



178.Daily Partner Report  
UL 20 GOLD SPOON 2904H

Report Date: 5/24/2023  
Report #: 16  
Actual Days: 14.50

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) 2,387,475.42
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Daily Ops Summary

Rig (Names) NABORS DRILLING NABORS X04	Wellbore Original Hole	End Depth (ftKB) 11,660.0	Depth Progress (ft) 282.00	Daily Cost Total (Cost) 74,648.60
Weather	Hole Condition GOOD	Drilling Hours (hr) 12.25	Avg ROP (ft/hr) 23.0	Cum TL Days from Spud (...) 9.04

Ops and Depth @ Morning Report

FLOW CHECK WELL & PUMP SLUG. CONTINUE TOH. HOLE DEPTH @ 11,660'.

Last 24hr Summary

TIH 6 3/4" CURVE BHA F/3,800' T/ 11,267'. DRILL OUT FLOAT COLLAR, SHOE TRACK, SHOE, & 10' NEW FORMATION. CIRCULATE BOTTOMS UP. PERFORM FIT TO 2,645 PSI WITH 10.0 PPG FOR 14.5 EMW. DRILL 6-3/4" VERTICAL FROM 11,378' TO 11,435'. BEGIN BUILDING CURVE FROM 11,435' TO 11,660'. CIRCULATE BOTTOMS UP & PREPARE SLUG DUE TO LOW YIELD RATE WHILE BUILDING CURVE.

CUTTINGS HAULED OFF: 0

TOTAL CUTTINGS HAULED OFF: 29

24hr Forecast

CONTINUE TOH WITH 6-3/4" CURVE ASSEMBLY FROM 11,368 TO SURFACE. CHANGE OUT BIT & INSPECT MOTOR. TIH WITH 6-3/4" CURVE ASSEMBLY & CONTINUE BUILDING 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	06:30	0.50	INTRM1	WHDBOP	TRIP	P	11,378.0	11,378.0	TIH W/ 6 3/4" CURVE/LATERAL ASSEMBLY F/3,800' T/ 5,580'
06:30	07:00	0.50	INTRM1	WHDBOP	SVRG	P	11,378.0	11,378.0	RIG SERVICE, ADJUST SERVICE LOOP SECUREMENT
07:00	09:00	2.00	INTRM1	WHDBOP	TRIP	P	11,378.0	11,378.0	TIH W/ 6 3/4" CURVE/LATERAL ASSEMBLY F/ 5,580' T/10,586'
09:00	09:15	0.25	INTRM1	WHDBOP	MPDA	P	11,378.0	11,378.0	INSTALL RCD
09:15	10:00	0.75	INTRM1	WHDBOP	PULD	P	11,378.0	11,378.0	TIH, P/U DRILL PIPE FROM RACK F/10,750' T/ 11,267'
10:00	15:00	5.00	INTRM1	WHDBOP	COCF	P	11,378.0	11,378.0	DRILL OUT FLOAT COLLAR @ 11,267', DRILL OUT CEMENT AND 10' NEW FORMATION T/11,388'
15:00	16:00	1.00	INTRM1	WHDBOP	FIT	P	11,378.0	11,378.0	CIRCULATE B/U, FIT FOR 14.5 MWE 2,645 PSI WITH 10.0 PPG
16:00	16:15	0.25	INTRM1	WHDBOP	SFTY	P	11,378.0	11,378.0	PJSM, DISCUSS AND VERIFY VALVE ALIGNMENT FOR DISPLACING TO OBM
16:15	18:30	2.25	PROD1	DRILL	DRLG	P	11,378.0	11,435.0	DRILL 6 3/4" VERTICAL F/11,378' T/ 11,435' CONCURRENTLY DISPLACING 10.0 PPG BRINE WITH 12.8 PPG OBM  *** START 6-3/4 VERTICAL SECTION @ 11,378' ON 5/24/23 @ 16:15 HRS. END 6-3/4" VERTICAL SECTION @ 11,435' ON 5/24/23 @ 18:30HRS.
18:30	04:30	10.00	PROD1	DRILL	DDRL	P	11,435.0	11,660.0	SLIDE 6 3/4" CURVE F/ 11,435' T/ 11,660'. (225' @ 22 FPH) WOB 25K, DIFF 350, GPM 325, MMRPM 2142, OFF BTM SPP 4,650 PSI, MTF 345°.  **START 6 3/4" CURVE @ 11,435' MD ON 5/24/23 @ 18:30 HRS CST**
04:30	05:30	1.00	PROD1	DRILL	CIRC	P	11,660.0	11,660.0	CIRCULATE BOTTOMS UP & PREPARE TRIPPING SLUG DUE TO LOW YIELD RATE WHILE BUILDING CURVE.
05:30	06:00	0.50	PROD1	DRILL	TRIP	P	11,660.0	11,660.0	TOH WITH 6-3/4" CURVE ASSEMBLY FROM 11,660' TO 11,358'. FLOW CHECK WELL. (STATIC).





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
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 11/4/2022	Des GYRO/MWD	Survey Company Scientific Drilling
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### 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 ONDITION ED	D	1	1	1	10035	120.00	0.00					
PDC		9 7/8	1.50	DRILFO RMANC E	DF616	Reco nditio ned	S	4	2	3	45375	1,174.00						
PDC		8 3/4	1.00	NOV REED	TKC76-U2	Reco nditio ned	M	4	2	4	A293127	7,842.00						
PDC		6 3/4	1.00	BAKER HUGHE S	DD306VT WS	Reco nditio ned	S	2	3	3	5336587	11,378.00						

### 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 VENDO R		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 VENDO R		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 VENDO R		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 VENDO R		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 VENDO R		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 VENDO R		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 VENDO R		PHX72 5024		
5" NM TOOL CARRIER		5.27	2.88	67.20		31.50	1	MWD	XT39	4	XT39	4	GORD ON		B&A 52511		
5" UBHO HIGH FLOW		5.19	2.25	67.20		2.70	1	MWD	XT39	4	XT39	4	GORD ON		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 VENDO R		550-IB-009		

### 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)
11,378.0	11,660.0	282.00	12.25	10.00	23.0	385	10	25	6,100.0			

### 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		



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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)
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		