

Well Header						
Surface UWI 0512348914		Business Unit Rockies		Gov Auth Dist	Prod Tree Loc Land	
Original RKB (ft) 4,727.00		Orig. KB to Gnd (ft) 30.00		Orig. Spud Date 2/3/2022	Abandon Date	
Comment THERE IS AN EXCEPTION TO THE COGCC LOGGING REQUIREMENTS RULE 317.p. A cased-hole neutron log with gamma-ray log will be run from the kick-off point into the surface casing. See Sundry Doc. #402488383 dated 9/14/2020 for COA details. MLVT will be designed and implemented consistent with the June 13, 2014 COGCC MLVT policy. See Sundry Doc. #402476473 dated 08/27/2020						
Directions To Well CR40 & 55 south 1 mile, east .75 of a mile into						
Congressional Location						
Quarter 3 SE	Quarter 4 SW	Section 34	Twnshp 4	Twnshp N/\$ N	Range 64	Rng E/W D W
Bottom Hole Legal Location						
Bottom Hole Legal Location 6 35/SWSE-34-004N-064W6PM						
Plug Back Total Depths						
Date	PBTD (ftKB)	Method			Com	
Wellbore Sections						
Section Des		Hole Size (in)	Act Top (ftKB)		Act Btm (ftKB)	
CONDUCTOR		26	30.0		110.0	
SURFACE		13 1/2	110.0		1,938.0	
PRODUCTION		8 1/2	1,938.0		17,315.0	
Zone Statuses						
Zone Name	Status Date	Status	Fluid Type	Job	Prod Method	
NIORARA	9/16/2022		Oil	Complete, 3/	Naturally Flowing	
NIORARA	9/16/2022		Gas	Complete, 3/	Naturally Flowing	
Casing Strings						
Conductor, Planned?-N, 110ftKB						
Csg Des	Run Date	OD (in)	Wt/Len	Grade	Top Dept	Set Dept
Conductor	12/18/2021	16	36.94	A-52A	30	110
SURFACE, Planned?-N, 1928ftKB						
Csg Des	Run Date	OD (in)	Wt/Len	Grade	Top Dept	Set Dept
SURFACE	2/3/2022	9 5/8	36.00	J-55	30	1928
Production Casing, Planned?-N, 17301.8ftKB						
Csg Des	Run Date	OD (in)	Wt/Len	Grade	Top Dept	Set Dept
Production Casing	2/16/2022	5 1/2	17.00	P-110	30	17301.8
Cement						
Description Conductor Cement				Top (ftKB)	Btm (ftKB)	
				30.0	110.0	
Tubing Strings						

Land, Original Hole, 9/29/2022 11:08:15 AM					
MD (ftKB)	TVD (ftKB)	Vertical schematic (actual)			
6.470.1	6.448.9				
7.452.1	6.756.0				
7.623.2	6.755.9	SAND FRAC, 7361-7543, 8/19/2022			
7.842.8	6.755.8	PROPPANT FRAC, 7572-7754, 8/18/2022			
8.023.0	6.755.3	PROPPANT FRAC, 7784-7964, 8/18/2022			
8.207.0	6.754.9	PROPPANT FRAC, 7993-8175, 8/18/2022			
8.384.8	6.755.4	SAND FRAC, 8204-8384, 8/18/2022			
8.565.1	6.755.9	PROPPANT FRAC, 8414-8596, 8/17/2022			
8.776.9	6.756.8	PROPPANT FRAC, 8625-8807, 8/17/2022			
8.985.9	6.756.5	PROPPANT FRAC, 8836-9016, 8/17/2022			
9.167.0	6.756.4	SAND FRAC, 9046-9223, 8/16/2022			
9.348.1	6.756.6	SAND FRAC, 9257-9436, 8/16/2022			
9.558.1	6.755.9	SAND FRAC, 9467-9648, 8/16/2022			
9.743.1	6.754.6	SAND FRAC, 9678-9860, 8/16/2022			
9.948.2	6.753.0	SAND FRAC, 9889-10070, 8/15/2022			
10.126.9	6.752.7	SAND FRAC, 10099-10281, 8/15/2022			
10.338.9	6.752.7	SAND FRAC, 10310-10492, 8/15/2022			
10.522.0	6.753.4	SAND FRAC, 10521-10702, 8/14/2022			
10.701.1	6.754.0	SAND FRAC, 10731-10913, 8/14/2022			
10.882.9	6.754.2	SAND FRAC, 10942-11123, 8/14/2022			
11.091.9	6.753.6	SAND FRAC, 11152-11334, 8/13/2022			
11.271.0	6.753.0	SAND FRAC, 11363-11541, 8/13/2022			
11.482.9	6.753.9	SAND FRAC, 11574-11753, 8/13/2022			
11.665.0	6.754.4	SAND FRAC, 11784-11966, 8/12/2022			
11.874.0	6.752.6	SAND FRAC, 11995-12175, 8/12/2022			
12.057.1	6.751.0	SAND FRAC, 12205-12387, 8/12/2022			
12.288.0	6.749.6	SAND FRAC, 12416-12598, 8/12/2022			
12.445.9	6.747.7	SAND FRAC, 12627-12808, 8/11/2022			
12.626.0	6.747.0	SAND FRAC, 12837-13019, 8/11/2022			
12.836.9	6.747.4	SAND FRAC, 13048-13229, 8/11/2022			
13.019.0	6.745.8	SAND FRAC, 13258-13440, 8/11/2022			
13.228.0	6.745.8	SAND FRAC, 13469-13651, 8/10/2022			
13.410.1	6.748.8	SAND FRAC, 13680-13861, 8/10/2022			
13.619.1	6.749.1	SAND FRAC, 13890-14072, 8/10/2022			
13.800.9	6.747.0	SAND FRAC, 14101-14282, 8/10/2022			
13.980.0	6.745.1	SAND FRAC, 14311-14493, 8/9/2022			
14.162.1	6.743.1	SAND FRAC, 14522-14704, 8/9/2022			
14.368.1	6.741.4	SAND FRAC, 14733-14910, 8/8/2022			
14.548.9	6.740.8	SAND FRAC, 14943-15125, 8/8/2022			
14.763.1	6.741.3	SAND FRAC, 15154-15335, 8/8/2022			
14.943.0	6.741.2	SAND FRAC, 15364-15546, 8/7/2022			
15.153.9	6.741.8	SAND FRAC, 15575-15757, 8/7/2022			
15.335.0	6.740.6	SAND FRAC, 15786-15967, 8/7/2022			
15.544.9	6.738.1	SAND FRAC, 15996-16178, 8/6/2022			
15.726.0	6.737.2	SAND FRAC, 16207-16388, 8/6/2022			
15.936.0	6.736.9	SAND FRAC, 16417-16599, 8/6/2022			
16.118.1	6.736.2	SAND FRAC, 16626-16810, 8/5/2022			
16.327.1	6.735.0	SAND FRAC, 16839-17020, 8/5/2022			
16.508.9	6.734.4	SAND FRAC, 17049-17170, 8/5/2022			
16.717.8	6.734.1				
16.899.9	6.733.9				
17.108.9	6.734.1				
17.303.8	6.734.6				

Other In Hole						
Run Date	Des	Make	OD (in)	Top (ftKB)	Btm (ftKB)	Plan
Logs						
Date	Type	Depth Top (MD) (ftKB)	Btm (ftKB)			
3/29/2022	RADIAL SECTOR CBL	30	6,999.0			
Perforation Data						
Linked Zone	Explosive Type	Sum of Entered Shot Total	Top (ftKB)	Btm (ftKB)	Date	
NIOBRARA, Original Hole		0				
NIOBRARA, Original Hole		0				
NIOBRARA, Original Hole		4	7,361.0	7,362.0	8/19/2022	
NIOBRARA, Original Hole		4	7,392.0	7,393.0	8/19/2022	
NIOBRARA, Original Hole		4	7,422.0	7,423.0	8/19/2022	
NIOBRARA, Original Hole		4	7,452.0	7,453.0	8/19/2022	
NIOBRARA, Original Hole		4	7,486.0	7,487.0	8/19/2022	
NIOBRARA, Original Hole		4	7,512.0	7,513.0	8/19/2022	
NIOBRARA, Original Hole		4	7,542.0	7,543.0	8/19/2022	
NIOBRARA, Original Hole		4	7,572.0	7,573.0	8/18/2022	
NIOBRARA, Original Hole		4	7,602.0	7,603.0	8/18/2022	
NIOBRARA, Original Hole		4	7,632.0	7,633.0	8/18/2022	
NIOBRARA, Original Hole		4	7,662.0	7,663.0	8/18/2022	
NIOBRARA, Original Hole		4	7,692.0	7,693.0	8/18/2022	
NIOBRARA, Original Hole		4	7,723.0	7,724.0	8/18/2022	
NIOBRARA, Original Hole		4	7,753.0	7,754.0	8/18/2022	
NIOBRARA, Original Hole		4	7,784.0	7,785.0	8/18/2022	
NIOBRARA, Original Hole		4	7,813.0	7,814.0	8/18/2022	
NIOBRARA, Original Hole		4	7,843.0	7,844.0	8/18/2022	
NIOBRARA, Original Hole		4	7,873.0	7,874.0	8/18/2022	
NIOBRARA, Original Hole		4	7,903.0	7,904.0	8/18/2022	
NIOBRARA, Original Hole		4	7,933.0	7,934.0	8/18/2022	
NIOBRARA, Original Hole		4	7,963.0	7,964.0	8/18/2022	
NIOBRARA, Original Hole		4	7,996.0	7,997.0	8/18/2022	
NIOBRARA, Original Hole		4	8,023.0	8,024.0	8/18/2022	
NIOBRARA, Original Hole		4	8,053.0	8,054.0	8/18/2022	
NIOBRARA, Original Hole		4	8,084.0	8,085.0	8/18/2022	
NIOBRARA, Original Hole		4	8,114.0	8,115.0	8/18/2022	
NIOBRARA, Original Hole		4	8,144.0	8,145.0	8/18/2022	
NIOBRARA, Original Hole		4	8,174.0	8,175.0	8/18/2022	
NIOBRARA, Original Hole		4	8,207.0	8,208.0	8/18/2022	
NIOBRARA, Original Hole		4	8,234.0	8,235.0	8/18/2022	
NIOBRARA, Original Hole		4	8,264.0	8,265.0	8/18/2022	
NIOBRARA, Original Hole		4	8,294.0	8,295.0	8/18/2022	
NIOBRARA, Original Hole		4	8,324.0	8,325.0	8/18/2022	
NIOBRARA, Original Hole		4	8,354.0	8,355.0	8/18/2022	
NIOBRARA, Original Hole		4	8,384.0	8,385.0	8/18/2022	
NIOBRARA, Original Hole		4	8,414.0	8,415.0	8/17/2022	
NIOBRARA, Original Hole		4	8,445.0	8,446.0	8/17/2022	
NIOBRARA, Original Hole		4	8,475.0	8,476.0	8/17/2022	
NIOBRARA, Original Hole		4	8,507.0	8,508.0	8/17/2022	
NIOBRARA, Original Hole		4	8,535.0	8,536.0	8/17/2022	
NIOBRARA, Original Hole		4	8,565.0	8,566.0	8/17/2022	
NIOBRARA, Original Hole		4	8,595.0	8,596.0	8/17/2022	
NIOBRARA, Original Hole		4	8,625.0	8,626.0	8/17/2022	

