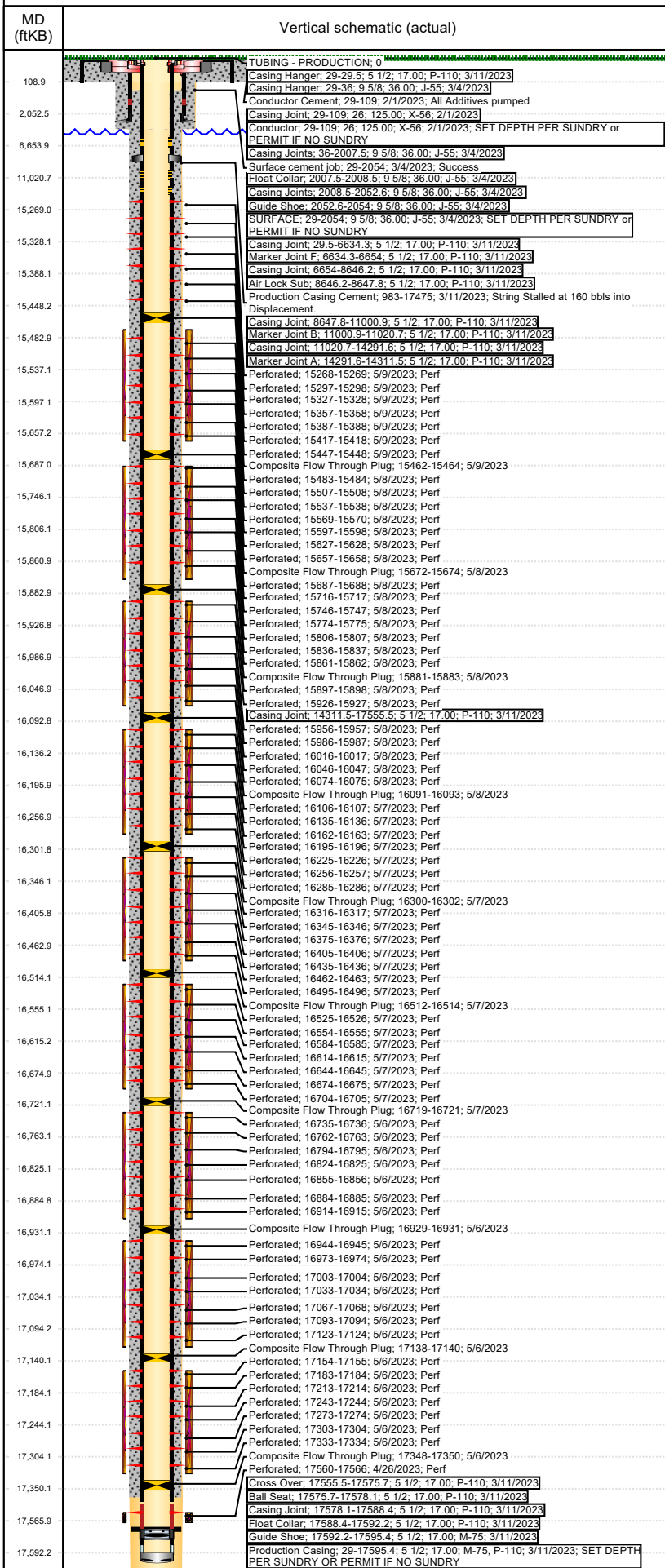




Wellbore Schematic Input Report

Well Name: GIG-EM STATE Y9-751

Land, Original Hole, 5/9/2023 11:58:09 AM



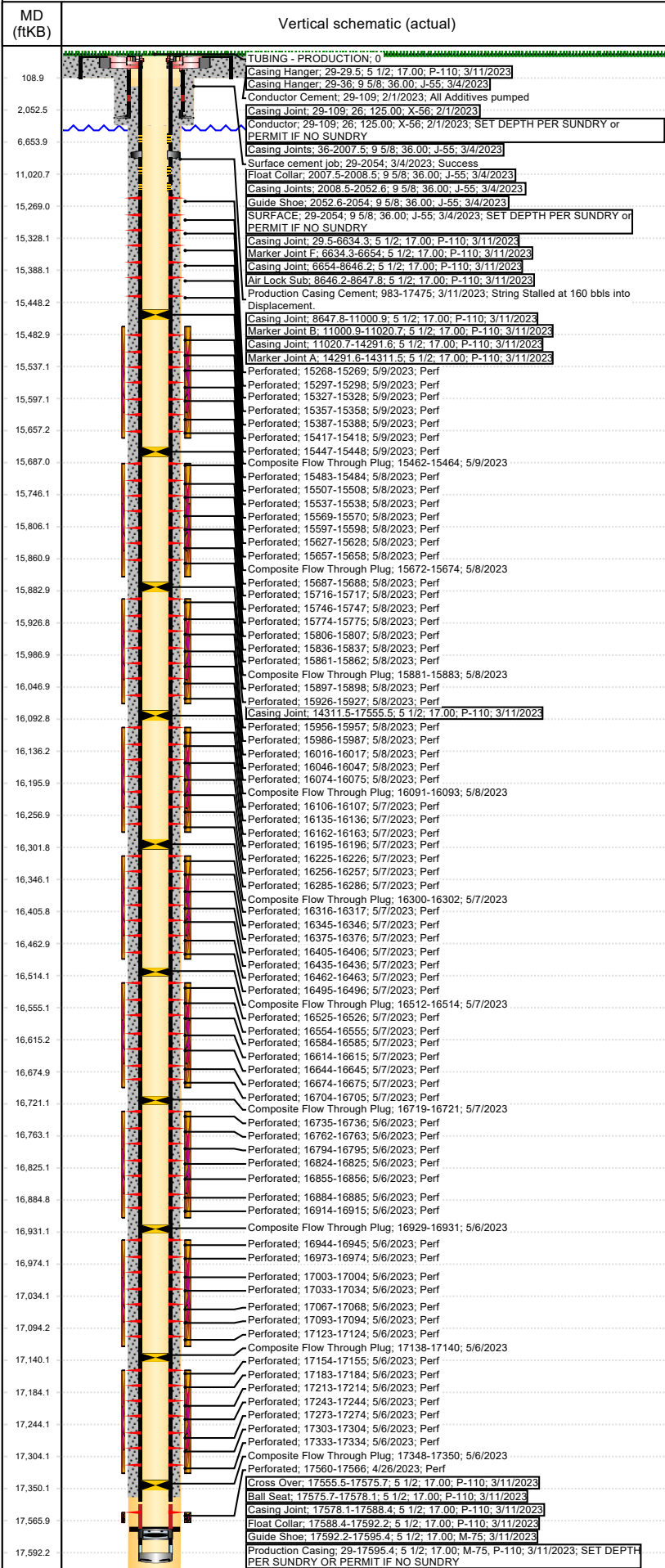
Well Header						
Surface UWI 0512351836		Asset Team		Production Tree Location Land		
Original RKB Elevation (ft) 4,971.00		Original KB to Ground (ft) 29.00		Original Spud Date 3/3/2023		Abandon Date
Range			Well Sub-Status PW		High Pressure N	
Directions To Well CR 55 & CR 20, N 1, W 6/10, S INTO				Latitude (°) 40.144110803		Longitude (°) -104.55064543 1
Comment THERE IS AN ALTERNATIVE LOGGING PROGRAM POSTED ON THE PERMIT FOR GIG-EM STATE Y9-751 Doc #403008939: 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		
3/11/2023	17,576	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		2,064.0	
PRODUCTION		8 1/2	2,064.0		17,608.0	
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	2/1/2023	26	125.00	X-56	29	109
SURFACE, Planned?-N, 2054ftKB						
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	2054
Production Casing, Planned?-N, 17595.4ftKB						
Casing Description	Run Date	OD (in)	Wt/Len (lb/ft)	Grade	Top Depth (M)	Set Depth (M)
Production Casing	3/11/2023	5 1/2	17.00	P-110	29	17595.4
Cement						
Des		Start Date		Top (ftKB)		Btm (ftKB)
Conductor Cement		2/1/2023		29.0		109.0
Surface cement job		3/4/2023		29.0		2,054.0
Production Casing Cement		3/11/2023		983.0		17,475.0
Proposed Cement						
Des		Top (ftKB)		Btm (ftKB)		
Tubing Strings						
Tubing Description		Run Date	String Make	ID (in)	Wt (lb/ft)	Grade
TUBING - PRODUCTION						
Other In Hole						
Run Date	Des		Make	OD (in)	Top (ftKB)	Btm (ftKB)
5/6/2023	Composite Flow Through Plug		Innovex	4.57	17,348.0	17,350.0
5/6/2023	Composite Flow Through Plug		Innovex	4.57	17,138.0	17,140.0
5/6/2023	Composite Flow Through Plug		Innovex	4.57	16,929.0	16,931.0



