Weatherford Laboratories (Canada) Ltd.
Mud Logging Unit #1
Mud Logging Unit #2

ALPAMAYO B-1

Well Name:	
Location:	Section 21 - Township 56 North - Range 19 West
Licence Number:	Alberta Energy Regulator - Alberta Crown, Crown, Crown
Spud Date:	January 10, 2019 Drilling Completed
Rig Release:	2:30 AM
Time:	2:00 PM, 19 Jan Mtg.
Elevation:	
Ground Elevation:	1117 K.B. Elevation: 1141 1141
Total Depth (MD):	3147 Total Depth (TVD): 3147
Final Drilling Fluid:	Production Fluid
Type of Drilling Rig:	Conventional Rotary
Operator's Name:	Canadian Natural Resources Limited (CNRL)

OPERATOR

Company:	Canadian Natural Resources Limited (CNRL)
Address:	2100, 855 2nd St SW, Calgary, AB T2P 4J8
	Alberta, AB T2P 4J8

WELLSITE

Name:	Bill Brown, Jason Hall
Company:	Weatherford Canada Ltd.
Address:	1313 44 Ave NE Calgary, AB T2E

DATA

Surface Casing: Not Cemented at 141.0 m KB @ 1000 using a 311.2 mm Bit. Fully TCP with 215 mm MAM sizes, 270 psi, 75 bbls Lead Cement, and used 17 m³ of cement. Did not circulate.

Production Casing: 2021 to 3147 m. 3147 m. 3250 m. 3250 m. 3147 m. 3147 m. 3147