Land, Original Hole, 9/29/2022 11:08:15 AM			Perforation Data				
MD (ftKB)	TVD (ftKB)	Vertical schematic (actual)					
6.470.1	6.448.9		NIOBRARA, Original Hole	4	8,745.0	8,746.0	8/17/2022
7.452.1	6.756.0		NIOBRARA, Original Hole	4	8,776.0	8,777.0	8/17/2022
7.632.0	6.765.9		NIOBRARA, Original Hole	4	8,806.0	8,807.0	8/17/2022
7.842.0	6.755.8		NIOBRARA, Original Hole	4	8,836.0	8,837.0	8/17/2022
8.023.0	6.755.3		NIOBRARA, Original Hole	4	8,866.0	8,867.0	8/17/2022
8.207.0	6.754.9		NIOBRARA, Original Hole	4	8,896.0	8,897.0	8/17/2022
8.384.0	6.755.4		NIOBRARA, Original Hole	4	8,925.0	8,926.0	8/17/2022
8.565.1	6.755.9		NIOBRARA, Original Hole	4	8,956.0	8,957.0	8/17/2022
8.746.0	6.756.8		NIOBRARA, Original Hole	4	8,986.0	8,987.0	8/17/2022
8.925.0	6.756.5		NIOBRARA, Original Hole	4	9,018.0	9,019.0	8/17/2022
9.107.0	6.756.4		NIOBRARA, Original Hole	4	9,046.0	9,047.0	8/16/2022
9.281.1	6.756.6		NIOBRARA, Original Hole	4	9,076.0	9,077.0	8/16/2022
9.462.2	6.753.0		NIOBRARA, Original Hole	4	9,106.0	9,107.0	8/16/2022
9.642.2	6.752.7		NIOBRARA, Original Hole	4	9,137.0	9,138.0	8/16/2022
9.823.9	6.752.7		NIOBRARA, Original Hole	4	9,167.0	9,168.0	8/16/2022
10.004.9	6.752.7		NIOBRARA, Original Hole	4	9,197.0	9,198.0	8/16/2022
10.185.9	6.753.4		NIOBRARA, Original Hole	4	9,222.0	9,223.0	8/16/2022
10.366.9	6.754.0		NIOBRARA, Original Hole	4	9,257.0	9,258.0	8/16/2022
10.547.9	6.754.4		NIOBRARA, Original Hole	4	9,287.0	9,288.0	8/16/2022
10.728.9	6.754.4		NIOBRARA, Original Hole	4	9,317.0	9,318.0	8/16/2022
10.909.9	6.753.6		NIOBRARA, Original Hole	4	9,347.0	9,348.0	8/16/2022
11.090.9	6.753.6		NIOBRARA, Original Hole	4	9,377.0	9,378.0	8/16/2022
11.271.9	6.753.0		NIOBRARA, Original Hole	4	9,407.0	9,408.0	8/16/2022
11.452.9	6.753.9		NIOBRARA, Original Hole	4	9,435.0	9,436.0	8/16/2022
11.633.9	6.754.4		NIOBRARA, Original Hole	4	9,467.0	9,468.0	8/16/2022
11.814.9	6.752.6		NIOBRARA, Original Hole	4	9,498.0	9,499.0	8/16/2022
11.995.9	6.751.0		NIOBRARA, Original Hole	4	9,528.0	9,529.0	8/16/2022
12.176.9	6.749.6		NIOBRARA, Original Hole	4	9,558.0	9,559.0	8/16/2022
12.357.9	6.747.7		NIOBRARA, Original Hole	4	9,588.0	9,589.0	8/16/2022
12.538.9	6.747.4		NIOBRARA, Original Hole	4	9,618.0	9,619.0	8/16/2022
12.719.9	6.745.8		NIOBRARA, Original Hole	4	9,647.0	9,648.0	8/16/2022
12.900.9	6.745.8		NIOBRARA, Original Hole	4	9,678.0	9,679.0	8/16/2022
13.081.9	6.746.8		NIOBRARA, Original Hole	4	9,708.0	9,709.0	8/16/2022
13.262.9	6.748.1		NIOBRARA, Original Hole	4	9,742.0	9,743.0	8/16/2022
13.443.9	6.748.8		NIOBRARA, Original Hole	4	9,768.0	9,769.0	8/16/2022
13.624.9	6.749.1		NIOBRARA, Original Hole	4	9,798.0	9,799.0	8/16/2022
13.805.9	6.747.0		NIOBRARA, Original Hole	4	9,829.0	9,830.0	8/16/2022
13.986.9	6.745.1		NIOBRARA, Original Hole	4	9,859.0	9,860.0	8/16/2022
14.167.9	6.743.1		NIOBRARA, Original Hole	4	9,889.0	9,890.0	8/15/2022
14.348.9	6.741.4		NIOBRARA, Original Hole	4	9,919.0	9,920.0	8/15/2022
14.529.9	6.740.8		NIOBRARA, Original Hole	4	9,948.0	9,949.0	8/15/2022
14.710.9	6.741.3		NIOBRARA, Original Hole	4	9,979.0	9,980.0	8/15/2022
14.891.9	6.741.2		NIOBRARA, Original Hole	4	10,009.0	10,010.0	8/15/2022
15.072.9	6.741.8		NIOBRARA, Original Hole	4	10,039.0	10,040.0	8/15/2022
15.253.9	6.740.6		NIOBRARA, Original Hole	4	10,069.0	10,070.0	8/15/2022
15.434.9	6.738.1		NIOBRARA, Original Hole	4	10,099.0	10,100.0	8/15/2022
15.615.9	6.737.2		NIOBRARA, Original Hole	4	10,129.0	10,130.0	8/15/2022
15.796.9	6.736.9		NIOBRARA, Original Hole	4	10,160.0	10,161.0	8/15/2022
15.977.9	6.736.2		NIOBRARA, Original Hole	4	10,189.0	10,190.0	8/15/2022
16.158.9	6.735.0		NIOBRARA, Original Hole	4	10,220.0	10,221.0	8/15/2022
16.339.9	6.734.4		NIOBRARA, Original Hole	4	10,250.0	10,251.0	8/15/2022
16.520.9	6.734.1		NIOBRARA, Original Hole	4	10,280.0	10,281.0	8/15/2022
16.701.9	6.733.9		NIOBRARA, Original Hole	4	10,310.0	10,311.0	8/15/2022
16.882.9	6.734.1		NIOBRARA, Original Hole	4	10,339.0	10,340.0	8/15/2022
17.063.9	6.734.6		NIOBRARA, Original Hole	4	10,370.0	10,371.0	8/15/2022
17.244.9	6.734.6		NIOBRARA, Original Hole	4	10,400.0	10,401.0	8/15/2022

Land, Original Hole, 9/29/2022 11:08:15 AM		
MD (ftKB)	TVD (ftKB)	Vertical schematic (actual)
6.4701	6.448.9	
7.4521	6.756.0	
7.532.9	6.755.9	
7.442.8	6.755.8	
6.023.0	6.755.3	
6.207.0	6.754.9	
6.344.8	6.755.4	
6.205.1	6.755.9	
6.776.0	6.755.8	
6.885.9	6.756.5	
9.167.0	6.756.4	
9.348.1	6.756.6	
9.558.1	6.755.9	
9.743.1	6.754.6	
9.942.8	6.753.0	
10.126.9	6.752.7	
10.338.9	6.752.7	
10.522.0	6.753.4	
10.701.1	6.754.0	
10.882.9	6.754.2	
11.091.9	6.753.6	
11.271.0	6.753.0	
11.482.9	6.753.9	
11.665.0	6.754.4	
11.874.0	6.752.6	
12.057.1	6.751.0	
12.288.0	6.749.6	
12.445.9	6.747.7	
12.626.0	6.747.0	
12.836.9	6.747.4	
13.019.0	6.745.8	
13.226.0	6.745.8	
13.410.1	6.746.8	
13.619.1	6.749.1	
13.800.9	6.747.0	
13.980.0	6.745.1	
14.162.1	6.743.1	
14.368.1	6.741.4	
14.548.9	6.740.8	
14.763.1	6.741.3	
14.943.0	6.741.2	
15.133.9	6.741.8	
15.335.0	6.740.6	
15.544.9	6.738.1	
15.726.0	6.737.2	
15.936.0	6.736.9	
16.118.1	6.736.2	
16.327.1	6.735.0	
16.508.9	6.734.4	
16.717.8	6.734.1	
16.899.0	6.733.9	
17.108.9	6.734.1	
17.301.8	6.734.6	

