



## WELL TERMINATION RECORD

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

Well Name: Ranger North Liard P-66A Area: \_\_\_\_\_  
Grid Area: N60°40'00" W123°30'00" Field / Pool: Nahanni  
Interest \_\_\_\_\_ Final Lat 60°40'00" Long: 123°30'00"  
Drilling \_\_\_\_\_ Elevations: KB459.9m (ASL) GL/Seafloor KB-CF10.35m  
Spud Date: \_\_\_\_\_ R.R.: \_\_\_\_\_ Total Depth: 3,499m KB  
O.D. (mm) Weight (kg/m) Grade Depth Set (m KB) Cement (m³)  
339.7 101.2 K-55 1,008 92t  
244.5 79.6 & 69.9 L-80 3,115 85t  
177.8 38.7 L-80 3,499 14t  
114.3 L-80 2,964 tubing

### PLUGGING PROGRAM

Approval of the following program was obtained by (person) \_\_\_\_\_

from (person) \_\_\_\_\_ of the \_\_\_\_\_  
by means of \_\_\_\_\_ on \_\_\_\_\_

Type of Plug	Interval (m KB)	Felt	Cement (m³)
Pump 2m3 inhibited diesel in tubing.	Run and pull the lock open mandrel from the sub-surface safety valve (SSSV) at 146.9m KB.	Run and set Otis 96.82mm X plug in SSSV at 146.89m.	PT with 1.2m3 inhibited diesel to 21 MPa.
		Set dog nut plug in wellhead and PT to 21 MPa.	

Lost Circulation/Overpressure Zones: \_\_\_\_\_

Equipment left on Seafloor (Describe): \_\_\_\_\_

Provision for Re-entry (Describe and attach sketch): See Attachment 2-Downhole diagrams

Cores: Type: \_\_\_\_\_ Interval: \_\_\_\_\_  
\_\_\_\_\_

Other Downhole Completion/Suspension: \_\_\_\_\_

### CERTIFICATION

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

Signed: Robert D. Hallert P.Eng. Title: Production Eng.

Name: Robert D. Hallert P.Eng. Date: 01/06/11

Company: Canadian Natural Resources Ltd.

Well Status
Suspended <input checked="" type="checkbox"/>
Completed <input type="checkbox"/>
Abandoned <input type="checkbox"/>

Acknowledged by: JM Baker

Chief Conservation Officer

Date: June 28/01

File: 9211-R36-1-2

1823

UWI: 300P666040123304

WID: \_\_\_\_\_