

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) 2,312,826.82
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Daily Ops Summary

Rig (Names) NABORS DRILLING NABORS X04	Wellbore Original Hole	End Depth (ftKB) 11,378.0	Depth Progress (ft) 0.00	Daily Cost Total (Cost) 277,220.40
Weather	Hole Condition GOOD	Drilling Hours (hr)	Avg ROP (ft/hr)	Cum TL Days from Spud (...) 8.04

Ops and Depth @ Morning Report

TIH WITH 6 3/4" CURVE BHA 8 3/4" VERTICAL @ 11,378'

Last 24hr Summary

CEMENT 7 5/8" CASING 1ST STAGE, RIG REPAIR (TRANSFER PUMP), CEMENT 2ND STAGE, RIG DOWN CEMENTERS, INSTALL & TEST PACK OFF, SET WEAR BUSHING, P/U 6 3/4" DRILL OUT BHA & TIH T/5,086', TEST CASING TO 1,500 PSI (GOOD TEST), DRILL OUT DVT & CONTINGENCY BAFFLE, PERFORM 3,500 PSI CASING TEST (GOOD TEST), TOH F/5,152' - T/BHA, L/D DRILL OUT BHA, P/U 6 3/4" CURVE BHA & TIH T/3,800'.

CUTTINGS HAULED OFF: 0

TOTAL CUTTINGS HAULED OFF: 29

24hr Forecast

TIH WITH 6 3/4" CURVE BHA, DRILL OUT 7 5/8" SHOE TRACK & 10' NEW FORMATION, CIRCULATE B/U, PERFORM FIT TO 14.5 PPG EMW, DIAPLCE TO OBM, DRILL 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	09:15	3.25	INTRM1	CEMENT	CMNT	P	11,378.0	11,378.0	PJSM W/HALLIBURTON. RIG UP AND CEMENT AS FOLLOWS: TEST LINES TO 5500 PSI. PUMP FIRST STG CMT @ 5 BPM W/ 40 BBLs TUNED SPACER @ 10.0 PPG. LEAD W/1330 SX (595 BBL) NEOCEM, 2.513 YLD, 10.7 PPG. TAIL W/175 SX (34 BBL) HALCEM H, 1.08 YLD, 16.4 PPG. DISPLACE CMT W/517 BBL OF 10.0 PPG ENERLITE @ 5 BPM. FINAL RATE @ 3.5 BPM @ 1905 PSI, BUMP PLUG TO 2250 PSI. STAGE PRESSURE UP AND INFLATE ECP @ 3,300 PSI, DROP TO 3,000 PSI, PRESSURE BACK UP AND HOLD. BLED BACK TO ORIGINAL BUMP PRESSURE, PACKER TOOK 1/4 BBL. BLEED OF AND CHECK FLOATS, BLED BACK 5 BBLs. NO RETURNS DURING JOB. NOTE: HALLIBURTON CEMENT PUMP WAS HAVING ISSUES WITH ONE PUMP, KICKED OUT SEVERAL TIMES DURING DISPLACEMENT DUE TO FLUID END ISSUE.
09:15	10:00	0.75	INTRM1	CEMENT	CIRC	P	11,378.0	11,378.0	DROP OPENING PLUG AND WAIT 35 MINS. OPEN DVT @ PSI AND CIRCULATE BOTTOMS UP, NO CEMENT ON TOP OF TOOL. NOTE: HALLIBURTON SWAPPING OVER TO BACKUP CEMENT PUMP.
10:00	12:00	2.00	INTRM1	CEMENT	RGRP	T	11,378.0	11,378.0	NABORS TRANSFER PUMPS WENT DOWN. ATTEMPT TO TROUBLESHOOT. COULDN'T MAKE ANY PROGRESS. RIG UP TRASH PUMPS TO OPEN TOP AND TAKE RETURNS OVERBOARD TO PROCEED WITH SECOND STAGE.
12:00	13:00	1.00	INTRM1	CEMENT	CMNT	P	11,378.0	11,378.0	OPEN DVT AND CBU. NO CEMENT FROM TOP OF TOOL.
