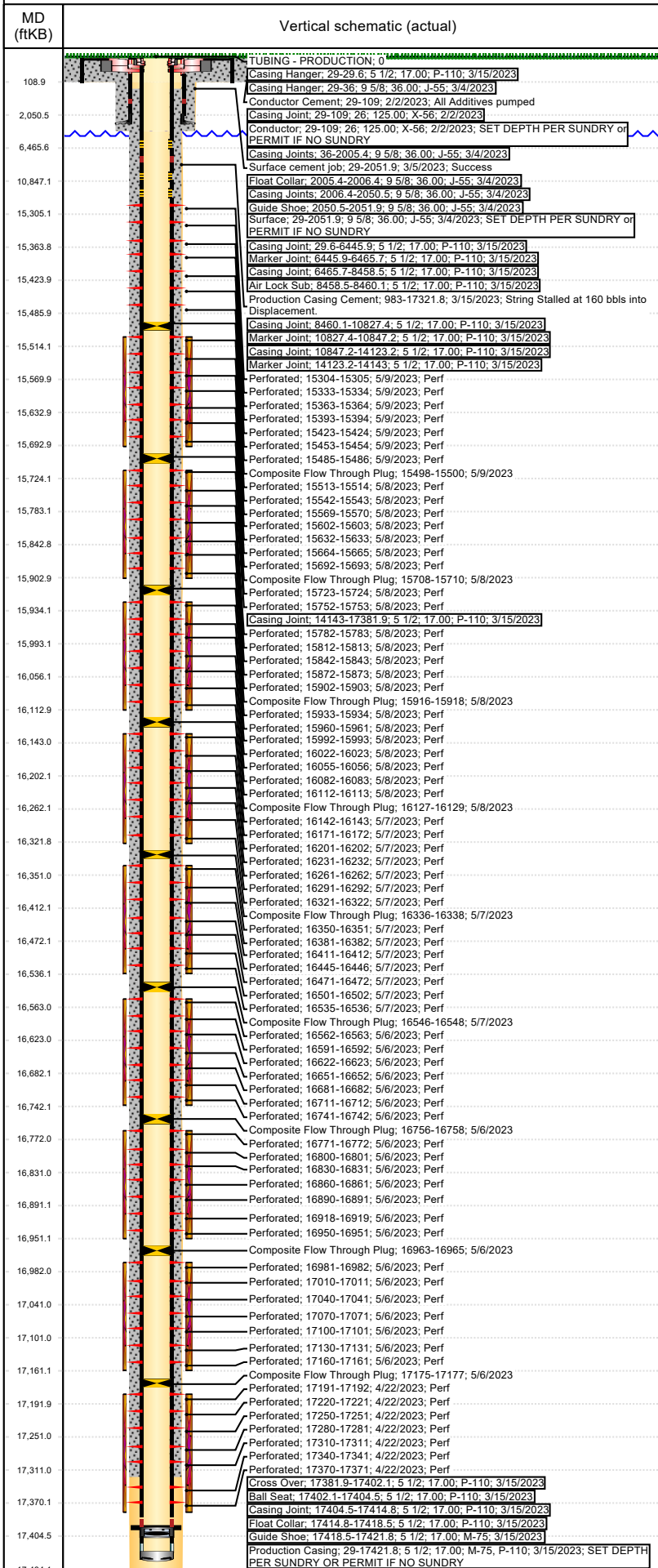




# Wellbore Schematic Input Report

Well Name: GIG-EM STATE Y9-740

Land, Original Hole, 5/9/2023 11:57:13 AM



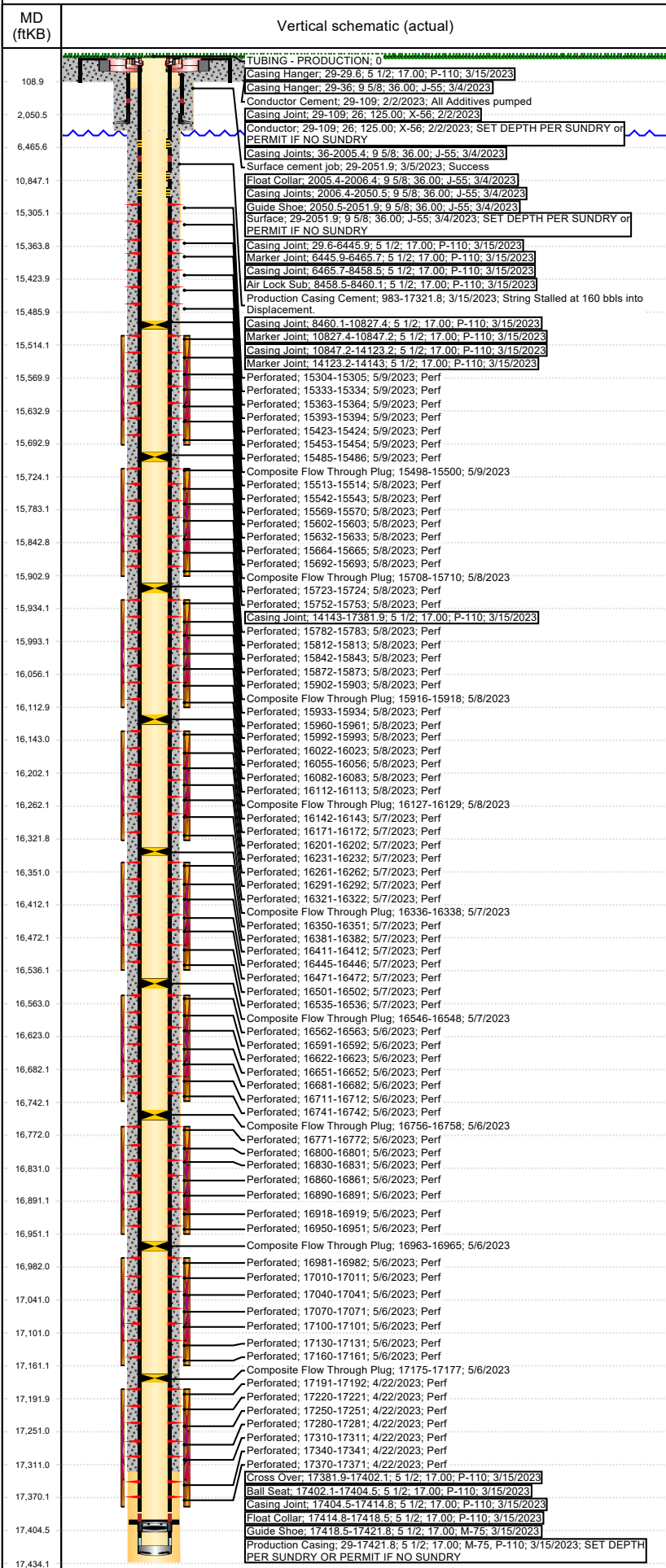
Well Header						
Surface UWI 0512351837		Asset Team		Production Tree Location Land		
Original RKB Elevation (ft) 4,972.00		Original KB to Ground (ft) 29.00		Original Spud Date 3/4/2023		Abandon Date
Range			Well Sub-Status PW		High Pressure N	
Directions To Well CR 55 & CR 20, N 1, W 6/10, S INTO				Latitude (°) 40.144109108		Longitude (°) -104.550565823
Comment THERE IS AN ALTERNATIVE LOGGING PROGRAM POSTED ON THE PERMIT FOR GIG-EM STATE Y9-740 Doc #403008862: Alternative Logging Program: An existing well (HULLBALOO STATE Y21-746 (05-123-45235) on the pad was logged with open-hole resistivity log with gamma-ray log from the kick-off point into the surface casing. All wells on the pad will have a cement bond log with gamma-ray run on production casing (or on intermediate casing if production liner is run) into the surface casing. The horizontal portion of every well will be