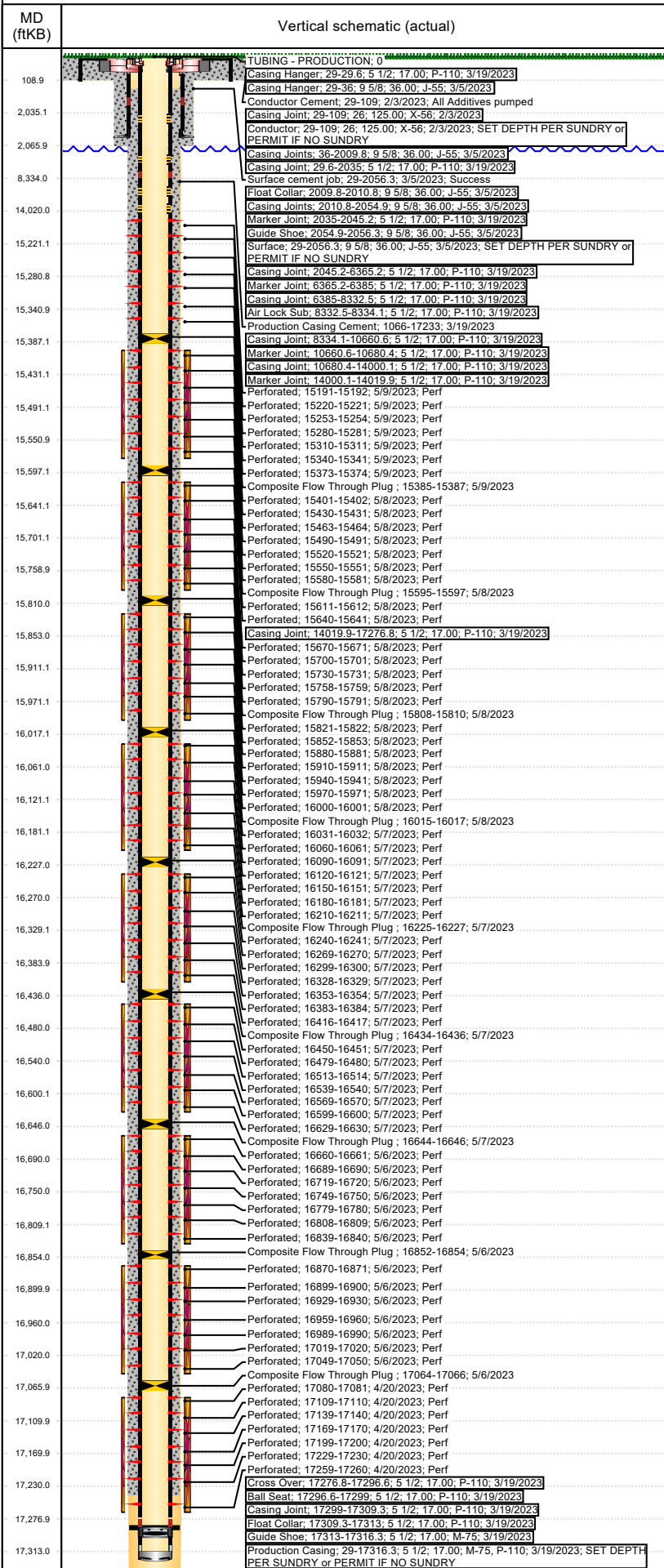




Wellbore Schematic Input Report

Well Name: GIG-EM STATE Y9-730

Land, Original Hole, 5/9/2023 11:55:53 AM



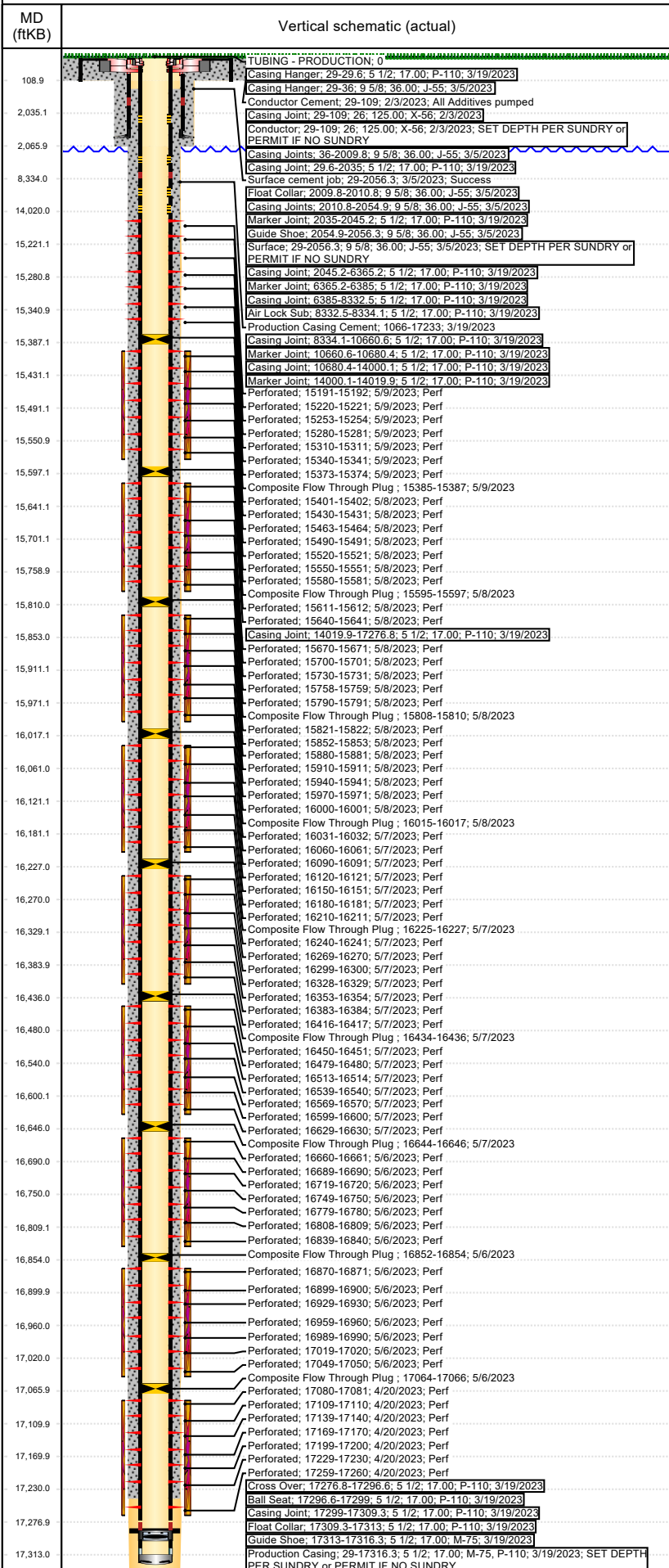
Well Header						
Surface UWI 0512351839		Asset Team		Production Tree Location Land		
Original RKB Elevation (ft) 4,972.00		Original KB to Ground (ft) 29.00		Original Spud Date 3/5/2023		Abandon Date
Range			Well Sub-Status PW		High Pressure N	
Directions To Well CR 55 & CR 20, N 1, W 6/10, S INTO				Latitude (°) 40.144108872		Longitude (°) -104.550485489
Comment THERE IS AN ALTERNATIVE LOGGING PROGRAM POSTED ON THE PERMIT FOR GIG-EM STATE Y9-730 Doc #4403008823: 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		
3/19/2023	17,297	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		2,066.0	
PRODUCTION		8 1/2	2,066.0		17,325.0	
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	2/3/2023	26	125.00	X-56	29	109
Surface, Planned?-N, 2056.3ftKB						
