



178.Daily Partner Report
UL 20 GOLD SPOON 2904H

Report Date: 5/28/2023
Report #: 20
Actual Days: 18.50

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) 2,817,547.09
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Daily Ops Summary

Rig (Names) NABORS DRILLING NABORS X04	Wellbore Original Hole	End Depth (ftKB) 14,250.0	Depth Progress (ft) 2,110.00	Daily Cost Total (Cost) 99,461.44
Weather	Hole Condition GOOD	Drilling Hours (hr) 18.25	Avg ROP (ft/hr) 115.6	Cum TL Days from Spud (...) 13.04

Ops and Depth @ Morning Report

DRILLING 6 3/4" LATERAL @ 14,250

Last 24hr Summary

SURFACE TEST MWD, RIG SERVICE, TIH 6 3/4" CURVE ASSEMBLY, SET RCD, HIGH SIDE MOTOR, TIH T/12,140'. CONTINUE DRILLING 6 3/4" LATERAL FROM 12,140' TO 14,250'.

CUTTINGS HAULED OFF: 2

TOTAL CUTTINGS HAULED OFF: 33

24hr Forecast

CONTINUE DRILLING 6-3/4" LATERAL.

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	12,140.0	12,140.0	SURFACE TEST MWD
06:15	06:45	0.50	PROD1	DRILL	SVRG	P	12,140.0	12,140.0	RIG SERVICE. GREASE TM 80
06:45	11:00	4.25	PROD1	DRILL	TRIP	P	12,140.0	12,140.0	RIH W/6 3/4" LATERAL ASSEMBLY, P/U D-N-R, P/U AGITATOR (600 PSI DIFF) RIH T/11,380'
11:00	11:15	0.25	PROD1	DRILL	MPDA	P	12,140.0	12,140.0	INSTALL RCD
11:15	11:30	0.25	PROD1	DRILL	TRIP	P	12,140.0	12,140.0	HIGH SIDE TF AND RIH T/12,060'
11:30	11:45	0.25	PROD1	DRILL	WASH	P	12,140.0	12,140.0	WASH F/12,060' T/12,040'
11:45	12:30	0.75	PROD1	DRILL	DDRL	P	12,140.0	12,165.0	SLIDE 6 3/4" F/12,140' T/12,165'. (25' @ 33.3 FPH) WOB 25K, DIFF 440, GPM 380, MMRPM 250, SPP 6,350 PSI, TF 50° L.
12:30	14:00	1.50	PROD1	DRILL	DRLG	P	12,165.0	12,246.0	ROTATE DRILL 6 3/4" F/12,165' T/12,246'. (81' @ 54 FPH) WOB 35K, RPM 35 - 55, DIFF 750, GPM 350, MMRPM 230, SPP 6,200 PSI,
14:00	14:45	0.75	PROD1	DRILL	DDRL	P	12,246.0	12,287.0	SLIDE 6 3/4" F/12,246' T/12,287'. (41' @ 54.6 FPH) WOB 30K, DIFF 400, GPM 350, MMRPM 230, SPP 6,350 PSI, TF 120° L.
14:45	19:00	4.25	PROD1	DRILL	DRLG	P	12,287.0	12,868.0	ROTATE DRILL 6 3/4" F/12,287' T/12,868'. (581' @ FPH) WOB 35K, RPM 35 - 55, DIFF 750, GPM 350, MMRPM 230, SPP 6,200 PSI,
19:00	19:45	0.75	PROD1	DRILL	DDRL	P	12,868.0	12,903.0	SLIDE 6 3/4" F/12,868' T/12,905'. (37' @ 49.3 FPH) WOB 30K, DIFF 400, GPM 350, MMRPM 230, SPP 6,350 PSI, TF 120° L.
19:45	01:00	5.25	PROD1	DRILL	DRLG	P	12,903.0	13,780.0	ROTATE DRILL 6 3/4" F/12,903' T/13,780'. (877' @ 167 FPH) WOB 30K, RPM 70, DIFF 1000, GPM 320, MMRPM 212, SPP 5,600 PSI,
01:00	02:00	1.00	PROD1	DRILL	DDRL	P	13,780.0	13,820.0	SLIDE 6 3/4" F/13,780' T/13,820'. (40' @ 40 FPH) WOB 30K, DIFF 400, GPM 350, MMRPM 230, SPP 6,350 PSI, TF 120° L.
02:00	03:00	1.00	PROD1	DRILL	DRLG	P	13,820.0	13,959.0	ROTATE DRILL 6 3/4" F/13,820' T/13,959'. (139' @ 139 FPH) WOB 30K, RPM 70, DIFF 1000, GPM 320, MMRPM 212, SPP 5,600 PSI,
03:00	03:30	0.50	PROD1	DRILL	DDRL	P	13,959.0	13,991.0	SLIDE 6 3/4" F/13,959' T/13,991'. (32' @ 64 FPH) WOB 30K, DIFF 400, GPM 350, MMRPM 230, SPP 6,350 PSI, TF 120° L.
03:30	04:45	1.25	PROD1	DRILL	DRLG	P	13,991.0	14,142.0	ROTATE DRILL 6 3/4" F/13,991' T/14,142'. (151' @ 120 FPH) WOB 30K, RPM 70, DIFF 1000, GPM 320, MMRPM 212, SPP 5,600 PSI,
04:45	05:15	0.50	PROD1	DRILL	DDRL	P	14,142.0	14,160.0	SLIDE 6 3/4" F/14,142' T/14,160'. (18' @ 36 FPH) WOB 30K, DIFF 400, GPM 350, MMRPM 230, SPP 6,350 PSI, TF 120° L.
05:15	06:00	0.75	PROD1	DRILL	DRLG	P	14,160.0	14,250.0	ROTATE DRILL 6 3/4" F/14,160' T/14,250'. (90' @ 120 FPH) WOB 30K, RPM 70, DIFF 1000, GPM 320, MMRPM 212, SPP 5,600 PSI,

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









Head Count / Manhours

Company	Function	Personnel Type	Count	Time (hr)	Tot Work Time (hr)
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 ONDITION ED	D	1	1	1	10035	120.00	0.00					
PDC		9 7/8	1.50	DRILFORMANC 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	DD306VTS	Reco nditio ned	S	2	3	3	5336587	11,378.00						
PDC		6 3/4	1.00	BAKER HUGHE S	DD306WSX	Reco nditio ned	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 HUGHE S	STX-30	NEW	D	1	1	1	5342988							
PDC		6 3/4	1.30	BAKER HUGHE S	DD406VTW	NEW	D	1	1	1	533872							

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		
5" NM TOOL CARRIER		5.27	2.88	67.20		31.50	1	MWD	XT39	4	XT39	4	GORDON		54583		
5" UBHO HIGH FLOW		5.19	2.25	67.20		2.70	1	MWD	XT39	4	XT39	4	GORDON		525-009C		
IBEX 5.5" 6/7-8.8 FXD @ 1.83° TS		5.52	2.00	80.00		35.00	1	Mud Motor	XT39	4	NC40	4	* ADD A VENDOR		550-IB-004		

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)
12,140.0	14,250.0	2,110.00	18.25	4.25	115.6	320	30	70				

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



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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)
Intermediate1	7 5/8	11,358.0	-4.7	5/21/2023		29.70		
Production1	5 1/2	16,924.0	-5.8		4.55	23.00		