Wellbore Schematic Input Report

Well Name: GIG-EM STATE Y9-751

Land, Original Hole, 5/9/2023 11:58:09 AM



Run Date	Des	Make	OD (in)	Top (ftKB)	Btm (ftKB)
5/7/2023	Composite Flow Through Plug	Innovex	4.57	16,719.0	16,721.0
5/7/2023	Composite Flow Through Plug	Innovex	4.57	16,512.0	16,514.0
5/7/2023	Composite Flow Through Plug	Innovex	4.57	16,300.0	16,302.0
5/8/2023	Composite Flow Through Plug	Innovex	4.57	16,091.0	16,093.0
5/8/2023	Composite Flow Through Plug	Innovex	4.57	15,881.0	15,883.0
5/8/2023	Composite Flow Through Plug	Innovex	4.57	15,672.0	15,674.0
5/9/2023	Composite Flow Through Plug	Innovex	4.57	15,462.0	15,464.0

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

Logs				
Date	Type	Depth Top (MD) (ftKB)	Btm (ftKB)	
3/3/2023	Measurement While Drilling (MWD)	29	17,595.0	

Perforation Data				
Linked Zone	Sum of Entered Shot Total	Top (ftKB)	Btm (ftKB)	Date
NIOBRARA, Original Hole	4	15,268.0	15,269.0	5/9/2023
NIOBRARA, Original Hole	4	15,297.0	15,298.0	5/9/2023
NIOBRARA, Original Hole	4	15,327.0	15,328.0	5/9/2023
NIOBRARA, Original Hole	4	15,357.0	15,358.0	5/9/2023
NIOBRARA, Original Hole	4	15,387.0	15,388.0	5/9/2023
NIOBRARA, Original Hole	4	15,417.0	15,418.0	5/9/2023
NIOBRARA, Original Hole	4	15,447.0	15,448.0	5/9/2023
NIOBRARA, Original Hole	4	15,483.0	15,484.0	5/8/2023
NIOBRARA, Original Hole	4	15,507.0	15,508.0	5/8/2023
NIOBRARA, Original Hole	4	15,537.0	15,538.0	5/8/2023
NIOBRARA, Original Hole	4	15,569.0	15,570.0	5/8/2023
NIOBRARA, Original Hole	4	15,597.0	15,598.0	5/8/2023
NIOBRARA, Original Hole	4	15,627.0	15,628.0	5/8/2023
NIOBRARA, Original Hole	4	15,657.0	15,658.0	5/8/2023
NIOBRARA, Original Hole	4	15,687.0	15,688.0	5/8/2023
NIOBRARA, Original Hole	4	15,716.0	15,717.0	5/8/2023
NIOBRARA, Original Hole	4	15,746.0	15,747.0	5/8/2023
NIOBRARA, Original Hole	4	15,774.0	15,775.0	5/8/2023
NIOBRARA, Original Hole	4	15,806.0	15,807.0	5/8/2023
NIOBRARA, Original Hole	4	15,836.0	15,837.0	5/8/2023
NIOBRARA, Original Hole	4	15,861.0	15,862.0	5/8/2023
NIOBRARA, Original Hole	4	15,897.0	15,898.0	5/8/2023
NIOBRARA, Original Hole	4	15,926.0	15,927.0	5/8/2023
NIOBRARA, Original Hole	4	15,956.0	15,957.0	5/8/2023
NIOBRARA, Original Hole	4	15,986.0	15,987.0	5/8/2023
NIOBRARA, Original Hole	4	16,016.0	16,017.0	5/8/2023
NIOBRARA, Original Hole	4	16,046.0	16,047.0	5/8/2023
NIOBRARA, Original Hole	4	16,074.0	16,075.0	5/8/2023
NIOBRARA, Original Hole	4	16,106.0	16,107.0	5/7/2023
NIOBRARA, Original Hole	4	16,135.0	16,136.0	5/7/2023
NIOBRARA, Original Hole	4	16,162.0	16,163.0	5/7/2023
NIOBRARA, Original Hole	4	16,195.0	16,196.0	5/7/2023
NIOBRARA, Original Hole	4	16,225.0	16,226.0	5/7/2023
NIOBRARA, Original Hole	4	16,256.0	16,257.0	5/7/2023
NIOBRARA, Original Hole	4	16,285.0	16,286.0	5/7/2023
NIOBRARA, Original Hole	4	16,316.0	16,317.0	5/7/2023
NIOBRARA, Original Hole	4	16,345.0	16,346.0	5/7/2023
NIOBRARA, Original Hole	4	16,375.0	16,376.0	5/7/2023
NIOBRARA, Original Hole	4	16,405.0	16,406.0	5/7/2023
NIOBRARA, Original Hole	4	16,435.0	16,436.0	5/7/2023
NIOBRARA, Original Hole	4	16,462.0	16,463.0	5/7/2023
NIOBRARA, Original Hole	4	16,495.0	16,496.0	5/7/2023
NIOBRARA, Original Hole	4	16,525.0	16,526.0	5/7/2023
NIOBRARA, Original Hole	4	16,554.0	16,555.0	5/7/2023
NIOBRARA, Original Hole	4	16,584.0	16,585.0	5/7/2023