13:00	15:30	2.50	INTRM1	CEMENT	CMNT	P	11,378.0	11,378.0	PERFORM SECOND STAGE AS FOLLOWS: PUMP 20 BBLs GELLED SPACER @ 8.4 PPG. LEAD W/820 SX (281 BBL) ECONOCHEM-HLC, 1.93 YLD, 12.9 PPG. TAIL W/145 SX (34 BBL) HALCEM, 1.33 YLD, 14.8 PPG. DISPLACE CMT W/233 BBL OF 10.0 PPG ENERLITE @ 7 BPM. FINAL RATE @ 4 BPM @ 1150 PSI. BUMP PLUG TO 2500 PSI. 7 BBLs/41SACKS CEMENT RETURNED TO SURFACE.
15:30	16:00	0.50	INTRM1	CEMENT	CMNT	P	11,378.0	11,378.0	RIG DOWN CEMENTERS.
16:00	17:45	1.75	INTRM1	WHDBOP	DHEQ	P	11,378.0	11,378.0	BACK OUT LANDING JOINT, SET PACK OFF & TEST LOWER SEALS @ 5,000 AND UPPER SEALS @ 10,000 ON CHART RECORDER. HELD EACH TEST FOR 10 MIN.
17:45	18:00	0.25	INTRM1	WHDBOP	WBPL	P	11,378.0	11,378.0	GREASE & INSTALL WEAR BUSHING.
18:00	20:45	2.75	INTRM1	WHDBOP	TRIP	P	11,378.0	11,378.0	M/U 6 3/4" DRILFORMANCE DF513, BIT SUB & TIH T/5,086'.
20:45	21:15	0.50	INTRM1	WHDBOP	PRTS	P	11,378.0	11,378.0	TEST CASING ABOVE DVT TO 1,500 FOR 5 MINS (GOOD TEST).
21:15	23:15	2.00	INTRM1	WHDBOP	DRLG	P	11,378.0	11,378.0	DRILL OUT 7 5/8" DVT & CONTINGENCY BAFFLE F/5,086' - 5,152' WOB:30, RPM:70, GPM:250, TQ:3K.
23:15	00:00	0.75	INTRM1	WHDBOP	PRTS	P	11,378.0	11,378.0	TEST CASING BELOW DVT TO 3,500 FOR 30 MINS (GGOD TEST).
00:00	01:45	1.75	INTRM1	WHDBOP	TRIP	P	11,378.0	11,378.0	TOH TO PICK UP 6 3/4" CURVE BHA F/5,152' - T/BHA.
01:45	02:00	0.25	INTRM1	WHDBOP	BHAH	P	11,378.0	11,378.0	L/D 6 3/4" DRILL OUT BHA.

Time Log

Start Time	End Time	Dur (hr)	Phase	Op Code	Activity Code	Time P-T-X	Start Depth (ftKB)	End Depth (ftKB)	Operation
02:00	04:00	2.00	INTRM1	WHDBOP	BHAH	P	11,378.0	11,378.0	PJSM, P/U 5 1/2" IBEX 6/7-8.8 MOTOR FXD @ 1.83° TS, UBHO, CARRIER COLLAR, SCRIBE MOTOR & INSTALL MWD. P/U NMDC, FLOAT SUB & ACCEL GLIDE. MAKE UP 6 3/4" BAKER DD306VTWS S/N:5336587 & TEST MWD (BAD TEST), MWD TOOL DID NOT SEAT PROPERLY, PULLED TOOL & TRIMMED FINS TO SEAT PROPERLY. TEST MWD (GOOD TEST).
04:00	06:00	2.00	INTRM1	WHDBOP	TRIP	P	11,378.0	11,378.0	TIH F/BHA - T/3,800'. P/U & TEST AGITATOR @ 2,842' W/350 GPM PSI PRIOR: 1,835 PSI AFTER: 2,350 PSI DROP: 515.





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	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	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 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		

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)
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		
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		

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)

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		