logged with a measured-while-drilling gamma-ray log. The Form 5, Completion Report, for each well on the pad will list all logs run and have those logs attached. The Form 5 for a well without open-hole logs shall state "Alternative Logging Program - No open-hole logs were run" and shall clearly identify the type of log and the well (by API#) in which open-hole logs were run.						
Congressional Location						
Quarter 3 NE	Quarter 4 NE	Section 16	Township 2	Township N/S Dir N	Range 64	Range E/W Dir W
Rig Operator						
Rig/Unit Supervisor						
Daily Cost Summary						
Sum of Field Est (Cost) 0						
Sum of Field Est (Cost) 0						
Plug Back Total Depths						
Date	PBTD (ftKB)	Method		Com		
3/15/2023	17,402	CSG TALLY		BALL SEAT SUB		
Wellbore Sections						
Section Des		Hole Size (in)	Act Top (ftKB)		Act Btm (ftKB)	
CONDUCTOR		26	29.0		109.0	
SURFACE		13 1/2	109.0		2,062.0	
PRODUCTION		8 1/2	2,062.0		17,434.0	
Zone Statuses						
Zone Name		Status Date		Status		
Casing Strings						
Conductor, Planned?-N, 109ftKB						
Casing Description	Run Date	OD (in)	Wt/Len (lb/ft)	Grade	Top Depth (M)	Set Depth (M)