Casing Description	Run Date	OD (in)	Wt/Len (lb/ft)	Grade	Top Depth (M)	Set Depth (M)
Surface	3/5/2023	9 5/8	36.00	J-55	29	2056.3
Production Casing, Planned?-N, 17316.3ftKB						
Casing Description	Run Date	OD (in)	Wt/Len (lb/ft)	Grade	Top Depth (M)	Set Depth (M)
Production Casing	3/19/2023	5 1/2	17.00	P-110	29	17316.3
Cement						
Des		Start Date	Top (ftKB)		Btm (ftKB)	
Conductor Cement		2/3/2023	29.0		109.0	
Surface cement job		3/5/2023	29.0		2,056.3	
Production Casing Cement		3/19/2023	1,066.0		17,233.0	
Proposed Cement						
Des		Top (ftKB)		Btm (ftKB)		
Tubing Strings						
Tubing Description	Run Date	String Make	ID (in)	Wt (lb/ft)	Grade	Len (ft)
TUBING - PRODUCTION						
Other In Hole						
Run Date	Des		Make	OD (in)	Top (ftKB)	Btm (ftKB)
5/6/2023	Composite Flow Through Plug		9 Energy	4.57	17,064.0	17,066.0
5/6/2023	Composite Flow Through Plug		9 Energy	4.57	16,852.0	16,854.0
5/7/2023	Composite Flow Through Plug		9 Energy	4.57	16,644.0	16,646.0