Perforation Data					
Linked Zone	Explo sive Type	Sum of Enter e d Shot Total	Top (ftKB)	Btm (ftKB)	Date
NIOBRARA, Original Hole		4	10 430.0	10 431.0	8/15/2022
NIOBRARA, Original Hole		4	10 462.0	10 463.0	8/15/2022
NIOBRARA, Original Hole		4	10 491.0	10 492.0	8/15/2022
NIOBRARA, Original Hole		4	10 521.0	10 522.0	8/14/2022
NIOBRARA, Original Hole		4	10 551.0	10 552.0	8/14/2022
NIOBRARA, Original Hole		4	10 581.0	10 582.0	8/14/2022
NIOBRARA, Original Hole		4	10 612.0	10 613.0	8/14/2022
NIOBRARA, Original Hole		4	10 641.0	10 642.0	8/14/2022
NIOBRARA, Original Hole		4	10 671.0	10 672.0	8/14/2022
NIOBRARA, Original Hole		4	10 701.0	10 702.0	8/14/2022
NIOBRARA, Original Hole		4	10 731.0	10 732.0	8/14/2022
NIOBRARA, Original Hole		4	10 761.0	10 762.0	8/14/2022
NIOBRARA, Original Hole		4	10 791.0	10 792.0	8/14/2022
NIOBRARA, Original Hole		4	10 823.0	10 824.0	8/14/2022
NIOBRARA, Original Hole		4	10 852.0	10 853.0	8/14/2022
NIOBRARA, Original Hole		4	10 882.0	10 883.0	8/14/2022
NIOBRARA, Original Hole		4	10 912.0	10 913.0	8/14/2022
NIOBRARA, Original Hole		4	10 942.0	10 943.0	8/14/2022
NIOBRARA, Original Hole		4	10 972.0	10 973.0	8/14/2022
NIOBRARA, Original Hole		4	11 002.0	11 003.0	8/14/2022
NIOBRARA, Original Hole		4	11 028.0	11 029.0	8/14/2022
NIOBRARA, Original Hole		4	11 062.0	11 063.0	8/14/2022
NIOBRARA, Original Hole		4	11 092.0	11 093.0	8/14/2022
NIOBRARA, Original Hole		4	11 122.0	11 123.0	8/14/2022
NIOBRARA, Original Hole		4	11 152.0	11 153.0	8/13/2022
NIOBRARA, Original Hole		4	11 182.0	11 183.0	8/13/2022
NIOBRARA, Original Hole		4	11 213.0	11 214.0	8/13/2022
NIOBRARA, Original Hole		4	11 243.0	11 244.0	8/13/2022
NIOBRARA, Original Hole		4	11 270.0	11 271.0	8/13/2022
NIOBRARA, Original Hole		4	11 303.0	11 304.0	8/13/2022
NIOBRARA, Original Hole		4	11 333.0	11 334.0	8/13/2022
NIOBRARA, Original Hole		4	11 363.0	11 364.0	8/13/2022
NIOBRARA, Original Hole		4	11 393.0	11 394.0	8/13/2022
NIOBRARA, Original Hole		4	11 423.0	11 424.0	8/13/2022
NIOBRARA, Original Hole		4	11 453.0	11 454.0	8/13/2022
NIOBRARA, Original Hole		4	11 483.0	11 484.0	8/13/2022
NIOBRARA, Original Hole		4	11 513.0	11 514.0	8/13/2022
NIOBRARA, Original Hole		4	11 540.0	11 541.0	8/13/2022
NIOBRARA, Original Hole		4	11 574.0	11 575.0	8/13/2022
NIOBRARA, Original Hole		4	11 604.0	11 605.0	8/13/2022
NIOBRARA, Original Hole		4	11 634.0	11 635.0	8/13/2022
NIOBRARA, Original Hole		4	11 664.0	11 665.0	8/13/2022
NIOBRARA, Original Hole		4	11 694.0	11 695.0	8/13/2022
NIOBRARA, Original Hole		4	11 724.0	11 725.0	8/13/2022
NIOBRARA, Original Hole		4	11 752.0	11 753.0	8/13/2022
NIOBRARA, Original Hole		4	11 784.0	11 785.0	8/12/2022
NIOBRARA, Original Hole		4	11 814.0	11 815.0	8/12/2022
NIOBRARA, Original Hole		4	11 845.0	11 846.0	8/12/2022
NIOBRARA, Original Hole		4	11 874.0	11 875.0	8/12/2022
NIOBRARA, Original Hole		4	11 905.0	11 906.0	8/12/2022
NIOBRARA, Original Hole		4	11 935.0	11 936.0	8/12/2022
NIOBRARA, Original Hole		4	11 965.0	11 966.0	8/12/2022
NIOBRARA, Original Hole		4	11 995.0	11 996.0	8/12/2022
NIOBRARA, Original Hole		4	12 025.0	12 026.0	8/12/2022
NIOBRARA, Original Hole		4	12 056.0	12 057.0	8/12/2022


Land, Original Hole, 9/29/2022 11:08:15 AM			Perforation Data					
MD (ftKB)	TVD (ftKB)	Vertical schematic (actual)	Linked Zone	Explosive Type	Sum of Entered Shot Total	Top (ftKB)	Btm (ftKB)	Date
6.470.1	6.448.9		NIOBRARA, Original Hole		4	12 115.0	12 116.0	8/12/2022
7.452.1	6.756.0	SAND FRAC, 7361-7543, 8/19/2022	NIOBRARA, Original Hole		4	12 145.0	12 146.0	8/12/2022
7.632.9	6.755.9	PROPPANT FRAC, 7572-7754, 8/18/2022	NIOBRARA, Original Hole		4	12 174.0	12 175.0	8/12/2022
7.842.8	6.755.8	PROPPANT FRAC, 7784-7964, 8/18/2022	NIOBRARA, Original Hole		4	12 205.0	12 206.0	8/12/2022
8.023.0	6.753.0	PROPPANT FRAC, 7993-8175, 8/18/2022	NIOBRARA, Original Hole		4	12 235.0	12 236.0	8/12/2022
8.207.0	6.754.9	SAND FRAC, 8204-8384, 8/18/2022	NIOBRARA, Original Hole		4	12 268.0	12 269.0	8/12/2022
8.384.8	6.755.4	PROPPANT FRAC, 8414-8596, 8/17/2022	NIOBRARA, Original Hole		4	12 286.0	12 287.0	8/12/2022
8.595.1	6.755.9	PROPPANT FRAC, 8625-8807, 8/17/2022	NIOBRARA, Original Hole		4	12 294.0	12 295.0	8/12/2022
8.776.9	6.756.8	PROPPANT FRAC, 8836-9016, 8/17/2022	NIOBRARA, Original Hole		4	12 326.0	12 327.0	8/12/2022
8.985.9	6.766.5	SAND FRAC, 9046-9223, 8/16/2022	NIOBRARA, Original Hole		4	12 356.0	12 357.0	8/12/2022
9.167.0	6.766.4	SAND FRAC, 9257-9436, 8/16/2022	NIOBRARA, Original Hole		4	12 416.0	12 417.0	8/12/2022
9.348.1	6.766.6	SAND FRAC, 9467-9648, 8/16/2022	NIOBRARA, Original Hole		4	12 446.0	12 447.0	8/12/2022
9.558.1	6.765.9	SAND FRAC, 9678-9860, 8/16/2022	NIOBRARA, Original Hole		4	12 474.0	12 475.0	8/12/2022
9.743.1	6.754.6	SAND FRAC, 9889-10070, 8/15/2022	NIOBRARA, Original Hole		4	12 506.0	12 507.0	8/12/2022
9.948.2	6.753.0	SAND FRAC, 10099-10281, 8/15/2022	NIOBRARA, Original Hole		4	12 536.0	12 537.0	8/12/2022
10.126.9	6.752.7	SAND FRAC, 10310-10492, 8/15/2022	NIOBRARA, Original Hole		4	12 568.0	12 569.0	8/12/2022
10.298.9	6.752.7	SAND FRAC, 10521-10702, 8/14/2022	NIOBRARA, Original Hole		4	12 597.0	12 598.0	8/12/2022
10.522.0	6.753.4	SAND FRAC, 10731-10913, 8/14/2022	NIOBRARA, Original Hole		4	12 627.0	12 628.0	8/11/2022
10.701.1	6.754.0	SAND FRAC, 10942-11123, 8/14/2022	NIOBRARA, Original Hole		4	12 657.0	12 658.0	8/11/2022
10.882.9	6.754.2	SAND FRAC, 11152-11334, 8/13/2022	NIOBRARA, Original Hole		4	12 686.0	12 687.0	8/11/2022
11.091.8	6.753.6	SAND FRAC, 11363-11541, 8/13/2022	NIOBRARA, Original Hole		4	12 717.0	12 718.0	8/11/2022
11.271.0	6.753.0	SAND FRAC, 11574-11753, 8/13/2022	NIOBRARA, Original Hole		4	12 747.0	12 748.0	8/11/2022
11.482.9	6.753.3	SAND FRAC, 11363-11541, 8/13/2022	NIOBRARA, Original Hole		4	12 778.0	12 779.0	8/11/2022
11.665.0	6.754.4	SAND FRAC, 11574-11753, 8/13/2022	NIOBRARA, Original Hole		4	12 808.0	12 809.0	8/11/2022
11.874.0	6.752.6	SAND FRAC, 11784-11966, 8/12/2022	NIOBRARA, Original Hole		4	12 837.0	12 838.0	8/11/2022
12.057.1	6.751.0	SAND FRAC, 11995-12175, 8/12/2022	NIOBRARA, Original Hole		4	12 867.0	12 868.0	8/11/2022
12.288.0	6.749.6	SAND FRAC, 12205-12387, 8/12/2022	NIOBRARA, Original Hole		4	12 897.0	12 898.0	8/11/2022
12.445.9	6.747.7	SAND FRAC, 12416-12598, 8/12/2022	NIOBRARA, Original Hole		4	12 927.0	12 928.0	8/11/2022
12.626.0	6.747.0	SAND FRAC, 12627-12808, 8/11/2022	NIOBRARA, Original Hole		4	12 958.0	12 959.0	8/11/2022
12.836.9	6.747.4	SAND FRAC, 12837-13019, 8/11/2022	NIOBRARA, Original Hole		4	12 988.0	12 989.0	8/11/2022
13.019.0	6.745.8	SAND FRAC, 12837-13019, 8/11/2022	NIOBRARA, Original Hole		4	13 018.0	13 019.0	8/11/2022
13.228.0	6.745.8	SAND FRAC, 13046-13228, 8/11/2022	NIOBRARA, Original Hole		4	13 048.0	13 049.0	8/11/2022
13.410.1	6.746.8	SAND FRAC, 13258-13440, 8/11/2022	NIOBRARA, Original Hole		4	13 078.0	13 079.0	8/11/2022
13.619.1	6.749.1	SAND FRAC, 13469-13651, 8/10/2022	NIOBRARA, Original Hole		4	13 108.0	13 109.0	8/11/2022
13.800.9	6.747.0	SAND FRAC, 13680-13861, 8/10/2022	NIOBRARA, Original Hole		4	13 138.0	13 139.0	8/11/2022
13.980.0	6.745.1	SAND FRAC, 13890-14072, 8/10/2022	NIOBRARA, Original Hole		4	13 168.0	13 169.0	8/11/2022
14.162.1	6.743.1	SAND FRAC, 14101-14282, 8/10/2022	NIOBRARA, Original Hole		4	13 198.0	13 199.0	8/11/2022
14.368.1	6.741.4	SAND FRAC, 14311-14493, 8/9/2022	NIOBRARA, Original Hole		4	13 228.0	13 229.0	8/11/2022
14.548.9	6.740.8	SAND FRAC, 14522-14704, 8/9/2022	NIOBRARA, Original Hole		4	13 258.0	13 259.0	8/11/2022
14.763.1	6.741.3	SAND FRAC, 14733-14910, 8/9/2022	NIOBRARA, Original Hole		4	13 288.0	13 289.0	8/11/2022
14.943.0	6.741.2	SAND FRAC, 14943-15125, 8/8/2022	NIOBRARA, Original Hole		4	13 319.0	13 320.0	8/11/2022
15.153.9	6.741.8	SAND FRAC, 15154-15335, 8/8/2022	NIOBRARA, Original Hole		4	13 349.0	13 350.0	8/11/2022
15.335.0	6.740.6	SAND FRAC, 15364-15546, 8/7/2022	NIOBRARA, Original Hole		4	13 382.0	13 383.0	8/11/2022
15.544.9	6.738.1	SAND FRAC, 15575-15757, 8/7/2022	NIOBRARA, Original Hole		4	13 409.0	13 410.0	8/11/2022
15.726.0	6.737.2	SAND FRAC, 15786-15967, 8/7/2022	NIOBRARA, Original Hole		4	13 439.0	13 440.0	8/11/2022
15.936.0	6.736.9	SAND FRAC, 15996-16178, 8/6/2022	NIOBRARA, Original Hole		4	13 469.0	13 470.0	8/10/2022
16.118.1	6.736.2	SAND FRAC, 16207-16388, 8/6/2022	NIOBRARA, Original Hole		4	13 499.0	13 500.0	8/10/2022
16.327.1	6.735.0	SAND FRAC, 16417-16599, 8/6/2022	NIOBRARA, Original Hole		4	13 529.0	13 530.0	8/10/2022
16.508.9	6.734.4	SAND FRAC, 16626-16810, 8/5/2022	NIOBRARA, Original Hole		4	13 559.0	13 560.0	8/10/2022
16.717.8	6.734.1	SAND FRAC, 16839-17020, 8/5/2022	NIOBRARA, Original Hole		4	13 589.0	13 590.0	8/10/2022
16.899.9	6.733.9	SAND FRAC, 17049-17170, 8/5/2022	NIOBRARA, Original Hole		4	13 619.0	13 620.0	8/10/2022
17.108.9	6.734.1	SAND FRAC, 17049-17170, 8/5/2022	NIOBRARA, Original Hole		4	13 650.0	13 651.0	8/10/2022
17.303.8	6.734.6	SAND FRAC, 17049-17170, 8/5/2022	NIOBRARA, Original Hole		4	13 680.0	13 681.0	8/10/2022
			NIOBRARA, Original Hole		4	13 710.0	13 711.0	8/10/2022
			NIOBRARA, Original Hole		4	13 740.0	13 741.0	8/10/2022