Conductor	2/2/2023	26	125.00	X-56	29	109
Surface, Planned?-N, 2051.9ftKB						
Casing Description	Run Date	OD (in)	Wt/Len (lb/ft)	Grade	Top Depth (M)	Set Depth (M)
Surface	3/4/2023	9 5/8	36.00	J-55	29	2051.9
Production Casing, Planned?-N, 17421.8ftKB						
Casing Description	Run Date	OD (in)	Wt/Len (lb/ft)	Grade	Top Depth (M)	Set Depth (M)
Production Casing	3/15/2023	5 1/2	17.00	P-110	29	17421.8
Cement						
Des		Start Date		Top (ftKB)		Btm (ftKB)
Conductor Cement		2/2/2023		29.0		109.0
Surface cement job		3/5/2023		29.0		2,051.9
Production Casing Cement		3/15/2023		983.0		17,321.8
Proposed Cement						
Des		Top (ftKB)		Btm (ftKB)		
Tubing Strings						
Tubing Description	Run Date	String Make	ID (in)	Wt (lb/ft)	Grade	Len (ft) Set Depth
TUBING - PRODUCTION						
Other In Hole						
Run Date	Des		Make	OD (in)	Top (ftKB)	Btm (ftKB)
5/6/2023	Composite Flow Through Plug		Halliburton	4.57	17,175.0	17,177.0
5/6/2023	Composite Flow Through Plug		Halliburton	4.57	16,963.0	16,965.0
5/6/2023	Composite Flow Through Plug		Halliburton	4.57	16,756.0	16,758.0