Wellbore Schematic Input Report

Well Name: GIG-EM STATE Y9-751

Land, Original Hole, 5/9/2023 11:58:09 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 0 Casing Hanger; 29-29.5; 5 1/2; 17.00; P-110; 3/11/2023	NIOBRARA, Original Hole	4	16,614.0	16,615.0	5/7/2023
2,052.5	Casing Hanger; 29-36; 9 5/8; 36.00; J-55; 3/4/2023 Conductor Cement; 29-109; 2/1/2023; All Additives pumped	NIOBRARA, Original Hole	4	16,644.0	16,645.0	5/7/2023
6,653.9	Casing Joint; 29-109; 26; 125.00; X-56; 2/1/2023 Conductor; 29-109; 26; 125.00; X-56; 2/1/2023; SET DEPTH PER SUNDRY or PERMIT IF NO SUNDRY	NIOBRARA, Original Hole	4	16,674.0	16,675.0	5/7/2023
11,020.7	Casing Joints; 36-2007.5; 9 5/8; 36.00; J-55; 3/4/2023 Surface cement job; 29-2054; 3/4/2023; Success Float Collar; 2007.5-2008.5; 9 5/8; 36.00; J-55; 3/4/2023	NIOBRARA, Original Hole	4	16,704.0	16,705.0	5/7/2023
15,269.0	Casing Joints; 2008.5-2052.6; 9 5/8; 36.00; J-55; 3/4/2023 Guide Shoe; 2052.6-2054; 9 5/8; 36.00; J-55; 3/4/2023	NIOBRARA, Original Hole	4	16,735.0	16,736.0	5/6/2023
15,328.1	SURFACE; 29-2054; 9 5/8; 36.00; J-55; 3/4/2023; SET DEPTH PER SUNDRY or PERMIT IF NO SUNDRY	NIOBRARA, Original Hole	4	16,762.0	16,763.0	5/6/2023
15,388.1	Casing Joint; 29-5-6634.3; 5 1/2; 17.00; P-110; 3/11/2023 Marker Joint F; 6634.3-6654; 5 1/2; 17.00; P-110; 3/11/2023	NIOBRARA, Original Hole	4	16,794.0	16,795.0	5/6/2023
15,448.2	Casing Joint; 6654-8646.2; 5 1/2; 17.00; P-110; 3/11/2023 Air Lock Sub; 8646.2-8647.8; 5 1/2; 17.00; P-110; 3/11/2023 Production Casing Cement; 983-17475; 3/11/2023; String Stalled at 160 bbls into Displacement.	NIOBRARA, Original Hole	4	16,824.0	16,825.0	5/6/2023
15,482.9	Casing Joint; 8647.8-11000.9; 5 1/2; 17.00; P-110; 3/11/2023 Marker Joint B; 11000.9-11020.7; 5 1/2; 17.00; P-110; 3/11/2023	NIOBRARA, Original Hole	4	16,855.0	16,856.0	5/6/2023
15,537.1	Casing Joint; 11020.7-14291.6; 5 1/2; 17.00; P-110; 3/11/2023 Marker Joint A; 14291.6-14311.5; 5 1/2; 17.00; P-110; 3/11/2023	NIOBRARA, Original Hole	4	16,884.0	16,885.0	5/6/2023
15,597.1	Perforated; 15268-15269; 5/9/2023; Perf	NIOBRARA, Original Hole	4	16,914.0	16,915.0	5/6/2023
15,657.2	Perforated; 15297-15298; 5/9/2023; Perf	NIOBRARA, Original Hole	4	16,944.0	16,945.0	5/6/2023
15,687.0	Perforated; 15327-15328; 5/9/2023; Perf	NIOBRARA, Original Hole	4	16,973.0	16,974.0	5/6/2023
15,746.1	Perforated; 15357-15358; 5/9/2023; Perf	NIOBRARA, Original Hole	4	17,003.0	17,004.0	5/6/2023
15,806.1	Perforated; 15387-15388; 5/9/2023; Perf	NIOBRARA, Original Hole	4	17,033.0	17,034.0	5/6/2023