Wellbore Schematic Input Report

Well Name: GIG-EM STATE Y9-730

Land, Original Hole, 5/9/2023 11:55:53 AM



Run Date	Des	Make	OD (in)	Top (ftKB)	Btm (ftKB)
5/7/2023	Composite Flow Through Plug	9 Energy	4.57	16,434.0	16,436.0
5/7/2023	Composite Flow Through Plug	9 Energy	4.57	16,225.0	16,227.0
5/8/2023	Composite Flow Through Plug	9 Energy	4.57	16,015.0	16,017.0
5/8/2023	Composite Flow Through Plug	9 Energy	4.57	15,808.0	15,810.0
5/8/2023	Composite Flow Through Plug	9 Energy	4.57	15,595.0	15,597.0
5/9/2023	Composite Flow Through Plug	9 Energy	4.57	15,385.0	15,387.0

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

Logs				
Date	Type	Depth Top (MD) (ftKB)	Btm (ftKB)	
3/16/2023	Logging While Drilling (LWD)	29	17,312.0	

Perforation Data				
Linked Zone	Sum of Entered Shot Total	Top (ftKB)	Btm (ftKB)	Date
	0			
NIOBRARA, Original Hole	4	15,191.0	15,192.0	5/9/2023
NIOBRARA, Original Hole	4	15,220.0	15,221.0	5/9/2023
NIOBRARA, Original Hole	4	15,253.0	15,254.0	5/9/2023
NIOBRARA, Original Hole	4	15,280.0	15,281.0	5/9/2023
NIOBRARA, Original Hole	4	15,310.0	15,311.0	5/9/2023
NIOBRARA, Original Hole	4	15,340.0	15,341.0	5/9/2023
NIOBRARA, Original Hole	4	15,373.0	15,374.0	5/9/2023
NIOBRARA, Original Hole	4	15,401.0	15,402.0	5/8/2023
NIOBRARA, Original Hole	4	15,430.0	15,431.0	5/8/2023
NIOBRARA, Original Hole	4	15,463.0	15,464.0	5/8/2023
NIOBRARA, Original Hole	4	15,490.0	15,491.0	5/8/2023
NIOBRARA, Original Hole	4	15,520.0	15,521.0	5/8/2023
NIOBRARA, Original Hole	4	15,550.0	15,551.0	5/8/2023
NIOBRARA, Original Hole	4	15,580.0	15,581.0	5/8/2023
NIOBRARA, Original Hole	4	15,611.0	15,612.0	5/8/2023
NIOBRARA, Original Hole	4	15,640.0	15,641.0	5/8/2023
NIOBRARA, Original Hole	4	15,670.0	15,671.0	5/8/2023
NIOBRARA, Original Hole	4	15,700.0	15,701.0	5/8/2023
NIOBRARA, Original Hole	4	15,730.0	15,731.0	5/8/2023
NIOBRARA, Original Hole	4	15,758.0	15,759.0	5/8/2023
NIOBRARA, Original Hole	4	15,790.0	15,791.0	5/8/2023
NIOBRARA, Original Hole	4	15,821.0	15,822.0	5/8/2023
NIOBRARA, Original Hole	4	15,852.0	15,853.0	5/8/2023
NIOBRARA, Original Hole	4	15,880.0	15,881.0	5/8/2023
NIOBRARA, Original Hole	4	15,910.0	15,911.0	5/8/2023
NIOBRARA, Original Hole	4	15,940.0	15,941.0	5/8/2023
NIOBRARA, Original Hole	4	15,970.0	15,971.0	5/8/2023
NIOBRARA, Original Hole	4	16,000.0	16,001.0	5/8/2023
NIOBRARA, Original Hole	4	16,031.0	16,032.0	5/7/2023
NIOBRARA, Original Hole	4	16,060.0	16,061.0	5/7/2023
NIOBRARA, Original Hole	4	16,090.0	16,091.0	5/7/2023
NIOBRARA, Original Hole	4	16,120.0	16,121.0	5/7/2023
NIOBRARA, Original Hole	4	16,150.0	16,151.0	5/7/2023
NIOBRARA, Original Hole	4	16,180.0	16,181.0	5/7/2023
NIOBRARA, Original Hole	4	16,210.0	16,211.0	5/7/2023
NIOBRARA, Original Hole	4	16,240.0	16,241.0	5/7/2023
NIOBRARA, Original Hole	4	16,269.0	16,270.0	5/7/2023
NIOBRARA, Original Hole	4	16,299.0	16,300.0	5/7/2023
NIOBRARA, Original Hole	4	16,328.0	16,329.0	5/7/2023
NIOBRARA, Original Hole	4	16,353.0	16,354.0	5/7/2023
NIOBRARA, Original Hole	4	16,383.0	16,384.0	5/7/2023
NIOBRARA, Original Hole	4	16,416.0	16,417.0	5/7/2023
NIOBRARA, Original Hole	4	16,450.0	16,451.0	5/7/2023
NIOBRARA, Original Hole	4	16,479.0	16,480.0	5/7/2023
NIOBRARA, Original Hole	4	16,513.0	16,514.0	5/7/2023