Land, Original Hole, 9/29/2022 11:08:15 AM			Perforation Data					
MD (ftKB)	TVD (ftKB)	Vertical schematic (actual)	Linked Zone	Explosive Type	Sum of Entered Shot Total	Top (ftKB)	Btm (ftKB)	Date
6,470.1	6,448.9		SAND FRAC, 7361-7543, 8/19/2022	NIOBRARA, Original Hole	4	13 800.0	13 801.0	8/10/2022
7,452.1	6,756.0		PROPPANT FRAC, 7572-7754, 8/18/2022	NIOBRARA, Original Hole	4	13 830.0	13 831.0	8/10/2022
7,632.9	6,755.9		PROPPANT FRAC, 7784-7964, 8/18/2022	NIOBRARA, Original Hole	4	13 860.0	13 861.0	8/10/2022
7,842.8	6,755.8		PROPPANT FRAC, 7993-8175, 8/18/2022	NIOBRARA, Original Hole	4	13 890.0	13 891.0	8/10/2022
8,023.0	6,755.3		SAND FRAC, 8204-8384, 8/18/2022	NIOBRARA, Original Hole	4	13 920.0	13 921.0	8/10/2022
8,207.0	6,754.9		PROPPANT FRAC, 8414-8596, 8/17/2022	NIOBRARA, Original Hole	4	13 950.0	13 951.0	8/10/2022
8,384.8	6,755.4		PROPPANT FRAC, 8625-8807, 8/17/2022	NIOBRARA, Original Hole	4	13 980.0	13 981.0	8/10/2022
8,565.1	6,755.9		PROPPANT FRAC, 8836-9016, 8/17/2022	NIOBRARA, Original Hole	4	14 011.0	14 012.0	8/10/2022
8,746.3	6,756.8		SAND FRAC, 9046-9223, 8/16/2022	NIOBRARA, Original Hole	4	14 041.0	14 042.0	8/10/2022
8,925.9	6,756.5		SAND FRAC, 9257-9436, 8/16/2022	NIOBRARA, Original Hole	4	14 071.0	14 072.0	8/10/2022
9,107.0	6,756.4		SAND FRAC, 9467-9648, 8/16/2022	NIOBRARA, Original Hole	4	14 101.0	14 102.0	8/9/2022
9,281.1	6,754.6		SAND FRAC, 9678-9860, 8/16/2022	NIOBRARA, Original Hole	4	14 130.0	14 131.0	8/9/2022
9,462.2	6,753.0		SAND FRAC, 9889-10070, 8/15/2022	NIOBRARA, Original Hole	4	14 161.0	14 162.0	8/9/2022
10,126.9	6,752.7		SAND FRAC, 10099-10281, 8/15/2022	NIOBRARA, Original Hole	4	14 191.0	14 192.0	8/9/2022
10,338.9	6,752.7		SAND FRAC, 10310-10492, 8/15/2022	NIOBRARA, Original Hole	4	14 222.0	14 223.0	8/9/2022
10,522.0	6,753.4		SAND FRAC, 10521-10702, 8/14/2022	NIOBRARA, Original Hole	4	14 251.0	14 252.0	8/9/2022
10,701.1	6,754.0		SAND FRAC, 10731-10913, 8/14/2022	NIOBRARA, Original Hole	4	14 281.0	14 282.0	8/9/2022
10,882.9	6,754.2		SAND FRAC, 10942-11123, 8/14/2022	NIOBRARA, Original Hole	4	14 311.0	14 312.0	8/9/2022
11,091.8	6,753.6		SAND FRAC, 11152-11334, 8/13/2022	NIOBRARA, Original Hole	4	14 341.0	14 342.0	8/9/2022
11,271.0	6,753.0		SAND FRAC, 11363-11541, 8/13/2022	NIOBRARA, Original Hole	4	14 368.0	14 369.0	8/9/2022
11,482.9	6,753.9		SAND FRAC, 11574-11753, 8/13/2022	NIOBRARA, Original Hole	4	14 402.0	14 403.0	8/9/2022
11,665.0	6,754.4		SAND FRAC, 11784-11966, 8/12/2022	NIOBRARA, Original Hole	4	14 432.0	14 433.0	8/9/2022
11,874.0	6,752.6		SAND FRAC, 11995-12175, 8/12/2022	NIOBRARA, Original Hole	4	14 462.0	14 463.0	8/9/2022
12,097.1	6,751.0		SAND FRAC, 12205-12387, 8/12/2022	NIOBRARA, Original Hole	4	14 492.0	14 493.0	8/9/2022
12,288.0	6,749.6		SAND FRAC, 12416-12598, 8/12/2022	NIOBRARA, Original Hole	4	14 522.0	14 523.0	8/9/2022
12,449.9	6,747.7		SAND FRAC, 12627-12808, 8/11/2022	NIOBRARA, Original Hole	4	14 548.0	14 549.0	8/9/2022
12,626.0	6,747.0		SAND FRAC, 12837-13019, 8/11/2022	NIOBRARA, Original Hole	4	14 582.0	14 583.0	8/9/2022
12,836.9	6,747.4		SAND FRAC, 13045-13228, 8/11/2022	NIOBRARA, Original Hole	4	14 608.0	14 609.0	8/9/2022
13,019.0	6,745.8		SAND FRAC, 13258-13440, 8/11/2022	NIOBRARA, Original Hole	4	14 642.0	14 643.0	8/9/2022
13,228.0	6,745.8		SAND FRAC, 13469-13651, 8/10/2022	NIOBRARA, Original Hole	4	14 672.0	14 673.0	8/9/2022
13,410.1	6,746.8		SAND FRAC, 13680-13861, 8/10/2022	NIOBRARA, Original Hole	4	14 703.0	14 704.0	8/9/2022
13,619.1	6,749.1		SAND FRAC, 13890-14072, 8/10/2022	NIOBRARA, Original Hole	4	14 733.0	14 734.0	8/8/2022
13,800.8	6,747.0		SAND FRAC, 14101-14282, 8/10/2022	NIOBRARA, Original Hole	4	14 763.0	14 764.0	8/8/2022
13,980.0	6,745.1		SAND FRAC, 14311-14493, 8/9/2022	NIOBRARA, Original Hole	4	14 793.0	14 794.0	8/8/2022
14,162.1	6,743.1		SAND FRAC, 14522-14704, 8/9/2022	NIOBRARA, Original Hole	4	14 823.0	14 824.0	8/8/2022
14,368.1	6,741.4		SAND FRAC, 14733-14910, 8/8/2022	NIOBRARA, Original Hole	4	14 853.0	14 854.0	8/8/2022
14,548.9	6,740.8		SAND FRAC, 14943-15125, 8/8/2022	NIOBRARA, Original Hole	4	14 883.0	14 884.0	8/8/2022
14,763.1	6,741.3		SAND FRAC, 15154-15335, 8/8/2022	NIOBRARA, Original Hole	4	14 909.0	14 910.0	8/8/2022
14,943.0	6,741.2		SAND FRAC, 15364-15546, 8/7/2022	NIOBRARA, Original Hole	4	14 943.0	14 944.0	8/8/2022
15,153.9	6,741.8		SAND FRAC, 15575-15757, 8/7/2022	NIOBRARA, Original Hole	4	14 973.0	14 974.0	8/8/2022
15,335.0	6,740.6		SAND FRAC, 15786-15967, 8/7/2022	NIOBRARA, Original Hole	4	15 004.0	15 005.0	8/8/2022
15,544.9	6,738.1		SAND FRAC, 15996-16178, 8/6/2022	NIOBRARA, Original Hole	4	15 033.0	15 034.0	8/8/2022
15,726.0	6,737.2		SAND FRAC, 16207-16388, 8/6/2022	NIOBRARA, Original Hole	4	15 064.0	15 065.0	8/8/2022
15,936.0	6,736.9		SAND FRAC, 16417-16599, 8/6/2022	NIOBRARA, Original Hole	4	15 094.0	15 095.0	8/8/2022
16,118.1	6,736.2		SAND FRAC, 16626-16810, 8/5/2022	NIOBRARA, Original Hole	4	15 124.0	15 125.0	8/8/2022
16,327.1	6,735.0		SAND FRAC, 16839-17020, 8/5/2022	NIOBRARA, Original Hole	4	15 154.0	15 155.0	8/8/2022
16,508.9	6,734.4		SAND FRAC, 17049-17170, 8/5/2022	NIOBRARA, Original Hole	4	15 184.0	15 185.0	8/8/2022
16,717.8	6,734.1			NIOBRARA, Original Hole	4	15 210.0	15 211.0	8/8/2022
16,899.1	6,733.9			NIOBRARA, Original Hole	4	15 244.0	15 245.0	8/8/2022
17,108.9	6,734.1			NIOBRARA, Original Hole	4	15 274.0	15 275.0	8/8/2022
17,303.8	6,734.6			NIOBRARA, Original Hole	4	15 304.0	15 305.0	8/8/2022
			NIOBRARA, Original Hole	4	15 334.0	15 335.0	8/8/2022	
			NIOBRARA, Original Hole	4	15 364.0	15 365.0	8/7/2022	
			NIOBRARA, Original Hole	4	15 394.0	15 395.0	8/7/2022	
			NIOBRARA, Original Hole	4	15 422.0	15 423.0	8/7/2022	

