



178.Daily Partner Report
UL 20 GOLD SPOON 2904H

Report Date: 5/26/2023
Report #: 18
Actual Days: 16.50

Well Info

API / UWI 4230136072	Region / Division DELAWARE BASIN	District DELAWARE BASIN SOUTH	Field Name PRIMARY	Original Spud Date 11/6/2022
County LOVING	State/Province TEXAS	Original KB/RT Elevation (ft) 2,808.80	Ground Elevation (ft) 2,776.80	

Job Summary

Job Category DRILLING	Last Casing String Surface, 1,174.0ftKB	AFE Dur Total (days) 15.39	Total AFE (Cost) 3,842,178.53	Cumulative Cost (Cost) 2,596,280.55
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Daily Ops Summary

Rig (Names) NABORS DRILLING NABORS X04	Wellbore Original Hole	End Depth (ftKB) 12,000.0	Depth Progress (ft) 132.00	Daily Cost Total (Cost) 126,257.90
Weather	Hole Condition GOOD	Drilling Hours (hr) 8.25	Avg ROP (ft/hr) 16.0	Cum TL Days from Spud (...) 11.04

Ops and Depth @ Morning Report

TIH WITH 6-3/4" CURVE ASSEMBLY @ 8,275'. WELL DEPTH @ 12,000'.

Last 24hr Summary

TIH WITH 6 3/4" TRI CONE CURVE ASSEMBLY F/4,650' T/10,959', SET RCD, TIH T/11,868', CONTINUE BUILDING 6-3/4" CURVE FROM 11,868' TO 12,000'. OBSERVED ASSEMBLY NOT ACHIEVING PROPER BUILD RATES. (DECISION MADE TO TOH & PICK UP HIGHER BEND MOTOR). CIRCULATE BOTTOMS UP. TOH TO SURFACE. LAY DOWN BHA & MAKE UP NEW 6-3/4" CURVE ASSEMBLY. TIH TO 8,275'.

CUTTINGS HAULED OFF: 2

TOTAL CUTTINGS HAULED OFF: 31

24hr Forecast

CONTINUE TIH WITH 6-3/4" CURVE ASSEMBLY. SLIP & CUT DRILL LINE @ SHOE. 11,358'. TIH WITH ASSEMBLY TO 12,000'. CONTINUE BUILDING 6-3/4" CURVE.

Time Log

Start Time	End Time	Dur (hr)	Phase	Op Code	Activity Code	Time P-T-X	Start Depth (ftKB)	End Depth (ftKB)	Operation
06:00	08:00	2.00	PROD1	DRILL	TRIP	T	11,868.0	11,868.0	TIH WITH 6-3/4" TRI CONE CURVE ASSEMBLY F/4,650' T/10,959'.
08:00	08:15	0.25	PROD1	DRILL	MPDA	T	11,868.0	11,868.0	TIH WITH 6-3/4" CURVE ASSEMBLY TO 4,650'.
08:15	09:00	0.75	PROD1	DRILL	TRIP	T	11,868.0	11,868.0	TIH WITH 6-3/4" CURVE ASSEMBLY F/11,455'.
09:00	09:15	0.25	PROD1	DRILL	SRVY	T	11,868.0	11,868.0	HIGH SIDE TF AND TEST MWD.
09:15	10:00	0.75	PROD1	DRILL	TRIP	T	11,868.0	11,868.0	TIH F/11,455'. T/11,868'
10:00	18:15	8.25	PROD1	DRILL	DDRL	P	11,868.0	12,000.0	SLIDE 6 3/4" CURVE (TRI CONE BIT) F/ 11,868' T/ 12,000'. (132' @ 16 FPH) WOB 25K, DIFF 200-300, GPM 270, MMRPM 214, OFF BTM PSI 3400, SPP 3,700 PSI, TFR -20°.
18:15	19:45	1.50	PROD1	DRILL	CIRC	T	12,000.0	12,000.0	CIRCULATE BOTTOMS UP.
19:45	20:00	0.25	PROD1	DRILL	TRIP	T	12,000.0	12,000.0	TOH WITH 6-3/4" CURVE ASSEMBLY FROM 12,000' T 11,350'.
20:00	20:15	0.25	PROD1	DRILL	OWFF	T	12,000.0	12,000.0	FLOW CHECK WELL. (STATIC). PUMP SLUG.
20:15	20:45	0.50	PROD1	DRILL	RURD	T	12,000.0	12,000.0	PULL ROATING HEAD & INSTALL TRIP NIPPLE.
20:45	23:45	3.00	PROD1	DRILL	TRIP	T	12,000.0	12,000.0	TOH WITH 6-3/4" CURVE ASSEMBLY FROM 11,350' TO 103'.
23:45	00:00	0.25	PROD1	DRILL	RURD	T	12,000.0	12,000.0	RIG DOWN MUD BUCKET. HOLD PRE-JOB SAFETY MEETING WITH CREW.
00:00	00:30	0.50	PROD1	DRILL	BHAH	T	12,000.0	12,000.0	LAY DOWN FLOAT SUB AND TOP MONEL. PULL MWD TOOL. PICK UP & DRAIN MUD MOTOR. (GOOD). REMOVE BIT. BREAK OUT UBHO & TOOL CARRIER. LAY DOWN MUD MOTOR.
00:30	00:45	0.25	PROD1	DRILL	BHAH	T	12,000.0	12,000.0	PICK UP NEW MUD MOTOR. MAKE UP UBHO & TOOL CARRIER TO SAME.
00:45	02:00	1.25	PROD1	DRILL	BHAH	T	12,000.0	12,000.0	ADJUST MUD MOTOR TO 2.7" IN ROTARY.
02:00	02:15	0.25	PROD1	DRILL	BHAH	T	12,000.0	12,000.0	MAKE UP 6-3/4" TRI-CONE BIT. MAKE UP MONEL & FLOAT SUB TO TOOL CARRIER. MAKE UP FIRST STAND FROM DERRICK WITH ACCEL GLIDE TO ASSEMBLY.
02:15	02:30	0.25	PROD1	DRILL	CIRC	T	12,000.0	12,000.0	SHALLOW TEST MWD @ 220 GPM. (GOOD).
02:30	03:00	0.50	PROD1	DRILL	TRIP	T	12,000.0	12,000.0	TIH WITH 6-3/4" CURVE ASSEMBLY FROM 99' TO 1,920'.
03:00	03:15	0.25	PROD1	DRILL	CIRC	T	12,000.0	12,000.0	FILL DRILL PIPE WITH OBM.
03:15	04:00	0.75	PROD1	DRILL	TRIP	T	12,000.0	12,000.0	TIH WITH 6-3/4" CURVE ASSEMBLY FROM 1,920' TO 4,650'.
04:00	04:15	0.25	PROD1	DRILL	CIRC	T	12,000.0	12,000.0	FILL PIPE WITH OBM.
04:15	04:45	0.50	PROD1	DRILL	SVRG	T	12,000.0	12,000.0	SERVICE RIG.
04:45	06:00	1.25	PROD1	DRILL	TRIP	T	12,000.0	12,000.0	TIH WITH 6-3/4" CURVE ASSEMBLY FROM 4,650' TO 8,275'.