Wellbore Schematic Input Report

Well Name: GIG-EM STATE Y9-730

Land, Original Hole, 5/9/2023 11:55:53 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: 29-29.6; 5 1/2; 17.00; P-110; 3/19/2023	NIOBRARA, Original Hole	4	16,539.0	16,540.0	5/7/2023
2,035.1	Casing Hanger: 29-36; 9 5/8; 36.00; J-55; 3/5/2023	NIOBRARA, Original Hole	4	16,569.0	16,570.0	5/7/2023
2,065.9	Conductor Cement: 29-109; 2/3/2023; All Additives pumped	NIOBRARA, Original Hole	4	16,599.0	16,600.0	5/7/2023
	Casing Joint: 29-109; 26; 125.00; X-56; 2/3/2023	NIOBRARA, Original Hole	4	16,629.0	16,630.0	5/7/2023
	Conductor: 29-109; 26; 125.00; X-56; 2/3/2023; SET DEPTH PER SUNDY or PERMIT IF NO SUNDY	NIOBRARA, Original Hole	4	16,629.0	16,630.0	5/7/2023
8,334.0	Casing Joints: 36-2009.8; 9 5/8; 36.00; J-55; 3/5/2023	NIOBRARA, Original Hole	4	16,660.0	16,661.0	5/6/2023
14,020.0	Casing Joint: 29-6-2035; 5 1/2; 17.00; P-110; 3/19/2023	NIOBRARA, Original Hole	4	16,660.0	16,661.0	5/6/2023
15,221.1	Surface cement job: 29-2056.3; 3/5/2023; Success	NIOBRARA, Original Hole	4	16,689.0	16,690.0	5/6/2023
15,280.8	Float Collar: 2009.8-2010.8; 9 5/8; 36.00; J-55; 3/5/2023	NIOBRARA, Original Hole	4	16,689.0	16,690.0	5/6/2023
15,340.9	Casing Joints: 2010.8-2054.9; 9 5/8; 36.00; J-55; 3/5/2023	NIOBRARA, Original Hole	4	16,719.0	16,720.0	5/6/2023
15,387.1	Marker Joint: 2035-2045.2; 5 1/2; 17.00; P-110; 3/19/2023	NIOBRARA, Original Hole	4	16,719.0	16,720.0	5/6/2023
15,431.1	Guide Shoe: 2054.9-2056.3; 9 5/8; 36.00; J-55; 3/5/2023	NIOBRARA, Original Hole	4	16,749.0	16,750.0	5/6/2023
15,491.1	Surface: 29-2056.3; 9 5/8; 36.00; J-55; 3/5/2023; SET DEPTH PER SUNDY or PERMIT IF NO SUNDY	NIOBRARA, Original Hole	4	16,749.0	16,750.0	5/6/2023
15,550.9	Casing Joint: 2045.2-6365.2; 5 1/2; 17.00; P-110; 3/19/2023	NIOBRARA, Original Hole	4	16,779.0	16,780.0	5/6/2023
15,597.1	Marker Joint: 6365.2-6385; 5 1/2; 17.00; P-110; 3/19/2023	NIOBRARA, Original Hole	4	16,779.0	16,780.0	5/6/2023
15,641.1	Casing Joint: 6385-6392.5; 5 1/2; 17.00; P-110; 3/19/2023	NIOBRARA, Original Hole	4	16,808.0	16,809.0	5/6/2023
15,701.1	Marker Joint: 6392.5-8332.1; 5 1/2; 17.00; P-110; 3/19/2023	NIOBRARA, Original Hole	4	16,808.0	16,809.0	5/6/2023
