

WELL TERMINATION RECORD

INSTRUCTIONS:

1. Complete both pages.
2. Send one electronic copy of this form and supporting technical documentation by email to orogo@gov.nt.ca. If you wish to communicate with OROGO in hard copy, please do so using the courier address found at www.orogo.gov.nt.ca.

WELL INFORMATION

Well Name	Arrowhead River K-35	Operator	Canadian Natural Resources
Well Type	Exploratory Well (if Other, specify _____)	Contractor	
Well Identifier	1991	Current Well Status	Suspended

RELATED LICENCES AND AUTHORIZATIONS

Operating Licence No.	NWT-OL-2014-001	Operations Authorization	OA - 2018-005- CNRL
PRA Licence No.	Select <input type="button" value=""/>	Approval to Alter Condition of Well	ACW - 2019-016- CNRL-K-35- WID1991 Variation 3

LOCATION INFORMATION

Coordinates Datum: NAD27 (if Other, please specify _____)

Surface	Lat 60 ° 34 ' 38 "	Long 122 ° 51 ' 47 "
Bottom Hole	Lat 60 ° 34 ' 38 "	Long 122 ° 51 ' 47 "

Region: Dehcho Unit K Section 35 Grid 60-40 122-45

ACTIVITY INFORMATION

Target Formation(s)	Landry	Field/Pool(s)	Ft. Liard /
Elevation KB/RT	546.2 m	Ground Level / Seafloor	541.2 m
Spud/Re-entry Date	1/11/2023 days	Total Depth	2812 m KB
Rig Release Date	1/22/2023	Total Vertical Depth	2812 m KB

CASING AND CEMENTING PROGRAM

	O.D. (mm)	Weight (kg/m)	Grade	Setting Depth (m KB)	Cementing (m³)	

PLUGGING PROGRAM				
Type of Plug	Interval (m KB)	Felt	Setting Depth (m KB)	Cementing (m ³)
Bridge	2416.8-2417.2	Yes	2417.2	
Cement	2366.8-2416.8	No	2416.8	1
Cement Retainer	679.8-680.3	Yes	680.3	9.5
Cement	664.8-679.8	No	679.8	0.3

PERFORATION	
Interval (m KB)	Comments
687-688	BGWP Remedial Perforation
653-654	BGWP Remedial Perforation
-	
-	

OTHER	
Lost Circulation/Overpressure Zones	
Equipment Left on Site (Describe)	None- well cut and capped
Provision for Re-entry (Describe and attach sketch)	
Other Downhole Completion/Suspension	
Additional Comments	Not enough room in plugging program section for everything - Retainer from 647.8-648.3mKB which was felt and had 9.5m ³ cement pumped through retainer at 680.3mKB for BGWP squeeze. Additionally 300l of cement was circulated on top of the retainer from 632.8-647.8mKB.

<i>"I certify that the information provided on this form is true and correct"</i>			
Name	James Ireland	Phone	(403) 386-5955 Ext
Title	Abandonment Engineering	E-Mail	James.Ireland@cnrl.com
Operator	Canadian Natural Resources		
Signature	<i>Responsible Officer of Company</i>	Date	May 3, 2023