



178.Daily Partner Report  
UL 20 PADDLE TAIL B 503H

Report Date: 4/9/2023  
Report #: 19  
Actual Days: 17.75

Well Info

API / UWI 4230136079	Region / Division DELAWARE BASIN	District DELAWARE BASIN SOUTH	Field Name PRIMARY	Original Spud Date 12/8/2022
County LOVING	State/Province TEXAS	Original KB/RT Elevation (ft) 2,855.00	Ground Elevation (ft) 2,823.00	

Job Summary

Job Category DRILLING	Last Casing String Intermediate1, 11,420.0ftKB	AFE Dur Total (days) 26.52	Total AFE (Cost) 5,317,773.41	Cumulative Cost (Cost) 2,914,498.49
--------------------------	---	-------------------------------	----------------------------------	--

Daily Ops Summary

Rig (Names) NABORS DRILLING NABORS X04	Wellbore Original Hole	End Depth (ftKB) 21,531.0	Depth Progress (ft) 356.00	Daily Cost Total (Cost) 112,232.10
Weather	Hole Condition	Drilling Hours (hr) 6.50	Avg ROP (ft/hr) 54.8	Cum TL Days from Spud (...) 13.42

Ops and Depth @ Morning Report

BACK REAMING OUT OF @ 17,120'.

Last 24hr Summary

DRILL 6 3/4" LATERAL F/21,175' T/21,531', CUC, TOOH FOR ROP, TIGHT HOLE AT 20,287', BACK REAM OOH F/20,287' T/20,189', CUC, INCREASE MW TO 12.6 PPG, BACK REAM T/19,960' WORK STUCK PIPE FREE, PUMP SWEEPS AND INCREASE MW TO 12.8 PPG. BACK REAM T/19,918' T/19,707'. TOH F/19,707' T/18,124'. BACK REAM F/18,124' T/18,091'. TOH F/18,091' T/17,258'. BACKREAM OUT F/17,258' T/17,120'.

HAUL OFFS: 2

TOTAL HAULED: 59

24hr Forecast

FINISH TRIP FOR ROP. DRILL 6 3/4" LATERAL SECTION.

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	09:00	3.00	PROD1	DRILL	DRLG	P	21,175.0	21,402.0	ROTATE DRILL 6 3/4" LATERAL F/21,175' - T/21,402' (227' @ 75.6 FPH) WOB:35, RPM:80, GPM:370, SPP:7,000, DIFF:1280, MMRPM:244, TQ:22K.
09:00	11:00	2.00	PROD1	DRILL	DDRL	P	21,402.0	21,440.0	SLIDE DRILL 6 3/4" LATERAL F/21,402' - T/21,440' (38' @ 19 FPH) WOB:50, GPM:400, MMRPM:264 SPP:6,250, DIFF:250, TF: 90R.
11:00	12:30	1.50	PROD1	DRILL	DRLG	P	21,440.0	21,531.0	ROTATE DRILL 6 3/4" LATERAL F/21,440' - T/21,531' (91' @ 60 FPH) WOB:35, RPM:80, GPM:370, SPP:7,000, DIFF:1280, MMRPM:244, TQ:22K.
12:30	14:00	1.50	PROD1	DRILL	CIRC	P	21,531.0	21,531.0	CIRCULATE B/U @ 21,531', 100 RPM, 400 GPM
14:00	14:45	0.75	PROD1	DRILL	TRIP	P	21,531.0	21,531.0	TOOH F/20,531' T/20,189' WET, PULLED SLICK
14:45	15:00	0.25	PROD1	DRILL	CIRC	P	21,531.0	21,531.0	PUMP SLUG
15:00	17:00	2.00	PROD1	DRILL	CIRC	T	21,531.0	21,531.0	PUMP WEIGHTED SWEEP AND INCREASE MW F/ 12.4 TO 12.6 VERY FINE CUTTINGS COMING OVER SHAKERS
17:00	18:30	1.50	PROD1	DRILL	OTHR	T	21,531.0	21,531.0	BACK REAMED T/19,966' AND PACKED OFF, WORK STUCK PIPE UNTIL FREE
18:30	19:30	1.00	PROD1	DRILL	TRIP	T	21,531.0	21,531.0	TOOH F/20,287' AND INCOUNTER TIGHT HOLE, START PUMPING OUT AND BACK REAMING, TORQUE AND PACKING OFF T/ 20,189'
19:30	22:30	3.00	PROD1	DRILL	CIRC	T	21,531.0	21,531.0	PUMP WEIGHTED SWEEP AND INCREASE MW F/ 12.6 TO 12.8 VERY FINE SILT COMING OVER SHAKERS PLUS SOME MOTOR RUBBER.
22:30	00:15	1.75	PROD1	DRILL	REAM	T	21,531.0	21,531.0	BACK REAM OUT F/19,918' T/19,707'. NOTED RESISTANCE. MOTOR RUBBER CONTINUED OVER SHAKERS WITH SMALL AMOUNT OF LARGER PIECES OF SLOUGHING.
00:15	01:15	1.00	PROD1	DRILL	TRIP	T	21,531.0	21,531.0	TOH F/19,707' T/18,124'. NOTED RESISTANCE WHILE TRIPPING.
01:15	01:45	0.50	PROD1	DRILL	REAM	T	21,531.0	21,531.0	BACKREAM OUT F/18,124' T/18,091' THROUGH RESISTANCE.
01:45	02:15	0.50	PROD1	DRILL	TRIP	T	21,531.0	21,531.0	TOH F/18,124' T/17,258'. NOTED RESISTANCE WHILE TRIPPING.
02:15	06:00	3.75	PROD1	DRILL	REAM	T	21,531.0	21,531.0	BACKREAM OUT F/17,258' T/17,120' THROUGH RESISTANCE.






