



WELL TERMINATION RECORD

This record is submitted in triplicate in compliance with Section 184 of the Canada Oil and Gas Drilling Regulations.

WELL DATA

Well Name: RANGER FORT LIARD P-66A Area: Fort Liard, NT
Grid Area: 60° 40', 123° 30' Field/Pool: New Exploration
Permit or Lease No.: EL 363 Final Coordinates: Lat: 60° 35' 55.66" Long: 123° 41' 25.31"
Drilling Unit: Precision Rig #426E Elevations ~~KB~~/KB: 459.89 ~~SSGL~~GL: 449.49
Spud Date: 09:00 hrs 97-07-14 Rig Released: 16:00 hrs 98-03-09 Total Depth: 3500 m KB measured
3000 m TVD

CASING AND CEMENTING

O.D.:	Weight:	Grade:	Depth Set:	Cement and Additives:
508 mm	139.87 kg/m	K-55	262 m	80T + 2% CaCl ₂ 5T "G" + 2% CaCl ₂
339.7 mm	101.2 kg/m	K-55	1005 m	92T "G" + .2% D13 + .5% D65
244.5 mm	79.6 kg/m	L-80	3115 m	17T "G" + 35% D66 + 1.25% D160 + .5% D28 + .5% D65
244.5 mm	69.9 kg/m	L-80	2452 m	68T "G" + .3% B71 + .5% D65
177.8 mm liner	38.7 kg/m	L-80	3499 m	14.7T "G" + 35% D66 + .5% D65 + .3% D28 + .2% D121 + 100 L D135 + 1960 L D600 + 76 L D47

PLUGGING PROGRAM

Approval of the following program was obtained by (person) J. Leroy Brown, Ranger from
(person) Andrew Graw, NEB by means of
correspondence on March 27 19 98

Type of Plug:	Interval:	Felt:	Cement and Additives:
OTIS PX	3072.5 m	(in OTIS incoloy X nipple)	
		Tubing full of inhibited fresh water. Pressure	
		tested to 28 MPa. 88.9 mm backpressure valve in	
		tubing mandrell.	

Lost Circulation/Overpressure Zones: Partial loss circulation 1275 - 1290 m, 3292 - 3298 m
Overpressures 2023 m, 2973 m N/A
Equipment left on Seafloor (Describe):

Provision for Re-entry (Describe and attach sketch): Wellhead chained and locked, wellsign installed.

Cores: Type: No cores Intervals:
No DST's

Other Downhole Completion/Suspension Equipment: 244.5 mm stage cementer at 1300.4 mKB
177.8 mm liner hanger at 2909.4 m KB, See attached downhole well profile for tubing string details.

CERTIFICATION

I certify on the basis of personal knowledge of operations undertaken at the above named well that the above information is accurate.

Signed:
Name: Don Sorkilmo

Title: Drilling & Completions Superintendent
Date: April 2, 1998

Acknowledged by:
Engineering Branch

Date: April 14/98
File: 9211-R36-1-2, WID 1823

UWI 300P66604012330#

Well Status
Suspended ☒
Completed ☐
Abandoned ☐

Canada