Head Count / Manhours

Company	Function	Personnel Type	Count	Time (hr)	Tot Work Time (hr)
NABORS DRILLING TECHNOLOGIES USA	RIG CREW	CONTRACTOR	12		0.00
NABORS DRILLING TECHNOLOGIES USA	TOOL PUSHER/RIG MGR	CONTRACTOR	2		0.00
CONOCOPHILLIPS CO	ONSITE SUPERVISOR	EMPLOYEE	2		0.00
HALLIBURTON ENERGY SVCS INC	SOLIDS CONTROL EQUIP/PERSONNEL	CONTRACTOR	2		0.00
TOLEDO MUDLOGGING SERVICES, INC	GEOLOGIST	CONTRACTOR	2		0.00








Head Count / Manhours

Company	Function	Personnel Type	Count	Time (hr)	Tot Work Time (hr)
GORDON TECHNOLOGIES, LLC	DD/MWD	CONTRACTOR	1		0.00
CONOCOPHILLIPS CO	DD/MWD	CONTRACTOR	2		0.00
AES DRILLING FLUIDS	MUD/CHEMICAL PERSONNEL	CONTRACTOR	1		0.00








Survey Data

Date	Des	Survey Company
11/4/2022	GYRO/MWD	Scientific Drilling













Drill Bits

Type	Icon	Size (in)	Len (ft)	Make	Model	Used Class	1	2	3	4	SN	Depth Drilled Start (ft)	Start Hrs (hr)	Pass Dia (in)	Conn Sz (in)	Thread	Gauge Length (ft)	Note
PDC		14 3/4	1.50	REV	616	REC ONDITIONED	D	1	1	1	10035	120.00	0.00					
PDC		9 7/8	1.50	DRILFORMANC E	DF616	Reconditioned	S	4	2	3	45375	1,174.00						
PDC		8 3/4	1.00	NOV REED	TKC76-U2	Reconditioned	M	4	2	4	A293127	7,842.00						
PDC		6 3/4	1.00	BAKER HUGHES	DD306VTS	Reconditioned	S	2	3	3	5336587	11,378.00						
PDC		6 3/4	1.00	BAKER HUGHES	DD306WSX	Reconditioned	S	2	3	3	5343351							
Mill Tooth		6 3/4	1.00	SMITH	XR32TPS	New	D	1	1	1	RP8001							
Mill Tooth		6 3/4	1.00	BAKER HUGHES	STX-30	NEW	D	1	1	1	5342988							