15,758.9	Air Lock Sub: 8332-8334.1; 5 1/2; 17.00; P-110; 3/19/2023	NIOBRARA, Original Hole	4	16,839.0	16,840.0	5/6/2023
15,810.0	Production Casing Cement: 1066-17233; 3/19/2023	NIOBRARA, Original Hole	4	16,839.0	16,840.0	5/6/2023
15,853.0	Casing Joint: 8334.1-10660.6; 5 1/2; 17.00; P-110; 3/19/2023	NIOBRARA, Original Hole	4	16,870.0	16,871.0	5/6/2023
15,911.1	Marker Joint: 10660.6-10680.4; 5 1/2; 17.00; P-110; 3/19/2023	NIOBRARA, Original Hole	4	16,870.0	16,871.0	5/6/2023
15,971.1	Casing Joint: 10680.4-14000.1; 5 1/2; 17.00; P-110; 3/19/2023	NIOBRARA, Original Hole	4	16,899.0	16,900.0	5/6/2023
16,017.1	Marker Joint: 14000.1-14019.9; 5 1/2; 17.00; P-110; 3/19/2023	NIOBRARA, Original Hole	4	16,899.0	16,900.0	5/6/2023
16,061.0	Perforated: 15191-15192; 5/9/2023; Perf	NIOBRARA, Original Hole	4	16,929.0	16,930.0	5/6/2023
16,121.1	Perforated: 15220-15221; 5/9/2023; Perf	NIOBRARA, Original Hole	4	16,929.0	16,930.0	5/6/2023
16,181.1	Perforated: 15253-15254; 5/9/2023; Perf	NIOBRARA, Original Hole	4	16,959.0	16,960.0	5/6/2023
16,227.0	Perforated: 15280-15281; 5/9/2023; Perf	NIOBRARA, Original Hole	4	16,959.0	16,960.0	5/6/2023
16,270.0	Perforated: 15310-15311; 5/9/2023; Perf	NIOBRARA, Original Hole	4	16,989.0	16,990.0	5/6/2023
16,329.1	Perforated: 15340-15341; 5/9/2023; Perf	NIOBRARA, Original Hole	4	16,989.0	16,990.0	5/6/2023
16,383.9	Perforated: 15373-15374; 5/9/2023; Perf	NIOBRARA, Original Hole	4	17,019.0	17,020.0	5/6/2023
16,436.0	Composite Flow Through Plug; 15385-15387; 5/9/2023	NIOBRARA, Original Hole	4	17,019.0	17,020.0	5/6/2023
16,480.0	Perforated: 15401-15402; 5/8/2023; Perf	NIOBRARA, Original Hole	4	17,049.0	17,050.0	5/6/2023
16,540.0	Perforated: 15430-15431; 5/8/2023; Perf	NIOBRARA, Original Hole	4	17,049.0	17,050.0	5/6/2023
16,600.1	Perforated: 15463-15464; 5/8/2023; Perf	NIOBRARA, Original Hole	4	17,080.0	17,081.0	4/20/2023
16,646.0	Perforated: 15490-15491; 5/8/2023; Perf	NIOBRARA, Original Hole	4	17,080.0	17,081.0	4/20/2023
16,690.0	Perforated: 15520-15521; 5/8/2023; Perf	NIOBRARA, Original Hole	4	17,109.0	17,110.0	4/20/2023
16,750.0	Perforated: 15550-15551; 5/8/2023; Perf	NIOBRARA, Original Hole	4	17,109.0	17,110.0	4/20/2023