Land, Original Hole, 9/29/2022 11:08:15 AM			Perforation Data					
MD (ftKB)	TVD (ftKB)	Vertical schematic (actual)	Linked Zone	Explosive Type	Sum of Entered Shot Total	Top (ftKB)	Btm (ftKB)	Date
6.470.1	6.448.9		SAND FRAC, 7361-7543, 8/19/2022	NIOBRARA, Original Hole	4	15 485.0	15 486.0	8/7/2022
7.452.1	6.756.0		PROPPANT FRAC, 7572-7754, 8/18/2022	NIOBRARA, Original Hole	4	15 517.0	15 518.0	8/7/2022
7.632.0	6.755.9		PROPPANT FRAC, 7784-7964, 8/18/2022	NIOBRARA, Original Hole	4	15 545.0	15 546.0	8/7/2022
7.842.0	6.755.8		PROPPANT FRAC, 7993-8175, 8/18/2022	NIOBRARA, Original Hole	4	15 575.0	15 576.0	8/7/2022
8.023.0	6.755.3		SAND FRAC, 8204-8384, 8/18/2022	NIOBRARA, Original Hole	4	15 605.0	15 606.0	8/7/2022
8.207.0	6.754.9		PROPPANT FRAC, 8414-8596, 8/17/2022	NIOBRARA, Original Hole	4	15 635.0	15 636.0	8/7/2022
8.384.0	6.755.4		PROPPANT FRAC, 8625-8807, 8/17/2022	NIOBRARA, Original Hole	4	15 665.0	15 666.0	8/7/2022
8.565.1	6.755.9		PROPPANT FRAC, 8836-9016, 8/17/2022	NIOBRARA, Original Hole	4	15 695.0	15 696.0	8/7/2022
8.746.0	6.756.8		SAND FRAC, 9046-9223, 8/16/2022	NIOBRARA, Original Hole	4	15 725.0	15 726.0	8/7/2022
8.925.0	6.756.5		SAND FRAC, 9257-9436, 8/16/2022	NIOBRARA, Original Hole	4	15 756.0	15 757.0	8/7/2022
9.107.0	6.756.4		SAND FRAC, 9467-9648, 8/16/2022	NIOBRARA, Original Hole	4	15 786.0	15 787.0	8/7/2022
9.281.0	6.754.6		SAND FRAC, 9678-9860, 8/16/2022	NIOBRARA, Original Hole	4	15 816.0	15 817.0	8/7/2022
9.462.0	6.753.0		SAND FRAC, 9889-10070, 8/15/2022	NIOBRARA, Original Hole	4	15 846.0	15 847.0	8/7/2022
10.129.0	6.752.7		SAND FRAC, 10099-10281, 8/15/2022	NIOBRARA, Original Hole	4	15 876.0	15 877.0	8/7/2022
10.338.0	6.752.7		SAND FRAC, 10310-10492, 8/15/2022	NIOBRARA, Original Hole	4	15 906.0	15 907.0	8/7/2022
10.522.0	6.753.4		SAND FRAC, 10521-10702, 8/14/2022	NIOBRARA, Original Hole	4	15 936.0	15 937.0	8/7/2022
10.701.1	6.754.0		SAND FRAC, 10731-10913, 8/14/2022	NIOBRARA, Original Hole	4	15 966.0	15 967.0	8/6/2022
10.882.0	6.754.2		SAND FRAC, 10942-11123, 8/14/2022	NIOBRARA, Original Hole	4	16 028.0	16 029.0	8/6/2022
11.091.0	6.753.6		SAND FRAC, 10942-11123, 8/14/2022	NIOBRARA, Original Hole	4	16 056.0	16 057.0	8/6/2022
11.271.0	6.753.0		SAND FRAC, 11152-11334, 8/13/2022	NIOBRARA, Original Hole	4	16 086.0	16 087.0	8/6/2022
11.462.0	6.753.9		SAND FRAC, 11363-11541, 8/13/2022	NIOBRARA, Original Hole	4	16 117.0	16 118.0	8/6/2022
11.665.0	6.754.4		SAND FRAC, 11574-11753, 8/13/2022	NIOBRARA, Original Hole	4	16 147.0	16 148.0	8/6/2022
11.874.0	6.752.6		SAND FRAC, 11784-11966, 8/12/2022	NIOBRARA, Original Hole	4	16 177.0	16 178.0	8/6/2022
12.097.1	6.751.0		SAND FRAC, 11995-12175, 8/12/2022	NIOBRARA, Original Hole	4	16 207.0	16 208.0	8/6/2022
12.288.0	6.749.6		SAND FRAC, 12205-12387, 8/12/2022	NIOBRARA, Original Hole	4	16 233.0	16 234.0	8/6/2022
12.469.0	6.747.7		SAND FRAC, 12416-12598, 8/12/2022	NIOBRARA, Original Hole	4	16 267.0	16 268.0	8/6/2022
12.658.0	6.747.0		SAND FRAC, 12627-12808, 8/11/2022	NIOBRARA, Original Hole	4	16 297.0	16 298.0	8/6/2022
12.850.0	6.747.4		SAND FRAC, 12837-13019, 8/11/2022	NIOBRARA, Original Hole	4	16 327.0	16 328.0	8/6/2022
13.039.0	6.745.8		SAND FRAC, 13046-13228, 8/11/2022	NIOBRARA, Original Hole	4	16 357.0	16 358.0	8/6/2022
13.228.0	6.745.8		SAND FRAC, 13258-13440, 8/11/2022	NIOBRARA, Original Hole	4	16 387.0	16 388.0	8/6/2022
13.410.1	6.748.8		SAND FRAC, 13258-13440, 8/11/2022	NIOBRARA, Original Hole	4	16 417.0	16 418.0	8/6/2022
13.619.1	6.749.1		SAND FRAC, 13469-13651, 8/10/2022	NIOBRARA, Original Hole	4	16 447.0	16 448.0	8/6/2022
13.809.0	6.747.0		SAND FRAC, 13680-13861, 8/10/2022	NIOBRARA, Original Hole	4	16 478.0	16 479.0	8/6/2022
13.980.0	6.745.1		SAND FRAC, 13890-14072, 8/10/2022	NIOBRARA, Original Hole	4	16 508.0	16 509.0	8/6/2022
14.182.1	6.743.1		SAND FRAC, 14101-14282, 8/10/2022	NIOBRARA, Original Hole	4	16 541.0	16 542.0	8/6/2022
14.388.1	6.741.4		SAND FRAC, 14311-14493, 8/9/2022	NIOBRARA, Original Hole	4	16 568.0	16 569.0	8/6/2022
14.548.0	6.740.8		SAND FRAC, 14522-14704, 8/9/2022	NIOBRARA, Original Hole	4	16 598.0	16 599.0	8/6/2022
14.763.1	6.741.3		SAND FRAC, 14733-14910, 8/8/2022	NIOBRARA, Original Hole	4	16 628.0	16 629.0	8/5/2022
14.943.0	6.741.2		SAND FRAC, 14943-15125, 8/8/2022	NIOBRARA, Original Hole	4	16 658.0	16 659.0	8/5/2022
15.193.0	6.741.8		SAND FRAC, 15154-15335, 8/8/2022	NIOBRARA, Original Hole	4	16 688.0	16 689.0	8/5/2022
15.339.0	6.740.6		SAND FRAC, 15364-15546, 8/7/2022	NIOBRARA, Original Hole	4	16 718.0	16 719.0	8/5/2022
15.544.0	6.738.1		SAND FRAC, 15575-15757, 8/7/2022	NIOBRARA, Original Hole	4	16 745.0	16 746.0	8/5/2022
15.726.0	6.737.2		SAND FRAC, 15786-15967, 8/7/2022	NIOBRARA, Original Hole	4	16 778.0	16 779.0	8/5/2022
15.938.0	6.736.2		SAND FRAC, 15996-16178, 8/6/2022	NIOBRARA, Original Hole	4	16 809.0	16 810.0	8/5/2022
16.181.0	6.736.2		SAND FRAC, 16207-16388, 8/6/2022	NIOBRARA, Original Hole	4	16 839.0	16 840.0	8/5/2022
16.327.1	6.735.0		SAND FRAC, 16417-16599, 8/6/2022	NIOBRARA, Original Hole	4	16 869.0	16 870.0	8/5/2022
16.509.0	6.734.4		SAND FRAC, 16626-16810, 8/5/2022	NIOBRARA, Original Hole	4	16 899.0	16 900.0	8/5/2022
16.689.0	6.734.1		SAND FRAC, 16839-17020, 8/5/2022	NIOBRARA, Original Hole	4	16 931.0	16 932.0	8/5/2022
16.877.0	6.734.1		SAND FRAC, 17049-17170, 8/5/2022	NIOBRARA, Original Hole	4	16 965.0	16 966.0	8/5/2022
16.990.0	6.733.9			NIOBRARA, Original Hole	4	16 999.0	16 999.0	8/5/2022
17.108.0	6.734.1			NIOBRARA, Original Hole	4	17 019.0	17 020.0	8/5/2022
17.301.8	6.734.6			NIOBRARA, Original Hole	4	17 049.0	17 050.0	8/4/2022
				NIOBRARA, Original Hole	4	17 079.0	17 080.0	8/4/2022
				NIOBRARA, Original Hole	4	17 109.0	17 110.0	8/4/2022