# Wellbore Schematic Input Report

Well Name: GIG-EM STATE Y9-740

Land, Original Hole, 5/9/2023 11:57:13 AM



Run Date	Des	Make	OD (in)	Top (ftKB)	Btm (ftKB)
5/7/2023	Composite Flow Through Plug	Halliburton	4.57	16,546.0	16,548.0
5/7/2023	Composite Flow Through Plug	Halliburton	4.57	16,336.0	16,338.0
5/8/2023	Composite Flow Through Plug	Halliburton	4.57	16,127.0	16,129.0
5/8/2023	Composite Flow Through Plug	Halliburton	4.57	15,916.0	15,918.0
5/8/2023	Composite Flow Through Plug	Halliburton	4.57	15,708.0	15,710.0
5/9/2023	Composite Flow Through Plug	Halliburton	4.57	15,498.0	15,500.0

Proposed Other In Hole					
Des	Make	OD (in)	Top (ftKB)	Btm (ftKB)	

Logs				
Date	Type	Depth Top (MD) (ftKB)	Btm (ftKB)	
3/12/2023	Measurement While Drilling (MWD)	29	17,420.0	

Perforation Data				
Linked Zone	Sum of Entered Shot Total	Top (ftKB)	Btm (ftKB)	Date
NIOBRARA, Original Hole	4	15,304.0	15,305.0	5/9/2023
NIOBRARA, Original Hole	4	15,333.0	15,334.0	5/9/2023
NIOBRARA, Original Hole	4	15,363.0	15,364.0	5/9/2023
NIOBRARA, Original Hole	4	15,393.0	15,394.0	5/9/2023
NIOBRARA, Original Hole	4	15,423.0	15,424.0	5/9/2023
NIOBRARA, Original Hole	4	15,453.0	15,454.0	5/9/2023
NIOBRARA, Original Hole	4	15,485.0	15,486.0	5/9/2023
NIOBRARA, Original Hole	4	15,513.0	15,514.0	5/8/2023
NIOBRARA, Original Hole	4	15,542.0	15,543.0	5/8/2023
NIOBRARA, Original Hole	4	15,569.0	15,570.0	5/8/2023
NIOBRARA, Original Hole	4	15,602.0	15,603.0	5/8/2023
NIOBRARA, Original Hole	4	15,632.0	15,633.0	5/8/2023
NIOBRARA, Original Hole	4	15,664.0	15,665.0	5/8/2023
NIOBRARA, Original Hole	4	15,692.0	15,693.0	5/8/2023
NIOBRARA, Original Hole	4	15,723.0	15,724.0	5/8/2023
NIOBRARA, Original Hole	4	15,752.0	15,753.0	5/8/2023
NIOBRARA, Original Hole	4	15,782.0	15,783.0	5/8/2023
NIOBRARA, Original Hole	4	15,812.0	15,813.0	5/8/2023
NIOBRARA, Original Hole	4	15,842.0	15,843.0	5/8/2023
NIOBRARA, Original Hole	4	15,872.0	15,873.0	5/8/2023
NIOBRARA, Original Hole	4	15,902.0	15,903.0	5/8/2023
NIOBRARA, Original Hole	4	15,933.0	15,934.0	5/8/2023
NIOBRARA, Original Hole	4	15,960.0	15,961.0	5/8/2023
NIOBRARA, Original Hole	4	15,992.0	15,993.0	5/8/2023
NIOBRARA, Original Hole	4	16,022.0	16,023.0	5/8/2023
NIOBRARA, Original Hole	4	16,055.0	16,056.0	5/8/2023
NIOBRARA, Original Hole	4	16,082.0	16,083.0	5/8/2023
NIOBRARA, Original Hole	4	16,112.0	16,113.0	5/8/2023
NIOBRARA, Original Hole	4	16,142.0	16,143.0	5/7/2023
NIOBRARA, Original Hole	4	16,171.0	16,172.0	5/7/2023
NIOBRARA, Original Hole	4	16,201.0	16,202.0	5/7/2023
NIOBRARA, Original Hole	4	16,231.0	16,232.0	5/7/2023
NIOBRARA, Original Hole	4	16,261.0	16,262.0	5/7/2023
NIOBRARA, Original Hole	4	16,291.0	16,292.0	5/7/2023
NIOBRARA, Original Hole	4	16,321.0	16,322.0	5/7/2023
NIOBRARA, Original Hole	4	16,350.0	16,351.0	5/7/2023
NIOBRARA, Original Hole	4	16,381.0	16,382.0	5/7/2023
NIOBRARA, Original Hole	4	16,411.0	16,412.0	5/7/2023
NIOBRARA, Original Hole	4	16,445.0	16,446.0	5/7/2023
NIOBRARA, Original Hole	4	16,471.0	16,472.0	5/7/2023
NIOBRARA, Original Hole	4	16,501.0	16,502.0	5/7/2023
NIOBRARA, Original Hole	4	16,535.0	16,536.0	5/7/2023
NIOBRARA, Original Hole	4	16,562.0	16,563.0	5/6/2023
NIOBRARA, Original Hole	4	16,591.0	16,592.0	5/6/2023
NIOBRARA, Original Hole	4	16,622.0	16,623.0	5/6/2023
NIOBRARA, Original Hole	4	16,651.0	16,652.0	5/6/2023



