



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-RT/KB: 459.89 SF/GL: 449.49
Spud Date: July 14, 1997 Rig Released: March 9, 1998 Total Depth: 3500 mKB measured
RE Date July 5, 1998 Termination Sept. 2, 1998 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	14t "G" + 35% D66 + .5% D65 + .3% D28 + .2% D121 + 100L D135 + 1960 L D600 + 76L 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 September 4, 1998

Type of Plug:	Interval:	Felt:	Cement and Additives:
OTIS "XN"	3060.39 m	(in OTIS 88.9 mm "XN" 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): N/A

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 mKB, 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: J. Leroy Brown P. Eng.
Name: J. Leroy Brown

Title: Sr. Completions Engineer
Date: September 28, 1998

Acknowledged by: T. Baker
Engineering Branch

Well Status
Suspended ☒
Completed ☐
Abandoned ☐

Date: Oct 16/98
File: 9211-R36-1-2E, WID 1823
UWI 300P666040123302

Canada



RAPPORT DE CESSATION DE PUIITS

Ce rapport doit être présenté en trois exemplaires, conformément à l'article 184 du Règlement concernant le forage des puits de pétrole et de gaz naturel au Canada.

DONNÉES SUR LE PUIITS

Nom du puits: Région:
Étendue quadrillée: Champs/Gisement:
No. de Permis ou Concession: Coordonnées Finales: Lat: Long:
Unité de forage: Elevation-TR/GE: Fonds marins/sol:
Date du démarrage: Date de libération de l'appareil: Profond. Totale:

TUBAGE ET CIMENTATION

Diamètre extérieur:	Poids:	Qualité	Profondeur:	Ciment et Additifs:
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.....				
.....				
.....				

PROGRAMME D'OBTURATION

L'approbation du programme de cessation fut obtenue par (personne)
de (personne)
par le 19

Type de bouchon:	Intervalle:	Profond. vérifiée:	Ciment et Additifs:
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.....			
.....			
.....			
.....			

Zone de perte de circulation/surpression:

Équipements laissés sur les fonds marins (description):

Mesures prises pour la réintégration (description et schéma):

Carottes: Type: Intervalles:
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Autre équipement en fond de trou pour l'achèvement/la suspension:
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CERTIFICATION

Je certifie qu'à ma connaissance, les informations ci-haut mentionnées sont exactes.

Signé: Ing. Titre:
Nom: Date:

Reçu par:
Direction de la technique

État du puits
Suspendu ☐
Achevé ☐
Abandonné ☐

Date:
No. de dossier:

Canada