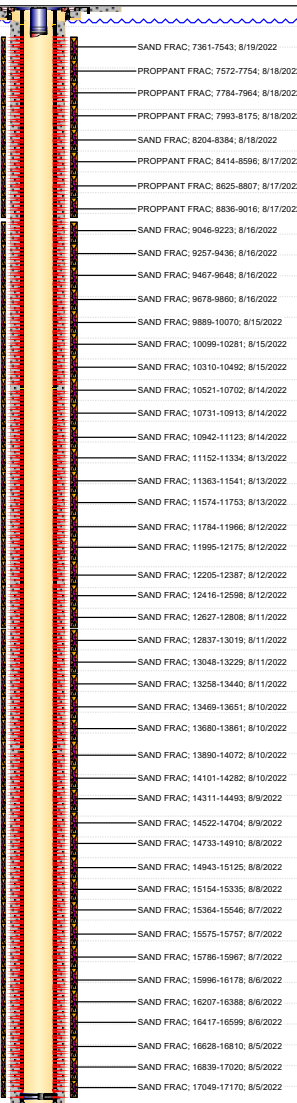
Land, Original Hole, 9/29/2022 11:08:15 AM		
MD (ftKB)	TVD (ftKB)	Vertical schematic (actual)
6.470.1	6.448.9	
7.452.1	6.756.0	
7.523.9	6.759.9	
7.842.8	6.755.8	
8.023.0	6.755.3	
8.207.0	6.754.9	
8.384.3	6.755.4	
8.505.1	6.755.9	
8.776.9	6.756.8	
8.985.9	6.756.5	
9.167.0	6.756.4	
9.348.1	6.756.6	
9.558.1	6.755.9	
9.743.1	6.754.6	
9.948.2	6.753.0	
10.126.9	6.752.7	
10.338.9	6.752.7	
10.522.0	6.753.4	
10.701.1	6.754.0	
10.882.9	6.754.2	
11.091.8	6.753.6	
11.271.8	6.753.0	
11.482.9	6.753.9	
11.665.0	6.754.4	
11.874.0	6.752.6	
12.057.1	6.751.0	
12.288.0	6.749.6	
12.445.9	6.747.7	
12.626.0	6.747.0	
12.836.9	6.747.4	
13.019.0	6.745.8	
13.228.0	6.745.8	
13.410.1	6.748.8	
13.619.1	6.749.1	
13.800.9	6.747.0	
13.980.0	6.745.1	
14.162.1	6.743.1	
14.368.1	6.741.4	
14.548.9	6.740.8	
14.763.1	6.741.3	
14.943.9	6.741.2	
15.153.9	6.741.8	
15.335.0	6.740.6	
15.544.9	6.738.1	
15.726.0	6.737.2	
15.936.0	6.736.9	
16.118.1	6.736.2	
16.327.1	6.735.0	
16.508.9	6.734.4	
16.717.8	6.734.1	
16.899.3	6.733.9	
17.108.9	6.734.1	
17.303.8	6.734.6	
		SAND FRAC: 7361-7543, 8/19/2022
		PROPPANT FRAC: 7572-7754, 8/18/2022
		PROPPANT FRAC: 7784-7964, 8/18/2022
		PROPPANT FRAC: 7993-8175, 8/18/2022
		SAND FRAC: 8204-8384, 8/18/2022
		PROPPANT FRAC: 8414-8596, 8/17/2022
		PROPPANT FRAC: 8625-8807, 8/17/2022
		PROPPANT FRAC: 8836-9016, 8/17/2022
		SAND FRAC: 9046-9223, 8/16/2022
		SAND FRAC: 9257-9436, 8/16/2022
		SAND FRAC: 9467-9648, 8/16/2022
		SAND FRAC: 9678-9860, 8/16/2022
		SAND FRAC: 9889-10070, 8/15/2022
		SAND FRAC: 10099-10281, 8/15/2022
		SAND FRAC: 10310-10492, 8/15/2022
		SAND FRAC: 10521-10702, 8/14/2022
		SAND FRAC: 10731-10913, 8/14/2022
		SAND FRAC: 10942-11123, 8/14/2022
		SAND FRAC: 11152-11334, 8/13/2022
		SAND FRAC: 11363-11541, 8/13/2022
		SAND FRAC: 11574-11753, 8/13/2022
		SAND FRAC: 11784-11966, 8/12/2022
		SAND FRAC: 11995-12175, 8/12/2022
		SAND FRAC: 12205-12387, 8/12/2022
		SAND FRAC: 12416-12598, 8/12/2022
		SAND FRAC: 12627-12808, 8/11/2022
		SAND FRAC: 12837-13019, 8/11/2022
		SAND FRAC: 13046-13229, 8/11/2022
		SAND FRAC: 13258-13440, 8/11/2022
		SAND FRAC: 13469-13651, 8/10/2022
		SAND FRAC: 13680-13861, 8/10/2022
		SAND FRAC: 13890-14072, 8/10/2022
		SAND FRAC: 14101-14282, 8/10/2022
		SAND FRAC: 14311-14493, 8/9/2022
		SAND FRAC: 14522-14704, 8/9/2022
		SAND FRAC: 14733-14910, 8/8/2022
		SAND FRAC: 14943-15125, 8/8/2022
		SAND FRAC: 15154-15335, 8/8/2022
		SAND FRAC: 15364-15546, 8/7/2022
		SAND FRAC: 15575-15757, 8/7/2022
		SAND FRAC: 15786-15967, 8/7/2022
		SAND FRAC: 15996-16178, 8/8/2022
		SAND FRAC: 16207-16388, 8/6/2022
		SAND FRAC: 16417-16599, 8/6/2022
		SAND FRAC: 16626-16810, 8/5/2022
		SAND FRAC: 16839-17020, 8/5/2022
		SAND FRAC: 17049-17170, 8/5/2022

Perforation Data					
Linked Zone	Explosive Type	Sum of Entered Shot Total	Top (ftKB)	Btm (ftKB)	Date
NIOBRARA, Original Hole		0	17 172.0	17 179.0	7/6/2022
Total (Sum)		1.304			
Stimulation Intervals					
Interval	Start Date	Primary Job Type	Zone		
1	8/5/2022	Complete	NIOBRARA, Original Hole		
Technical Result Success - Pumped as Planned		Tech Result Details Pumped as designed		Tech Result Note	
Comment FRAC NOTES ATTACHED					
Interval	Start Date	Primary Job Type	Zone		
2	8/5/2022	Complete	NIOBRARA, Original Hole		
Technical Result Success - Pumped as Planned		Tech Result Details Pumped as designed		Tech Result Note	
Comment FRAC NOTES ATTACHED					
Interval	Start Date	Primary Job Type	Zone		
3	8/5/2022	Complete	NIOBRARA, Original Hole		
Technical Result Success - Pumped as Planned		Tech Result Details Pumped as designed		Tech Result Note	
Comment FRAC NOTES ATTACHED					
Interval	Start Date	Primary Job Type	Zone		
4	8/6/2022	Complete	NIOBRARA, Original Hole		
Technical Result Success - Pumped as Planned		Tech Result Details Pumped as designed		Tech Result Note	
Comment FRAC NOTES ATTACHED					
Interval	Start Date	Primary Job Type	Zone		
5	8/6/2022	Complete	NIOBRARA, Original Hole		
Technical Result Success - Pumped as Planned		Tech Result Details Pumped as designed		Tech Result Note	
Comment FRAC NOTES ATTACHED					