# Wellbore Schematic Input Report

Well Name: GIG-EM STATE Y9-740

Land, Original Hole, 5/9/2023 11:57:13 AM

## Perforation Data

MD (ftKB)	Vertical schematic (actual)	Perforation Data				
		Linked Zone	Sum of Entered Shot Total	Top (ftKB)	Btm (ftKB)	Date
108.9	TUBING - PRODUCTION LOG Casing Hanger: 29-29.6; 5 1/2; 17.00; P-110; 3/15/2023	NIOBRARA, Original Hole	4	16,681.0	16,682.0	5/6/2023
	Casing Hanger: 29-36; 9 5/8; 36.00; J-55; 3/4/2023	NIOBRARA, Original Hole	4	16,711.0	16,712.0	5/6/2023
2,050.5	Conductor Cement: 29-109; 2/2/2023; All Additives pumped	NIOBRARA, Original Hole	4	16,741.0	16,742.0	5/6/2023
	Casing Joint: 29-109; 26; 125.00; X-56; 2/2/2023	NIOBRARA, Original Hole	4	16,771.0	16,772.0	5/6/2023
6,465.6	Conductor: 29-109; 26; 125.00; X-56; 2/2/2023; SET DEPTH PER SUNDRY or PERMIT IF NO SUNDRY	NIOBRARA, Original Hole	4	16,771.0	16,772.0	5/6/2023
	Casing Joints: 36-2005.4; 9 5/8; 36.00; J-55; 3/4/2023	NIOBRARA, Original Hole	4	16,800.0	16,801.0	5/6/2023
10,847.1	Surface cement job: 29-2051.9; 3/5/2023; Success	NIOBRARA, Original Hole	4	16,800.0	16,801.0	5/6/2023
	Float Collar: 2051.4-2056.4; 9 5/8; 36.00; J-55; 3/4/2023	NIOBRARA, Original Hole	4	16,830.0	16,831.0	5/6/2023
15,305.1	Casing Joints: 2056.4-2050.5; 9 5/8; 36.00; J-55; 3/4/2023	NIOBRARA, Original Hole	4	16,830.0	16,831.0	5/6/2023
	Guide Shoe: 2050.5-2051.9; 9 5/8; 36.00; J-55; 3/4/2023	NIOBRARA, Original Hole	4	16,860.0	16,861.0	5/6/2023
15,363.8	Surface: 29-2051.9; 9 5/8; 36.00; J-55; 3/4/2023; SET DEPTH PER SUNDRY or PERMIT IF NO SUNDRY	NIOBRARA, Original Hole	4	16,860.0	16,861.0	5/6/2023
	Casing Joint: 29.6-8445.9; 5 1/2; 17.00; P-110; 3/15/2023	NIOBRARA, Original Hole	4	16,890.0	16,891.0	5/6/2023
15,423.9	Marker Joint: 8445.9-8465.7; 5 1/2; 17.00; P-110; 3/15/2023	NIOBRARA, Original Hole	4	16,890.0	16,891.0	5/6/2023
	Casing Joint: 8465.7-8458.5; 5 1/2; 17.00; P-110; 3/15/2023	NIOBRARA, Original Hole	4	16,918.0	16,919.0	5/6/2023
15,485.9	Air Lock Sub: 8458.5-8460.1; 5 1/2; 17.00; P-110; 3/15/2023	NIOBRARA, Original Hole	4	16,918.0	16,919.0	5/6/2023
	Production Casing Cement: 983-17321.8; 3/15/2023; String Stalled at 160 bbls into Displacement	NIOBRARA, Original Hole	4	16,950.0	16,951.0	5/6/2023
15,514.1	Casing Joint: 8460.1-10827.4; 5 1/2; 17.00; P-110; 3/15/2023	NIOBRARA, Original Hole	4	16,950.0	16,951.0	5/6/2023
15,569.9	Marker Joint: 10827.4-10847.2; 5 1/2; 17.00; P-110; 3/15/2023	NIOBRARA, Original Hole	4	16,981.0	16,982.0	5/6/2023
	Casing Joint: 10847.2-14123.2; 5 1/2; 17.00; P-110; 3/15/2023	NIOBRARA, Original Hole	4	16,981.0	16,982.0	5/6/2023
15,632.9	Marker Joint: 14123.2-14143; 5 1/2; 17.00; P-110; 3/15/2023	NIOBRARA, Original Hole	4	17,010.0	17,011.0	5/6/2023
15,692.9	Perforated: 15304-15305; 5/9/2023; Perf	NIOBRARA, Original Hole	4	17,040.0	17,041.0	5/6/2023
	Perforated: 15333-15334; 5/9/2023; Perf	NIOBRARA, Original Hole	4	17,070.0	17,071.0	5/6/2023
15,724.1	Perforated: 15363-15364; 5/9/2023; Perf	NIOBRARA, Original Hole	4	17,070.0	17,071.0	5/6/2023
	Perforated: 15393-15394; 5/9/2023; Perf	NIOBRARA, Original Hole	4	17,100.0	17,101.0	5/6/2023
15,783.1	Perforated: 15423-15424; 5/9/2023; Perf	NIOBRARA, Original Hole	4	17,100.0	17,101.0	5/6/2023
	Perforated: 15453-15454; 5/9/2023; Perf	NIOBRARA, Original Hole	4	17,130.0	17,131.0	5/6/2023
15,842.8	Perforated: 15485-15486; 5/9/2023; Perf	NIOBRARA, Original Hole	4	17,130.0	17,131.0	5/6/2023
	Composite Flow Through Plug: 15498-15500; 5/9/2023	NIOBRARA, Original Hole	4	17,160.0	17,161.0	5/6/2023
15,902.9	Perforated: 15513-15514; 5/8/2023; Perf	NIOBRARA, Original Hole	4	17,160.0	17,161.0	5/6/2023
	Perforated: 15542-15543; 5/8/2023; Perf	NIOBRARA, Original Hole	4	17,191.0	17,192.0	4/22/2023
