



178.Daily Partner Report
UL 20 GOLD SPOON 2904H

Report Date: 5/25/2023
Report #: 17
Actual Days: 15.50

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) 2,470,022.65
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Daily Ops Summary

Rig (Names) NABORS DRILLING NABORS X04	Wellbore Original Hole	End Depth (ftKB) 11,868.0	Depth Progress (ft) 208.00	Daily Cost Total (Cost) 80,657.23
Weather	Hole Condition GOOD	Drilling Hours (hr) 5.00	Avg ROP (ft/hr) 41.6	Cum TL Days from Spud (...) 10.04

Ops and Depth @ Morning Report

TIH WITH 6-3/4" CURVE ASSEMBLY @ 4,650. WELL DEPTH @ 11,868'.

Last 24hr Summary

TOOH FOR LOW BUILD RATE F/11,368' T/5,200', RIG SERVICE, TOOH, CHANGE OUT BHA, TIH W/ 6 3/4" CURVE ASSEMBLY TO 11,660'. CONTINUE DRILLING 6-3/4" CURVE FROM 11,660' TO 11,868'. UNABLE TO GET PROPER BUILD RATES. CIRCULATE BOTTOMS UP & TOH TO SURFACE. CHANGE OUT BIT TO 3-1/2" TRI-CONE AND TIH WITH ASSEMBLY TO 4,650'.

CUTTINGS HAULED OFF: 0

TOTAL CUTTINGS HAULED OFF: 29

24hr Forecast

CONTINUE TIH WITH 6-3/4" CURVE ASSEMBLY. CONTINUE BUILDING CURVE FROM 11,868'.

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	06:15	0.25	PROD1	DRILL	CIRC	P	11,660.0	11,660.0	PUMP SLUG
06:15	07:45	1.50	PROD1	DRILL	TRIP	P	11,660.0	11,660.0	TOOH FOR BUILD RATE F/11,358' T/5,230' MONITOR HOLE FILL ON TRIP TANK
07:45	08:15	0.50	PROD1	DRILL	SVRG	P	11,660.0	11,660.0	RIG SERVICE
08:15	10:30	2.25	PROD1	DRILL	TRIP	P	11,660.0	11,660.0	TOOH FOR BUILD RATE F/5,230' T/ BHA MONITOR HOLE FILL ON TRIP TANK
10:30	10:45	0.25	PROD1	DRILL	SFTY	P	11,660.0	11,660.0	PJSM, DISCUSS HAZARDS OF HANDLING BHA
10:45	11:15	0.50	PROD1	DRILL	BHAH	P	11,660.0	11,660.0	PULL MWD TOOL, PULL UP AND DRAIN MOTOR (MOTOR DRAINED PROPERLY) BREAK OFF BIT 6 3/4" BAKER DD306VTWS HAD ONE DEPTH LIMITER MISSING AND ONE ROW HAD GAUGE CUTTTER CHIPPED. THIS WAS A CURVE LATERAL COMBINATION BIT. POOR TOOLFACE CONTROL
11:15	12:15	1.00	PROD1	DRILL	BHAH	P	11,660.0	11,660.0	P/U RIVAL 5" 6/7 8.0 FXD @ 1.83 W/6 1/8" NBS AND BAKER DD306WSX, SCRIBE, P/U TOP MONEL AND MWD TOOL
12:15	12:30	0.25	PROD1	DRILL	CIRC	P	11,660.0	11,660.0	SURFACE TEST MWD
12:30	16:00	3.50	PROD1	DRILL	TRIP	P	11,660.0	11,660.0	RIH 6 3/4" CURVE ASSEMBLY F/BHA T/11,000' FILLING PIPE EVERY 30 STANDS
16:00	16:15	0.25	PROD1	DRILL	MPDA	P	11,660.0	11,660.0	INSTALL RCD
16:15	16:30	0.25	PROD1	DRILL	TRIP	P	11,660.0	11,660.0	RIH 6 3/4" CURVE ASSEMBLY F/11,000' T/11,635'
16:30	17:00	0.50	PROD1	DRILL	WASH	P	11,660.0	11,660.0	HIGH SIDE MOTOR AND WASH F/11,635' T/11,660'
17:00	22:00	5.00	PROD1	DRILL	DDRL	P	11,660.0	11,868.0	SLIDE 6 3/4" CURVE F/ 11,660' T/ 11,868'. (208' @ 41 FPH) WOB 25K, DIFF 625, GPM 345, MMRPM 272, OFF BTM PSI 4925, SPP 5,550 PSI, MTF 345°.
22:00	23:15	1.25	PROD1	DRILL	CIRC	P	11,868.0	11,868.0	CIRCULATE BOTTOMS UP AND PREPARE SLUG TO TOH.
23:15	23:30	0.25	PROD1	DRILL	TRIP	P	11,868.0	11,868.0	TOH WITH 6-3/4" CURVE ASSEMBLY FROM 11,868' TO 11,353'.
23:30	23:45	0.25	PROD1	DRILL	OWFF	P	11,868.0	11,868.0	FLOW CHECK WELL. (STATIC).
23:45	00:00	0.25	PROD1	DRILL	CIRC	P	11,868.0	11,868.0	PUMP SLUG.
00:00	00:30	0.50	PROD1	DRILL	RURD	P	11,868.0	11,868.0	PULL ROTATING HEAD & INSTALL TRIP NIPPLE.
00:30	03:30	3.00	PROD1	DRILL	TRIP	P	11,868.0	11,868.0	TOH WITH 6-3/4" CURVE ASSEMBLY FROM 11,353' TO SURFACE.
03:30	04:00	0.50	PROD1	DRILL	RURD	P	11,868.0	11,868.0	RIG DOWN MUD BUCKET. CLEAN FLOOR. HOLD TOOL BOX TALK WITH CREW.
04:00	04:15	0.25	PROD1	DRILL	BHAH	P	11,868.0	11,868.0	REMOVE 6-3/4" PDC BIT & INSTALL 6-3/4" TRI-CONE BIT.
04:15	06:00	1.75	PROD1	DRILL	TRIP	P	11,868.0	11,868.0	TIH WITH 6-3/4" CURVE ASSEMBLY TO 4,650'.

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







Head Count / Manhours

Company	Function	Personnel Type	Count	Time (hr)	Tot Work Time (hr)
TOLEDO MUDLOGGING SERVICES, INC	GEOLOGIST	CONTRACTOR	2		0.00
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	RECONDITIONED	D	1	1	1	10035	120.00	0.00					
PDC		9 7/8	1.50	DRILFORMANCE	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							

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		
5" NM TOOL CARRIER		5.27	2.88	67.20		31.50	1	MWD	XT39	4	XT39	4	GORDON		B&A 52511		

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" 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		

Drilling Parameters

Start Depth (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Drilling Time (hr)	Sliding Time (hr)	Int ROP (ft/hr)	Flow Rate (gpm) (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Tq	TFO (°)	dP (SPP) (psi)
11,660.0	11,868.0	208.00	5.00	5.00	41.6	250	10	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		