15,860.9	Perforated; 15417-15418; 5/9/2023; Perf	NIOBRARA, Original Hole	4	17,067.0	17,068.0	5/6/2023
15,882.9	Perforated; 15447-15448; 5/9/2023; Perf	NIOBRARA, Original Hole	4	17,093.0	17,094.0	5/6/2023
15,926.8	Composite Flow Through Plug; 15462-15464; 5/9/2023	NIOBRARA, Original Hole	4	17,123.0	17,124.0	5/6/2023
15,986.9	Perforated; 15483-15484; 5/8/2023; Perf	NIOBRARA, Original Hole	4	17,154.0	17,155.0	5/6/2023
16,046.9	Perforated; 15507-15508; 5/8/2023; Perf	NIOBRARA, Original Hole	4	17,183.0	17,184.0	5/6/2023
16,092.8	Perforated; 15537-15538; 5/8/2023; Perf	NIOBRARA, Original Hole	4	17,213.0	17,214.0	5/6/2023
16,136.2	Perforated; 15569-15570; 5/8/2023; Perf	NIOBRARA, Original Hole	4	17,243.0	17,244.0	5/6/2023
16,195.9	Perforated; 15597-15598; 5/8/2023; Perf	NIOBRARA, Original Hole	4	17,273.0	17,274.0	5/6/2023
16,256.9	Perforated; 15627-15628; 5/8/2023; Perf	NIOBRARA, Original Hole	4	17,303.0	17,304.0	5/6/2023
16,301.8	Perforated; 15657-15658; 5/8/2023; Perf	NIOBRARA, Original Hole	4	17,333.0	17,334.0	5/6/2023
16,346.1	Composite Flow Through Plug; 15672-15674; 5/8/2023	NIOBRARA, Original Hole	4	17,560.0	17,566.0	4/26/2023
16,405.8	Perforated; 15687-15688; 5/8/2023; Perf					
16,462.9	Perforated; 15716-15717; 5/8/2023; Perf					
16,514.1	Perforated; 15746-15747; 5/8/2023; Perf					
16,555.1	Perforated; 15774-15775; 5/8/2023; Perf					
16,615.2	Perforated; 15806-15807; 5/8/2023; Perf					
16,674.9	Perforated; 15836-15837; 5/8/2023; Perf					
16,721.1	Perforated; 15861-15862; 5/8/2023; Perf					
16,763.1	Composite Flow Through Plug; 15881-15883; 5/8/2023					
16,825.1	Perforated; 15897-15898; 5/8/2023; Perf					
16,884.8	Perforated; 15926-15927; 5/8/2023; Perf					
16,931.1	Casing Joint; 14311.5-17555.5; 5 1/2; 17.00; P-110; 3/11/2023					
16,974.1	Perforated; 15956-15957; 5/8/2023; Perf					
17,034.1	Perforated; 15986-15987; 5/8/2023; Perf					
17,094.2	Perforated; 16016-16017; 5/8/2023; Perf					
17,140.1	Perforated; 16046-16047; 5/8/2023; Perf					
17,184.1	Perforated; 16074-16075; 5/8/2023; Perf					
17,244.1	Composite Flow Through Plug; 16091-16093; 5/8/2023					
17,304.1	Perforated; 16106-16107; 5/7/2023; Perf					
17,350.1	Perforated; 16135-16136; 5/7/2023; Perf					
17,565.9	Perforated; 16162-16163; 5/7/2023; Perf					
17,592.2	Perforated; 16195-16196; 5/7/2023; Perf					
	Perforated; 16225-16226; 5/7/2023; Perf					
	Perforated; 16256-16257; 5/7/2023; Perf					
	Perforated; 16285-16286; 5/7/2023; Perf					
	Composite Flow Through Plug; 16300-16302; 5/7/2023					