16,809.1	Perforated: 15580-15581; 5/8/2023; Perf	NIOBRARA, Original Hole	4	17,139.0	17,140.0	4/20/2023
16,854.0	Composite Flow Through Plug; 15595-15597; 5/8/2023	NIOBRARA, Original Hole	4	17,139.0	17,140.0	4/20/2023
16,899.9	Perforated: 15611-15612; 5/8/2023; Perf	NIOBRARA, Original Hole	4	17,169.0	17,170.0	4/20/2023
16,960.0	Perforated: 15640-15641; 5/8/2023; Perf	NIOBRARA, Original Hole	4	17,169.0	17,170.0	4/20/2023
17,020.0	Casing Joint: 14019.9-17276.8; 5 1/2; 17.00; P-110; 3/19/2023	NIOBRARA, Original Hole	4	17,199.0	17,200.0	4/20/2023
17,065.9	Perforated: 15670-15671; 5/8/2023; Perf	NIOBRARA, Original Hole	4	17,199.0	17,200.0	4/20/2023
17,109.9	Perforated: 15700-15701; 5/8/2023; Perf	NIOBRARA, Original Hole	4	17,229.0	17,230.0	4/20/2023
17,169.9	Perforated: 15730-15731; 5/8/2023; Perf	NIOBRARA, Original Hole	4	17,229.0	17,230.0	4/20/2023
17,230.0	Perforated: 15758-15759; 5/8/2023; Perf	NIOBRARA, Original Hole	4	17,229.0	17,230.0	4/20/2023
17,276.9	Perforated: 15790-15791; 5/8/2023; Perf	NIOBRARA, Original Hole	4	17,259.0	17,260.0	4/20/2023
17,313.0	Composite Flow Through Plug; 15808-15810; 5/8/2023	NIOBRARA, Original Hole	4	17,259.0	17,260.0	4/20/2023
	Perforated: 15821-15822; 5/8/2023; Perf					
	Perforated: 15852-15853; 5/8/2023; Perf					
	Perforated: 15880-15881; 5/8/2023; Perf					
	Perforated: 15910-15911; 5/8/2023; Perf					
	Perforated: 15940-15941; 5/8/2023; Perf					
	Perforated: 15970-15971; 5/8/2023; Perf					
	Composite Flow Through Plug; 16000-16001; 5/8/2023					
	Perforated: 16031-16032; 5/7/2023; Perf					
	Perforated: 16060-16061; 5/7/2023; Perf					
	Perforated: 16090-16091; 5/7/2023; Perf					
	Perforated: 16120-16121; 5/7/2023; Perf					
	Perforated: 16150-16151; 5/7/2023; Perf					
	Perforated: 16180-16181; 5/7/2023; Perf					
	Perforated: 16210-16211; 5/7/2023; Perf					
	Composite Flow Through Plug; 16225-16227; 5/7/2023					
	Perforated: 16240-16241; 5/7/2023; Perf					
	Perforated: 16269-16270; 5/7/2023; Perf					
	Perforated: 16299-16300; 5/7/2023; Perf					
	Perforated: 16328-16329; 5/7/2023; Perf					
	Perforated: 16353-16354; 5/7/2023; Perf					
	Perforated: 16383-16384; 5/7/2023; Perf					