Land, Original Hole, 9/29/2022 11:08:16 AM			Stimulation Intervals			
MD (ftKB)	TVD (ftKB)	Vertical schematic (actual)	Interval	Start Date	Primary Job Type	Zone
6.470.1	6.448.9		10	8/8/2022	Complete	NIOBARRA, Original Hole
7.452.1	6.756.0		Technical Result	Success - Pumped as Planned	Tech Result Details Pumped as designed	Tech Result Note
7.832.0	6.755.9		Comment			
7.842.3	6.755.8		FRAC NOTES ATTACHED			
8.023.0	6.755.3		Interval	Start Date	Primary Job Type	Zone
8.207.0	6.754.9		11	8/8/2022	Complete	NIOBARRA, Original Hole
8.384.3	6.755.4		Technical Result	Success - Pumped as Planned	Tech Result Details Pumped as designed	Tech Result Note
8.505.1	6.755.9		Comment			
8.776.0	6.755.8		FRAC NOTES ATTACHED			
8.955.0	6.755.5		Interval	Start Date	Primary Job Type	Zone
9.167.0	6.756.4		12	8/8/2022	Complete	NIOBARRA, Original Hole
9.348.1	6.756.6		Technical Result	Success - Pumped as Planned	Tech Result Details Pumped as designed	Tech Result Note
9.558.1	6.755.9		Comment			
9.743.1	6.754.6		FRAC NOTES ATTACHED			
9.942.2	6.753.0		Interval	Start Date	Primary Job Type	Zone
10.126.0	6.752.7		13	8/9/2022	Complete	NIOBARRA, Original Hole
10.338.9	6.752.7		Technical Result	Success - Pumped as Planned	Tech Result Details Pumped as designed	Tech Result Note
10.522.0	6.753.4		Comment			
10.701.1	6.754.0		FRAC NOTES ATTACHED			
10.882.9	6.754.2		Interval	Start Date	Primary Job Type	Zone
11.091.9	6.753.6		14	8/9/2022	Complete	NIOBARRA, Original Hole
11.271.0	6.753.0		Technical Result	Success - Pumped as Planned	Tech Result Details Pumped as designed	Tech Result Note
11.482.9	6.753.9		Comment			
11.665.0	6.754.4		FRAC NOTES ATTACHED			
11.874.0	6.752.6		Interval	Start Date	Primary Job Type	Zone
12.057.1	6.751.0		15	8/10/2022	Complete	NIOBARRA, Original Hole
12.288.0	6.749.6		Technical Result	Success - Pumped as Planned	Tech Result Details Pumped as designed	Tech Result Note
12.445.0	6.747.7		Comment			
12.626.0	6.747.0		FRAC NOTES ATTACHED			
12.836.9	6.747.4		Interval	Start Date	Primary Job Type	Zone
13.019.0	6.745.8		16	8/10/2022	Complete	NIOBARRA, Original Hole
13.228.0	6.745.8		Technical Result	Success - Pumped as Planned	Tech Result Details Pumped as designed	Tech Result Note
13.410.1	6.748.8		Comment			
13.619.1	6.749.1		FRAC NOTES ATTACHED			
13.800.9	6.747.0		Interval	Start Date	Primary Job Type	Zone
13.980.0	6.745.1		17	8/10/2022	Complete	NIOBARRA, Original Hole
14.162.1	6.743.1		Technical Result	Success - Pumped as Planned	Tech Result Details Pumped as designed	Tech Result Note
14.368.1	6.741.4		Comment			
14.548.0	6.740.8		FRAC NOTES ATTACHED			
14.763.1	6.741.3		Interval	Start Date	Primary Job Type	Zone
14.943.0	6.741.2		18	8/10/2022	Complete	NIOBARRA, Original Hole
15.153.9	6.741.8		Technical Result	Success - Pumped as Planned	Tech Result Details Pumped as designed	Tech Result Note
15.335.0	6.740.6		Comment			
15.544.9	6.738.1		FRAC NOTES ATTACHED			
15.726.0	6.737.2		Interval	Start Date	Primary Job Type	Zone
15.936.0	6.736.9		19	8/10/2022	Complete	NIOBARRA, Original Hole
16.118.1	6.736.2		Technical Result	Success - Pumped as Planned	Tech Result Details Pumped as designed	Tech Result Note
16.327.1	6.735.0		Comment			
16.508.9	6.734.4		FRAC NOTES ATTACHED			
16.717.8	6.734.1					
16.899.0	6.733.9					
17.108.9	6.734.1					
17.303.8	6.734.6					

Land, Original Hole, 9/29/2022 11:08:16 AM				Stimulation Intervals				
MD (ftKB)	TVD (ftKB)	Vertical schematic (actual)		Interval	Start Date	Primary Job Type	Zone	
6.470.1	6.448.9			20	8/11/2022	Complete	NIOBRARA, Original Hole	
7.452.1	6.756.0			Technical Result		Tech Result Details		Tech Result Note
7.632.9	6.755.9			Success - Pumped as Planned		Pumped as designed		
7.842.8	6.755.8							
8.033.0	6.755.3			PROPPANT FRAC: 7361-7543, 8/19/2022				
8.207.0	6.754.9			PROPPANT FRAC: 7572-7754, 8/18/2022				
8.364.8	6.755.4			PROPPANT FRAC: 7784-7964, 8/18/2022				
8.595.1	6.755.9			PROPPANT FRAC: 7993-8175, 8/18/2022				
8.776.9	6.756.8			PROPPANT FRAC: 8204-8384, 8/18/2022				
8.985.9	6.756.5			PROPPANT FRAC: 8414-8596, 8/17/2022				
9.167.0	6.756.4			PROPPANT FRAC: 8625-8807, 8/17/2022				
9.348.1	6.756.6			PROPPANT FRAC: 8836-9016, 8/17/2022				
9.558.1	6.755.9			SAND FRAC: 9046-9223, 8/16/2022				
9.743.1	6.754.6			SAND FRAC: 9257-9436, 8/16/2022				
9.942.2	6.753.0			SAND FRAC: 9467-9648, 8/16/2022				
10.126.9	6.752.7			SAND FRAC: 9678-9860, 8/16/2022				
10.338.9	6.752.7			SAND FRAC: 9888-10070, 8/15/2022				
10.522.0	6.753.4			SAND FRAC: 10099-10281, 8/15/2022				
10.701.1	6.754.0			SAND FRAC: 10310-10492, 8/15/2022				
10.882.9	6.754.2			SAND FRAC: 10521-10702, 8/14/2022				
11.091.9	6.753.6			SAND FRAC: 10731-10913, 8/14/2022				
11.271.0	6.753.0			SAND FRAC: 10942-11123, 8/14/2022				
11.482.9	6.753.9			SAND FRAC: 11152-11334, 8/13/2022				
11.665.0	6.754.4			SAND FRAC: 11363-11541, 8/13/2022				
11.874.0	6.752.6			SAND FRAC: 11574-11753, 8/13/2022				
12.057.1	6.751.0			SAND FRAC: 11784-11966, 8/12/2022				
12.288.0	6.749.6			SAND FRAC: 11995-12175, 8/12/2022				
12.445.9	6.747.7			SAND FRAC: 12205-12387, 8/12/2022				
12.628.0	6.747.0			SAND FRAC: 12416-12598, 8/12/2022				
12.836.9	6.747.4			SAND FRAC: 12627-12808, 8/11/2022				
13.019.0	6.745.8			SAND FRAC: 12837-13019, 8/11/2022				
13.228.0	6.745.8			SAND FRAC: 13046-13229, 8/11/2022				
13.410.1	6.748.8			SAND FRAC: 13258-13440, 8/11/2022				
13.619.1	6.749.1			SAND FRAC: 13469-13651, 8/10/2022				
13.800.9	6.747.0			SAND FRAC: 13680-13861, 8/10/2022				
13.980.0	6.745.1			SAND FRAC: 13890-14072, 8/10/2022				
14.162.1	6.743.1			SAND FRAC: 14101-14282, 8/10/2022				
14.368.1	6.741.4			SAND FRAC: 14311-14493, 8/9/2022				
14.548.9	6.740.8			SAND FRAC: 14522-14704, 8/9/2022				
14.763.1	6.741.3			SAND FRAC: 14733-14910, 8/8/2022				
14.943.9	6.741.2			SAND FRAC: 14943-15125, 8/8/2022				
15.153.9	6.741.8			SAND FRAC: 15154-15335, 8/8/2022				
15.335.0	6.740.6			SAND FRAC: 15364-15546, 8/7/2022				
15.544.9	6.738.1			SAND FRAC: 15575-15757, 8/7/2022				
15.726.0	6.737.2			SAND FRAC: 15786-15967, 8/7/2022				
15.936.0	6.736.9			SAND FRAC: 15996-16178, 8/6/2022				
16.118.1	6.736.2			SAND FRAC: 16207-16388, 8/6/2022				
16.327.1	6.735.0			SAND FRAC: 16417-16599, 8/6/2022				
16.508.9	6.734.4			SAND FRAC: 16626-16810, 8/5/2022				
16.717.8	6.734.1			SAND FRAC: 16839-17020, 8/5/2022				
16.899.9	6.733.9			SAND FRAC: 17049-17170, 8/5/2022				
17.108.9	6.734.1							
17.303.8	6.734.6							
				Interval	Start Date	Primary Job Type	Zone	
				21	8/11/2022	Complete	NIOBRARA, Original Hole	
				Technical Result		Tech Result Details	Tech Result Note	
				Success - Pumped as Planned		Pumped as designed		
				Comment				
				FRAC NOTES ATTACHED				
				Interval	Start Date	Primary Job Type	Zone	
				22	8/11/2022	Complete	NIOBRARA, Original Hole	
				Technical Result		Tech Result Details	Tech Result Note	
				Success - Pumped as Planned		Pumped as designed		
				Comment				
				FRAC NOTES ATTACHED				
				Interval	Start Date	Primary Job Type	Zone	
				23	8/12/2022	Complete	NIOBRARA, Original Hole	
				Technical Result		Tech Result Details	Tech Result Note	
				Success - Pumped as Planned		Pumped as designed		
				Comment				
				FRAC NOTES ATTACHED				
				Interval	Start Date	Primary Job Type	Zone	
				24	8/12/2022	Complete	NIOBRARA, Original Hole	
				Technical Result		Tech Result Details	Tech Result Note	
				Success - Pumped as Planned		Pumped as designed		
				Comment				
				FRAC NOTES ATTACHED				
				Interval	Start Date	Primary Job Type	Zone	
				25	8/12/2022	Complete	NIOBRARA, Original Hole	
				Technical Result		Tech Result Details	Tech Result Note	
				Success - Pumped as Planned		Pumped as designed		
				Comment				
				FRAC NOTES ATTACHED				