Drill String Components

Item Des	Icon	OD (in)	ID (in)	Mass/Len (lb/ft)	Grade	Len (ft)	Jts	Type	Top Thread	Top Conn Sz (in)	Btm Thread	Btm Conn Sz (in)	Make	Model	SN	Mk-up Tq (ft*lb)	Tq Max (ft*lb)
INTEGRITY MOTOR 8" 7/8 4.0 1.83 ° ABH		7 3/4	3.00	149.90		29.16	1	Mud Motor	Reg	6 5/8	Reg	6 5/8	* ADD A VENDOR		INT 775 -006		
INTEGRITY MOTOR 8" 7/8 4.0 1.83 ° ABH		7 3/4	3.00	149.90		29.16	1	Mud Motor	Reg	6 5/8	Reg	6 5/8	* ADD A VENDOR		INT 775 -006		
UBHO SUB		8	3.63	150.00	S135	2.31	1	MWD	REG	6 5/8	REG	6 5/8	* ADD A VENDOR		GT800 S-213		
8" 7/8 5.9 FBH @ 1.75° W/ 9 3/8" NBS		8	0.00	150.00	S135	36.36	1	Mud Motor	REG	6 5/8	REG	6 5/8	* ADD A VENDOR		XSH80 046		
6 1/2" TOOL CARRIER		6.56	3.25	84.60	S135	31.16	1	MWD	IF	4 1/2	IF	4 1/2	* ADD A VENDOR		675482		
6 1/2" UBHO		6.44	3.13	84.60	S135	2.89	1	MWD	IF	4 1/2	IF	4 1/2	* ADD A VENDOR		GT650 A-355		
7 1/4" PHOENIX MOTOR 7/8 8.59 FBH W/8 1/4" NBS @ 1.75°		7	0.00	117.30	S135	34.71	1	Mud Motor	IF	4 1/2	REG	4 1/2	* ADD A VENDOR		PHX72 5024		

Drill String Components

Item Des	Icon	OD (in)	ID (in)	Mass/Len (lb/ft)	Grade	Len (ft)	Jts	Type	Top Thread	Top Conn Sz (in)	Btm Thread	Btm Conn Sz (in)	Make	Model	SN	Mk-up Tq (ft*lb)	Tq Max (ft*lb)
5" NM TOOL CARRIER		5.27	2.88	67.20		31.50	1	MWD	XT39	4	XT39	4	GORDON		B&A 52511		
5" UBHO HIGH FLOW		5.19	2.25	67.20		2.70	1	MWD	XT39	4	XT39	4	GORDON		GT525-020B		
IBEX 5.5" 6/7-8.8 FBH @ 1.83° TS		5.52	2.00	80.00		35.06	1	Mud Motor	XT39	4	NC40	4	* ADD A VENDOR		550-IB-009		
5" TOOL CARRIER		5.19	2.81	51.50	S135	31.50	1	MWD	XT39	4	XT40	4	* ADD A VENDOR		54583		
5" UBHO		5.19	2.25	58.50	S135	2.70	1	MWD	XT40	4	XT39	4	* ADD A VENDOR		GT-525-009C		
5" MOTOR - 6/7 8.0 FBH @ 1.83° W/6.125" NBS		5	0.00	66.80	S135	29.23	1	Mud Motor	XT39	4	REG	3 1/2	* ADD A VENDOR		RVEN-50290		
5" TOOL CARRIER		5.19	2.81	51.50	S135	31.50	1	MWD	XT39	4	XT40	4	* ADD A VENDOR		54583		
5" UBHO		5.19	2.25	58.50	S135	2.70	1	MWD	XT40	4	XT39	4	* ADD A VENDOR		GT-525-009C		
5" MOTOR - 6/7 8.0 FBH @ 1.83° W/6.125" NBS		5	0.00	66.80	S135	29.23	1	Mud Motor	XT39	4	REG	3 1/2	* ADD A VENDOR		RVEN-50290		
5" TOOL CARRIER		5.19	2.81	51.50	S135	31.50	1	MWD	XT39	4	XT40	4	* ADD A VENDOR		54583		
5" UBHO		5.19	2.25	58.50	S135	3.50	1	MWD	XT40	4	XT39	4	* ADD A VENDOR		GT-525-210		
5" MOTOR - 7/8 5.0 ADJ @ 2.70° TRUE SLICK		5	0.00	66.80	S135	24.07	1	Mud Motor	XT39	4	REG	3 1/2	* ADD A VENDOR		XSS500 60		

Drilling Parameters

Start Depth (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Drilling Time (hr)	Sliding Time (hr)	Int ROP (ft/hr)	Flow Rate (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Tq	TFO (°)	dP (SPP) (psi)
11,868.0	12,000.0	132.00	8.25	8.25	16.0	270	25	0				

Casing Strings

Csg Des	OD (in)	Set Depth (ftKB)	Top (ftKB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	P LeakOff (psi)	Dens Fluid (lb/gal)
Conductor	20	120.0	32.0	10/26/2022	18.94	94.00		
Surface	10 3/4	1,174.0	32.0	11/9/2022	9.88	45.50	1,008.6	16.54
Intermediate1	7 5/8	11,358.0	-4.7	5/21/2023		29.70		