor

Other Information: Gel Chem mud surface to 670 m
Invert mud 670 m to total depth

Signed: [Signature] Title: Drilling & Completions Superintendent
Date: October 14, 1997 Company: Ranger Oil Limited

APPROVAL

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

Signed: [Signature] Chief Conservation Officer

Date: Dec 4/97

File: 9211-R36-2-1, WID.1831

UWI 300C176510126000

Canada

NATIONAL ENERGY BOARD
ENGINEERING BRANCH
OCT 16 1997