Land, Original Hole, 9/29/2022 11:08:16 AM			Stimulation Intervals				
MD (ftKB)	TVD (ftKB)	Vertical schematic (actual)	Interval	Start Date	Primary Job Type	Zone	
6.470.1	6.448.9		30	8/14/2022	Complete	NIOBRARA, Original Hole	
7.452.1	6.756.0		Technical Result	Success - Pumped as Planned	Tech Result Details Pumped as designed	Tech Result Note	
7.632.9	6.755.9		Comment FRAC NOTES ATTACHED				
7.842.8	6.755.8		Interval	31	8/14/2022	Complete	NIOBRARA, Original Hole
8.033.0	6.755.3		Technical Result	Success - Pumped as Planned	Tech Result Details Pumped as designed	Tech Result Note	
8.207.0	6.754.9		Comment FRAC NOTES ATTACHED				
8.364.8	6.755.4		Interval	32	8/14/2022	Complete	NIOBRARA, Original Hole
8.595.1	6.755.9		Technical Result	Success - Pumped as Planned	Tech Result Details Pumped as designed	Tech Result Note	
8.776.9	6.756.8		Comment FRAC NOTES ATTACHED				
8.983.9	6.756.5		Interval	33	8/14/2022	Complete	NIOBRARA, Original Hole
9.167.0	6.756.4		Technical Result	Success - Pumped as Planned	Tech Result Details Pumped as designed	Tech Result Note	
9.348.1	6.756.6		Comment FRAC NOTES ATTACHED				
9.558.1	6.755.9		Interval	34	8/15/2022	Complete	NIOBRARA, Original Hole
9.743.1	6.754.6		Technical Result	Success - Pumped as Planned	Tech Result Details Pumped as designed	Tech Result Note	
9.948.2	6.753.0		Comment FRAC NOTES ATTACHED				
10.129.9	6.752.7		Interval	35	8/15/2022	Complete	NIOBRARA, Original Hole
10.336.9	6.752.7		Technical Result	Success - Pumped as Planned	Tech Result Details Pumped as designed	Tech Result Note	
10.522.0	6.753.4		Comment FRAC NOTES ATTACHED				
10.701.1	6.754.0		Interval	36	8/15/2022	Complete	NIOBRARA, Original Hole
10.882.9	6.754.2		Technical Result	Success - Pumped as Planned	Tech Result Details Pumped as designed	Tech Result Note	
11.091.9	6.753.6		Comment FRAC NOTES ATTACHED				
11.271.0	6.753.0		Interval	37	8/13/2022	Complete	NIOBRARA, Original Hole
11.462.9	6.753.9		Technical Result	Success - Pumped as Planned	Tech Result Details Pumped as designed	Tech Result Note	
11.665.0	6.754.4		Comment FRAC NOTES ATTACHED				
11.874.0	6.752.6		Interval	38	8/12/2022	Complete	NIOBRARA, Original Hole
12.057.1	6.751.0		Technical Result	Success - Pumped as Planned	Tech Result Details Pumped as designed	Tech Result Note	
12.268.0	6.749.6		Comment FRAC NOTES ATTACHED				
12.445.9	6.747.7		Interval	39	8/12/2022	Complete	NIOBRARA, Original Hole
12.628.0	6.747.0		Technical Result	Success - Pumped as Planned	Tech Result Details Pumped as designed	Tech Result Note	
12.836.9	6.747.4		Comment FRAC NOTES ATTACHED				
13.019.0	6.745.8		Interval	40	8/11/2022	Complete	NIOBRARA, Original Hole
13.228.0	6.745.8		Technical Result	Success - Pumped as Planned	Tech Result Details Pumped as designed	Tech Result Note	
13.410.1	6.748.8		Comment FRAC NOTES ATTACHED				
13.619.1	6.749.1		Interval	41	8/10/2022	Complete	NIOBRARA, Original Hole
13.800.9	6.747.0		Technical Result	Success - Pumped as Planned	Tech Result Details Pumped as designed	Tech Result Note	
13.980.0	6.745.1		Comment FRAC NOTES ATTACHED				
14.162.1	6.743.1		Interval	42	8/10/2022	Complete	NIOBRARA, Original Hole
14.368.1	6.741.4		Technical Result	Success - Pumped as Planned	Tech Result Details Pumped as designed	Tech Result Note	
14.548.9	6.740.8		Comment FRAC NOTES ATTACHED				
14.763.1	6.741.3		Interval	43	8/9/2022	Complete	NIOBRARA, Original Hole
14.943.0	6.741.2		Technical Result	Success - Pumped as Planned	Tech Result Details Pumped as designed	Tech Result Note	
15.153.9	6.741.8		Comment FRAC NOTES ATTACHED				
15.335.0	6.740.8		Interval	44	8/7/2022	Complete	NIOBRARA, Original Hole
15.544.9	6.738.1		Technical Result	Success - Pumped as Planned	Tech Result Details Pumped as designed	Tech Result Note	
15.726.0	6.737.2		Comment FRAC NOTES ATTACHED				
15.936.0	6.736.9		Interval	45	8/7/2022	Complete	NIOBRARA, Original Hole
16.116.1	6.736.2		Technical Result	Success - Pumped as Planned	Tech Result Details Pumped as designed	Tech Result Note	
16.327.1	6.735.0		Comment FRAC NOTES ATTACHED				
16.508.9	6.734.4		Interval	46	8/5/2022	Complete	NIOBRARA, Original Hole
16.717.8	6.734.1		Technical Result	Success - Pumped as Planned	Tech Result Details Pumped as designed	Tech Result Note	
16.899.9	6.733.9		Comment FRAC NOTES ATTACHED				
17.108.9	6.734.1		Interval	47	8/5/2022	Complete	NIOBRARA, Original Hole
17.314.4	6.734.6		Technical Result	Success - Pumped as Planned	Tech Result Details Pumped as designed	Tech Result Note	

Land, Original Hole, 9/29/2022 11:08:16 AM			
MD (RKB)	TVD (RKB)	Vertical schematic (actual)	
6,470.1	6,448.9		
7,402.1	6,756.0		
7,632.9	6,755.9		
7,842.8	6,755.8		
8,033.0	6,755.3		
8,207.0	6,754.9		
8,364.8	6,755.4		
8,595.1	6,755.9		
8,776.9	6,756.8		
8,983.9	6,756.5		
		SAND FRAC, 7361-7543, 8/19/2022	
		PROPPANT FRAC, 7572-7754, 8/18/2022	
		PROPPANT FRAC, 7784-7964, 8/18/2022	
		PROPPANT FRAC, 7993-8175, 8/18/2022	
		SAND FRAC, 8204-8384, 8/18/2022	
		PROPPANT FRAC, 8414-8596, 8/17/2022	
		PROPPANT FRAC, 8625-8807, 8/17/2022	
		PROPPANT FRAC, 8836-9016, 8/17/2022	
		SAND FRAC, 9046-9223, 8/16/2022	
		SAND FRAC, 9257-9436, 8/16/2022	
		SAND FRAC, 9467-9648, 8/16/2022	
		SAND FRAC, 9678-9860, 8/16/2022	
		SAND FRAC, 9889-10070, 8/15/2022	
		SAND FRAC, 10099-10281, 8/15/2022	
		SAND FRAC, 10310-10492, 8/15/2022	
		SAND FRAC, 10521-10702, 8/14/2022	
		SAND FRAC, 10731-10913, 8/14/2022	
		SAND FRAC, 10942-11123, 8/14/2022	
		SAND FRAC, 11152-11334, 8/13/2022	
		SAND FRAC, 11363-11541, 8/13/2022	
		SAND FRAC, 11574-11753, 8/13/2022	
		SAND FRAC, 11784-11966, 8/12/2022	
		SAND FRAC, 11995-12175, 8/12/2022	
		SAND FRAC, 12205-12387, 8/12/2022	
		SAND FRAC, 12416-12598, 8/12/2022	
		SAND FRAC, 12627-12808, 8/11/2022	
		SAND FRAC, 12837-13019, 8/11/2022	
		SAND FRAC, 13048-13229, 8/11/2022	
		SAND FRAC, 13258-13440, 8/11/2022	
		SAND FRAC, 13469-13651, 8/10/2022	
		SAND FRAC, 13680-13861, 8/10/2022	
		SAND FRAC, 13890-14072, 8/10/2022	
		SAND FRAC, 14101-14282, 8/10/2022	
		SAND FRAC, 14311-14493, 8/9/2022	
		SAND FRAC, 14522-14704, 8/9/2022	
		SAND FRAC, 14733-14910, 8/8/2022	
		SAND FRAC, 14943-15125, 8/8/2022	
		SAND FRAC, 15154-15335, 8/8/2022	
		SAND FRAC, 15364-15546, 8/7/2022	
		SAND FRAC, 15575-15757, 8/7/2022	
		SAND FRAC, 15786-15967, 8/7/2022	
		SAND FRAC, 15996-16178, 8/6/2022	
		SAND FRAC, 16207-16388, 8/6/2022	
		SAND FRAC, 16417-16599, 8/6/2022	
		SAND FRAC, 16628-16810, 8/5/2022	
		SAND FRAC, 16839-17020, 8/5/2022	
		SAND FRAC, 17049-17170, 8/5/2022	
17,194.4	6,734.6		

Stimulation Intervals			
Interval 40	Start Date 8/17/2022	Primary Job Type Complete	Zone NIOBRARA, Original Hole
Technical Result Success - Pumped as Planned		Tech Result Details Pumped as designed	Tech Result Note
Comment FRAC NOTES ATTACHED			
Interval 41	Start Date 8/17/2022	Primary Job Type Complete	Zone NIOBRARA, Original Hole
Technical Result Success - Pumped as Planned		Tech Result Details Pumped as designed	Tech Result Note
Comment FRAC NOTES ATTACHED			
Interval 42	Start Date 8/17/2022	Primary Job Type Complete	Zone NIOBRARA, Original Hole
Technical Result Success - Pumped as Planned		Tech Result Details Pumped as designed	Tech Result Note
Comment FRAC NOTES ATTACHED			
Interval 43	Start Date 8/18/2022	Primary Job Type Complete	Zone NIOBRARA, Original Hole
Technical Result Success - Pumped as Planned		Tech Result Details Pumped as designed	Tech Result Note
Comment FRAC NOTES ATTACHED			
Interval 44	Start Date 8/18/2022	Primary Job Type Complete	Zone NIOBRARA, Original Hole
Technical Result Success - Pumped as Planned		Tech Result Details Pumped as designed	Tech Result Note
Comment FRAC NOTES ATTACHED			
Interval 45	Start Date 8/18/2022	Primary Job Type Complete	Zone NIOBRARA, Original Hole
Technical Result Success - Pumped as Planned		Tech Result Details Pumped as designed	Tech Result Note
Comment FRAC NOTES ATTACHED			