15,934.1	Perforated: 15569-15570; 5/8/2023; Perf	NIOBRARA, Original Hole	4	17,191.0	17,192.0	4/22/2023
	Perforated: 15602-15603; 5/8/2023; Perf	NIOBRARA, Original Hole	4	17,220.0	17,221.0	4/22/2023
15,993.1	Perforated: 15632-15633; 5/8/2023; Perf	NIOBRARA, Original Hole	4	17,220.0	17,221.0	4/22/2023
	Perforated: 15664-15665; 5/8/2023; Perf	NIOBRARA, Original Hole	4	17,250.0	17,251.0	4/22/2023
16,056.1	Perforated: 15692-15693; 5/8/2023; Perf	NIOBRARA, Original Hole	4	17,250.0	17,251.0	4/22/2023
	Composite Flow Through Plug: 15708-15710; 5/8/2023	NIOBRARA, Original Hole	4	17,280.0	17,281.0	4/22/2023
16,112.9	Perforated: 15723-15724; 5/8/2023; Perf	NIOBRARA, Original Hole	4	17,280.0	17,281.0	4/22/2023
	Perforated: 15752-15753; 5/8/2023; Perf	NIOBRARA, Original Hole	4	17,310.0	17,311.0	4/22/2023
16,143.0	Casing Joint: 14143-17381.9; 5 1/2; 17.00; P-110; 3/15/2023	NIOBRARA, Original Hole	4	17,310.0	17,311.0	4/22/2023
16,202.1	Perforated: 15782-15783; 5/8/2023; Perf	NIOBRARA, Original Hole	4	17,340.0	17,341.0	4/22/2023
	Perforated: 15812-15813; 5/8/2023; Perf	NIOBRARA, Original Hole	4	17,340.0	17,341.0	4/22/2023
16,262.1	Perforated: 15842-15843; 5/8/2023; Perf	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
	Perforated: 15872-15873; 5/8/2023; Perf	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
16,321.8	Perforated: 15902-15903; 5/8/2023; Perf	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
	Composite Flow Through Plug: 15916-15918; 5/8/2023	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
16,351.0	Perforated: 15933-15934; 5/8/2023; Perf	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
	Perforated: 15960-15961; 5/8/2023; Perf	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
16,412.1	Perforated: 15992-15993; 5/8/2023; Perf	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
	Perforated: 16022-16023; 5/8/2023; Perf	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
16,472.1	Perforated: 16055-16056; 5/8/2023; Perf	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
	Perforated: 16082-16083; 5/8/2023; Perf	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
16,536.1	Perforated: 16112-16113; 5/8/2023; Perf	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
	Composite Flow Through Plug: 16127-16129; 5/8/2023	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
16,563.0	Perforated: 16142-16143; 5/7/2023; Perf	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
	Perforated: 16171-16172; 5/7/2023; Perf	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
16,623.0	Perforated: 16201-16202; 5/7/2023; Perf	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
	Perforated: 16231-16232; 5/7/2023; Perf	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
16,682.1	Perforated: 16261-16262; 5/7/2023; Perf	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
	Perforated: 16291-16292; 5/7/2023; Perf	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
16,742.1	Perforated: 16321-16322; 5/7/2023; Perf	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
	Composite Flow Through Plug: 16336-16338; 5/7/2023	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
16,772.0	Perforated: 16350-16351; 5/7/2023; Perf	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
	Perforated: 16381-16382; 5/7/2023; Perf	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
16,831.0	Perforated: 16411-16412; 5/7/2023; Perf	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
	Perforated: 16445-16446; 5/7/2023; Perf	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
16,891.1	Perforated: 16471-16472; 5/7/2023; Perf	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
	Perforated: 16501-16502; 5/7/2023; Perf	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