	Perforated; 16316-16317; 5/7/2023; Perf					
	Perforated; 16345-16346; 5/7/2023; Perf					
	Perforated; 16375-16376; 5/7/2023; Perf					
	Perforated; 16405-16406; 5/7/2023; Perf					
	Perforated; 16435-16436; 5/7/2023; Perf					
	Perforated; 16462-16463; 5/7/2023; Perf					
	Perforated; 16495-16496; 5/7/2023; Perf					
	Composite Flow Through Plug; 16512-16514; 5/7/2023					
	Perforated; 16525-16526; 5/7/2023; Perf					
	Perforated; 16554-16555; 5/7/2023; Perf					
	Perforated; 16584-16585; 5/7/2023; Perf					
	Perforated; 16614-16615; 5/7/2023; Perf					
	Perforated; 16644-16645; 5/7/2023; Perf					
	Perforated; 16674-16675; 5/7/2023; Perf					
	Perforated; 16704-16705; 5/7/2023; Perf					
	Composite Flow Through Plug; 16719-16721; 5/7/2023					
	Perforated; 16735-16736; 5/6/2023; Perf					
	Perforated; 16762-16763; 5/6/2023; Perf					
	Perforated; 16794-16795; 5/6/2023; Perf					
	Perforated; 16824-16825; 5/6/2023; Perf					
	Perforated; 16855-16856; 5/6/2023; Perf					
	Perforated; 16884-16885; 5/6/2023; Perf					
	Perforated; 16914-16915; 5/6/2023; Perf					
	Composite Flow Through Plug; 16929-16931; 5/6/2023					
	Perforated; 16944-16945; 5/6/2023; Perf					
	Perforated; 16973-16974; 5/6/2023; Perf					
	Perforated; 17003-17004; 5/6/2023; Perf					
	Perforated; 17033-17034; 5/6/2023; Perf					
	Perforated; 17067-17068; 5/6/2023; Perf					
	Perforated; 17093-17094; 5/6/2023; Perf					
	Perforated; 17123-17124; 5/6/2023; Perf					
	Composite Flow Through Plug; 17138-17140; 5/6/2023					
	Perforated; 17154-17155; 5/6/2023; Perf					
	Perforated; 17183-17184; 5/6/2023; Perf					
	Perforated; 17213-17214; 5/6/2023; Perf					
	Perforated; 17243-17244; 5/6/2023; Perf					
	Perforated; 17273-17274; 5/6/2023; Perf					
	Perforated; 17303-17304; 5/6/2023; Perf					
	Perforated; 17333-17334; 5/6/2023; Perf					
	Composite Flow Through Plug; 17348-17350; 5/6/2023					
	Perforated; 17560-17566; 4/26/2023; Perf					
	Cross Over; 17555.5-17575.7; 5 1/2; 17.00; P-110; 3/11/2023					
	Ball Seat; 17575.7-17578.1; 5 1/2; 17.00; P-110; 3/11/2023					
	Casing Joint; 17578.1-17588.4; 5 1/2; 17.00; P-110; 3/11/2023					
	Float Collar; 17588.4-17592.2; 5 1/2; 17.00; P-110; 3/11/2023					
	Guide Shoe; 17592.2-17595.4; 5 1/2; 17.00; M-75; 3/11/2023					
	Production Casing; 29-17595.4; 5 1/2; 17.00; M-75; P-110; 3/11/2023; SET DEPTH PER SUNDRY OR PERMIT IF NO SUNDRY					

Job Supply Amounts				
Supply Item Des	Job Supply Type	Unit	Job Category	Total Re

Daily Cost Breakdown by Category		
Field Est (Cost)	Description	Note