



CANADA

# 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: Columbia et al Kotaneelee YT E-37 Area: Yukon Territory  
 Grid Area: 124°00'00" 60°10'00" Field/Pool: Kotaneelee/ Nahanni  
 Permit or Lease No.: 411-68 Final Coordinates: Lat: 60°06'27" Long: 124°07'16"  
 Drilling Unit: Trimat #8 Elevations-RT/KB: 621.2 m SFGL: 613.6 m  
 Spud Date: January 21, 1978 Rig Released: December 5, 1978 Total Depth: 4191.0 m

### CASING AND CEMENTING

O.D.: (mm)	Weight: (kg/m)	Grade:	Depth Set: (m)	Cement and Additives:
508.0	139.9	H.40	262.0	2000 sacks, class G ( 2% CaCl2)
339.7	107.2	N.80	1043.0	3000 sacks, class G ( gel 8% & T-10)
244.5	64.7/ 69.9	N.80	3045.0	2000 sacks, class G ( R55, T-10)
177.8	43.2/ 47.6	N.80	4172.0	1300 sacks, class G ( R55, D-21, T-10)

### PLUGGING PROGRAM

Approval of the following program was obtained by (person) Anderson Oil and Gas Inc. (D. Quinn) from (person) J. Baker (Chief Conservation Officer) by means of Application to Alter on June 30, 1997.

Type of Plug:	Interval:	Felt:	Cement and Additives:
Bridge Plug	3798.0		
Retainer	3791.5		
Cement Cap	3791.5-3776.5	Not Felt	Class "G", 0.3 m3 ( Dump Bailed)
Bridge Plug	3179.0		
Retainer	3173.0		
Cement Cap	3138.0	Not Felt	Class "G", circulated 0.7 m3

Lost Circulation/Overpressure Zones: Not applicable

Equipment left on Seafloor (Describe): Not applicable

Provision for Re-entry (Describe and attach sketch): Not applicable

Cores: Type: Full Hole, Besa River Intervals: 3478-3488, 3879-3883  
 Nahanni 3091-3953, 4003-4021

Other Downhole Completion/Suspension Equipment: Bridge Plug at 4140 m, capped with cement (top at 4134), Packer at 3856 m, plug in tubing at 3859, all set prior to 1997 abandonment.

### CERTIFICATION

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

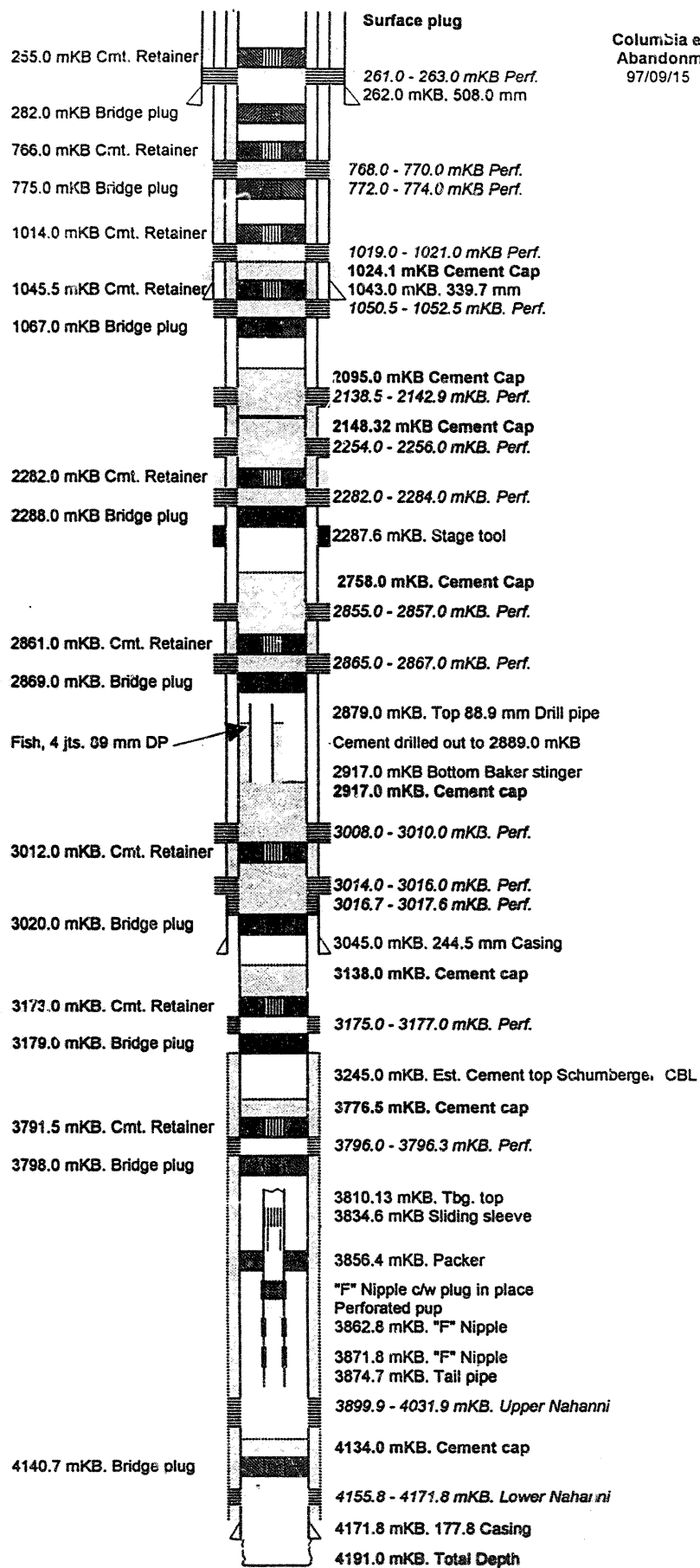
Signed: *David Quinn* P. Eng. Title: Consultant  
 Name: David Quinn Date: April 3, 1998

Acknowledged by: *Henry Baker*  
 Engineering Branch  
 Date: April 7, 1998

Well Status  
 Suspended   
 Completed   
 Abandoned

File: 60-10-124-00, WID. 1086  
 UWI 300E376010124002

Columbia et al Kotanelee YT E-37  
Abandonment Record  
97/09/15





Sheet 1

WELL TERMINATION RECORD					
Plugging Program, Columbia et al Kotaneesee YT E-37 (Continued)					
Type	Interval	Felt	Cementing Details		
Bridge Plug	3020				
Retainer	3012		Thermal 40F, 1.5m3 below retainer.		
Cement Cap	2917		Thermal 40F, 0.7m3 placed on top of retainer.		
Bridge Plug	2869				
Retainer	2861	2758	Class "G", 0.24 placed below retainer, 1.96m3 on top of retainer.		
Bridge Plug	2288				
Retainer	2282	2148	Class "G", 1.0m3 below retainer, 2.8m3 on top of retainer.		
Cement Cap	2143-1741	2095	Class "G", 7.5m3 (5.5m3 squeezed).		
Bridge Plug	1067				
Retainer	1045	1024	Class "G", 10.0m3 placed below retainer, 0.5m3 on top of retainer.		
Retainer	1014		Class "G", 7.0m3 placed below retainer.		
Bridge Plug	775				
Retainer	766		Class "G", 2.7m3 placed below retainer.		
Bridge Plug	282				
Retainer	255		Class "G", 4.5m3 placed below retainer.		
Cement Plug	30		Class "G", 0.4m3 surface plug, welded cap on casing stub.		