16,951.1	Perforated: 16535-16536; 5/7/2023; Perf	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
	Composite Flow Through Plug: 16546-16548; 5/7/2023	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
16,982.0	Perforated: 16562-16563; 5/6/2023; Perf	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
	Perforated: 16591-16592; 5/6/2023; Perf	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
17,041.0	Perforated: 16622-16623; 5/6/2023; Perf	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
	Perforated: 16651-16652; 5/6/2023; Perf	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
17,101.0	Perforated: 16681-16682; 5/6/2023; Perf	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
	Perforated: 16711-16712; 5/6/2023; Perf	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
17,161.1	Perforated: 16741-16742; 5/6/2023; Perf	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
	Composite Flow Through Plug: 16756-16758; 5/6/2023	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
17,191.9	Perforated: 16771-16772; 5/6/2023; Perf	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
	Perforated: 16800-16801; 5/6/2023; Perf	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
17,251.0	Perforated: 16830-16831; 5/6/2023; Perf	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
	Perforated: 16860-16861; 5/6/2023; Perf	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
17,311.0	Perforated: 16890-16891; 5/6/2023; Perf	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
	Perforated: 16918-16919; 5/6/2023; Perf	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
17,370.1	Perforated: 16950-16951; 5/6/2023; Perf	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
	Composite Flow Through Plug: 16963-16965; 5/6/2023	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
17,404.5	Perforated: 16981-16982; 5/6/2023; Perf	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
	Perforated: 17010-17011; 5/6/2023; Perf	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
17,434.1	Perforated: 17040-17041; 5/6/2023; Perf	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
	Perforated: 17070-17071; 5/6/2023; Perf	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
	Perforated: 17100-17101; 5/6/2023; Perf	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
	Perforated: 17130-17131; 5/6/2023; Perf	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
	Perforated: 17160-17161; 5/6/2023; Perf	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
	Composite Flow Through Plug: 17175-17177; 5/6/2023	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
	Perforated: 17191-17192; 4/22/2023; Perf	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
	Perforated: 17220-17221; 4/22/2023; Perf	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
	Perforated: 17250-17251; 4/22/2023; Perf	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
	Perforated: 17280-17281; 4/22/2023; Perf	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
	Perforated: 17310-17311; 4/22/2023; Perf	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
	Perforated: 17340-17341; 4/22/2023; Perf	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
	Perforated: 17370-17371; 4/22/2023; Perf	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
	Cross Over: 17381.9-17402.1; 5 1/2; 17.00; P-110; 3/15/2023	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
	Ball Seat: 17402.1-17404.5; 5 1/2; 17.00; P-110; 3/15/2023	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
	Casing Joint: 17404.5-17414.8; 5 1/2; 17.00; P-110; 3/15/2023	NIOBRARA, Original Hole	4	17,370.0	17,371.0	4/22/2023
	Float Collar: 17414.8-17418.5; 5 1/2; 17.00; P-110; 3/15/2023	NIOBRARA, Original Hole	4	17,3		