	Perforated: 16416-16417; 5/7/2023; Perf					
	Composite Flow Through Plug; 16434-16436; 5/7/2023					
	Perforated: 16450-16451; 5/7/2023; Perf					
	Perforated: 16479-16480; 5/7/2023; Perf					
	Perforated: 16513-16514; 5/7/2023; Perf					
	Perforated: 16539-16540; 5/7/2023; Perf					
	Perforated: 16569-16570; 5/7/2023; Perf					
	Perforated: 16599-16600; 5/7/2023; Perf					
	Perforated: 16629-16630; 5/7/2023; Perf					
	Composite Flow Through Plug; 16644-16646; 5/7/2023					
	Perforated: 16660-16661; 5/6/2023; Perf					
	Perforated: 16689-16690; 5/6/2023; Perf					
	Perforated: 16719-16720; 5/6/2023; Perf					
	Perforated: 16749-16750; 5/6/2023; Perf					
	Perforated: 16779-16780; 5/6/2023; Perf					
	Perforated: 16808-16809; 5/6/2023; Perf					
	Perforated: 16839-16840; 5/6/2023; Perf					
	Composite Flow Through Plug; 16852-16854; 5/6/2023					
	Perforated: 16870-16871; 5/6/2023; Perf					
	Perforated: 16899-16900; 5/6/2023; Perf					
	Perforated: 16929-16930; 5/6/2023; Perf					
	Perforated: 16959-16960; 5/6/2023; Perf					
	Perforated: 16989-16990; 5/6/2023; Perf					
	Perforated: 17019-17020; 5/6/2023; Perf					
	Perforated: 17049-17050; 5/6/2023; Perf					
	Composite Flow Through Plug; 17064-17066; 5/6/2023					
	Perforated: 17080-17081; 4/20/2023; Perf					
	Perforated: 17109-17110; 4/20/2023; Perf					
	Perforated: 17139-17140; 4/20/2023; Perf					
	Perforated: 17169-17170; 4/20/2023; Perf					
	Perforated: 17199-17200; 4/20/2023; Perf					
	Perforated: 17229-17230; 4/20/2023; Perf					
	Perforated: 17259-17260; 4/20/2023; Perf					
	Cross Over: 17276.8-17296.6; 5 1/2; 17.00; P-110; 3/19/2023					
	Ball Seat: 17296.6-17299; 5 1/2; 17.00; P-110; 3/19/2023					
	Casing Joint: 17299-17309.3; 5 1/2; 17.00; P-110; 3/19/2023					
	Float Collar: 17309.3-17313; 5 1/2; 17.00; P-110; 3/19/2023					
	Guide Shoe: 17313-17316.3; 5 1/2; 17.00; M-75; 3/19/2023					
	Production Casing: 29-17316.3; 5 1/2; 17.00; M-75; P-110; 3/19/2023; SET DEPTH PER SUNDY or PERMIT IF NO SUNDY					

Job Supply Amounts						
Supply Item Des	Job Supply Type	Unit	Job Category	Total Req	Total Co	Total Ret

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