

APPROVAL TO ALTER THE CONDITION OF A WELL

This form is an application for a Well Approval under Section 10 of the Oil and Gas Drilling and Production Regulations.

INSTRUCTIONS:

1. Complete both pages.
2. Send one electronic copy of this form and supporting technical documentation by email to orogo@gov.nt.ca.
3. Send two signed hard copies of this form and supporting technical documentation by courier to:
 Chief Conservation Officer
 Office of the Regulator of Oil and Gas Operations
 4th floor Northwest Tower
 5201 50th Avenue
 Yellowknife NT X1A 3S9

WELL INFORMATION

Well Name	North Liard C-31	Operator	Obsidian Energy Ltd
Well Type	Exploratory Well (if Other, specify _____)	Contractor	TBD

RELATED LICENCES, PERMITS, AND AUTHORIZATIONS

Operating Licence No.	NWT-OL-2014-015	Operations Authorization	TBD
PRA Licence No.	Exploration Licence <input type="checkbox"/>	Station Keeping	Not Applicable
		Land Structure	Conventional Land
Land Use Permit No.		Issued by:	Select
Water Licence No.		Issued by:	Select

ACTIVITY INFORMATION

Current Well Status	Suspended	Anticipated Well Status	Abandoned
Well Path	Vertical	Elevation KB/RT	488.0 m
Approximate Start Date	June 2022	Ground Level / Seafloor	481.3 m
Est. Days on Location	18 days	Anticipated Total Depth	2255.0 m KB


WELL OPERATION PROGRAM

Activity Type	Top to Bottom Interval (m KB)	Comments
Abandonment	1967-1973	Fort Simpson - to be abandoned with BP and cement
Abandonment	1697-1766	Exshaw Interval - to be abandoned with BP and cement
Other	0-1697	Bond log to determine cement top and quality*
Select	-	

Additional Information

*Remedial cementing as required for base of ground water isolation

"I certify that the information provided on this form is true and correct"

Name	<u>Derek Warren</u>	Phone	<u>(403) 693-2793</u>
Title	<u>Mgr. Stakeholder Relations</u>	E-Mail	<u>derek.warren@obsidianenergy.com</u>
Operator	<u>Environment</u> <u>Obsidian Energy</u>		
Signature		Date	<u>March 28, 2019</u>
	<u>Responsible Officer of Company</u>		

OROGO use Only ACW _____ - _____ OA _____ - _____