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	2		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
3/28/2023	GORDON MWD SURVEYS	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	ACK	616	REC ONDITION ED	D	1	1	1	2150	120.00						
PDC		9 7/8	1.50	DRILFORMANC E	DF616	Reco nditio ned	S	1	2	3	85379	1,255.00						
PDC		8 3/4	1.00	NOV REED	TKC76-N4	Reco nditio ned	S	3	2	1	A291281	8,439.00						
PDC		6 3/4	0.75	BAKER HUGHE S	DD306WS X	Reco nditio ned	S	1	2	3	5339528	11,435.00						
PDC		6 3/4	0.75	BAKER HUGHE S	DD406TW	Reco nditio ned	S	1	2	3	5336282							

**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		
UBHO SUB		8	3.63	150.00	S135	2.63	1	MWD	REG	6 5/8	REG	6 5/8	* ADD A VENDOR		GT800 S-213		
8" 7/8 5.9 FBH @ 1.50° W/ 9 3/8" NBS		8	0.00	150.00	S135	35.18	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	29.71	1	MWD	IF	4 1/2	IF	4 1/2	* ADD A VENDOR				
6 1/2" UBHO		6.44	3.13	84.60	S135	2.62	1	MWD	IF	4 1/2	IF	4 1/2	* ADD A VENDOR				
7" MOTOR - 7/8 6.9 FBH W/8 1/4" NBS @1.75		7	0.00	117.30	S135	32.04	1	Mud Motor	IF	4 1/2	REG	4 1/2	* ADD A VENDOR				
5" TOOL CARRIER		5.19	2.81	51.50	S135	28.98	1	MWD	XT39	4	XT40	4	* ADD A VENDOR				
5" UBHO		5.19	2.25	58.50	S135	2.35	1	MWD	XT40	4	XT39	4	* ADD A VENDOR				
5" MOTOR - 6/7 8.0 FBH @ 1.83° W/6.125" NBS		5	0.00	66.80	S135	29.27	1	Mud Motor	XT39	4	REG	3 1/2	* ADD A VENDOR				
5" NM TOOL CARRIER		5.19	2.88	67.20		28.98	1	MWD	XT39	4	XT39	4	DTI		525-30-4633		
5" UBHO HIGH FLOW		5.19	2.25	67.20		2.91	1	MWD	XT39	4	XT39	4	* ADD A VENDOR	GORDON	GT-525-008B		
IBEX 5.5" 6/7-8.8 FBH @1.75 TS		5 1/2	2.00	80.00		34.95	1	Mud Motor	XT39	4	NC40	4	* ADD A VENDOR		550-IB-001		



178.Daily Partner Report  
UL 20 PADDLE TAIL B 503H

Report Date: 4/9/2023  
Report #: 19  
Actual Days: 17.75

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)
21,175.0	21,531.0	8,943.00	6.50	2.00	54.8	370	40	80				350.0

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	0.0	11/9/2022	18.94	94.00		
Surface	10 3/4	1,255.0	0.0	12/10/2022	9.88	45.50	1,076.0	16.50
Intermediate1	7 5/8	11,420.0	-6.3	4/2/2023	6.75	29.70	8,585.5	14.51

### Well Info

API / UWI 4230136079	Region / Division DELAWARE BASIN	District DELAWARE BASIN SOUTH	Field Name PRIMARY	Original Spud Date 12/8/2022
County LOVING	State/Province TEXAS	Original KB/RT Elevation (ft) 2,855.00	Ground Elevation (ft) 2,823.00	

### Job Summary

Job Category DRILLING	Last Casing String Intermediate1, 11,420.0ftKB	AFE Dur Total (days) 26.52	Total AFE (Cost) 5,317,773.41	Cumulative Cost (Cost) 3,002,169.59
--------------------------	---	-------------------------------	----------------------------------	--

### Daily Ops Summary

Rig (Names) NABORS DRILLING NABORS X04	Wellbore Original Hole	End Depth (ftKB) 21,531.0	Depth Progress (ft) 0.00	Daily Cost Total (Cost) 87,671.10
Weather	Hole Condition	Drilling Hours (hr)	Avg ROP (ft/hr)	Cum TL Days from Spud (...) 14.46

### Ops and Depth @ Morning Report

TIH @ 15,250'.

### Last 24hr Summary

PUMP OOH F/17,120' T/16,616', TOOH ON ELEVATORS F/16,616' T/11,450', RIG REPAIR/TM 80, TOOH T/ BHA, SWAP OUT 6 3/4" LATERAL BHA, TIH F/SURFACE T/11,464'. SLIP AND CUT DRILLING LINE. C/O SAVER SUB. TIH F/11,464' T/15,250'.

### HAUL OFFS:

TOTAL HAULED: 59

### 24hr Forecast

FINISH TRIP FOR ROP. DRILL 6 3/4" LATERAL SECTION.

### 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	PROD1	DRILL	WASH	T	21,531.0	21,531.0	WASH OUT F/17,120' T/16,616' THROUGH RESISTANCE.
06:30	10:00	3.50	PROD1	DRILL	TRIP	P	21,531.0	21,531.0	TOOH ON ELEVATORS F/16,616' T/11,450', NO TROUBLE PULLING THROUGH THE CURVE PUMP SLUG
10:00	10:30	0.50	PROD1	DRILL	SVRG	P	21,531.0	21,531.0	RIG SERVICE, NABORS CREW TRYING TO CHANGE HYDRAULIC RAM ON TM80
10:30	12:00	1.50	PROD1	DRILL	RGRP	T	21,531.0	21,531.0	ATTEMPTING TO REMOVE THE PIN FROM HYDRAULIC RAM ON TM80, UNSUCCESSFUL.
12:00	12:15	0.25	PROD1	DRILL	MPDA	P	21,531.0	21,531.0	PULL RCD FROM BOWL
12:15	18:45	6.50	PROD1	DRILL	TRIP	P	21,531.0	21,531.0	TOOH FOR 6 3/4" BHA, USING RIG TONGS TO BREAK OUT PIPE. F/11,450' T/BHA
18:45	20:00	1.25	PROD1	DRILL	BHAH	P	21,531.0	21,531.0	L/D 6 3/4" LATERAL BHA. NOTED MOTOR SELF DRAINED - WOULD NOT HOLD FLUID.
20:00	21:15	1.25	PROD1	DRILL	BHAH	P	21,531.0	21,531.0	P/U 6 3/4" BHA.
21:15	22:30	1.25	PROD1	DRILL	TRIP	P	21,531.0	21,531.0	TIH F/SURFACE T/3,502'.
22:30	23:00	0.50	PROD1	DRILL	CIRC	P	21,531.0	21,531.0	SURFACE TEST NOV AGITATOR. NOTED -100 PSI PRESSURE DROP.
23:00	02:00	3.00	PROD1	DRILL	TRIP	P	21,531.0	21,531.0	TIH F/3,502' T/11,464'.
02:00	02:45	0.75	PROD1	DRILL	SLPC	P	21,531.0	21,531.0	SLIP AND CUT 9 WRAPS, 69' OF DRILLING LINE.
02:45	04:00	1.25	PROD1	DRILL	SVRG	P	21,531.0	21,531.0	C/O SAVER SUB.
04:00	07:00	3.00	PROD1	DRILL	TRIP	P	21,531.0	21,531.0	TIH F/11,464' T/15,250'.


### 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	2		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
3/28/2023	GORDON MWD SURVEYS	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	ACK	616	REC ONDITION ED	D	1	1	1	2150	120.00						




**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		9 7/8	1.50	DRILFO RMANC E	DF616	Reco nditio ned	S	1	2	3	85379	1,255.00						
PDC		8 3/4	1.00	NOV REED	TKC76-N4	Reco nditio ned	S	3	2	1	A291281	8,439.00						
PDC		6 3/4	0.75	BAKER HUGHE S	DD306WS X	Reco nditio ned	S	1	2	3	5339528	11,435.00						
PDC		6 3/4	0.75	BAKER HUGHE S	DD406TW	Reco nditio ned	S	1	2	3	5336282	12,588.00						
PDC		6 3/4	0.75	DRILFO RMANC E	DF 613	Reco nditio ned	S	1	2	3	25283	21,531.00						

**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		
UBHO SUB		8	3.63	150.00	S135	2.63	1	MWD	REG	6 5/8	REG	6 5/8	* ADD A VENDO R		GT800 S-213		
8" 7/8 5.9 FBH @ 1.50° W/ 9 3/8" NBS		8	0.00	150.00	S135	35.18	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	29.71	1	MWD	IF	4 1/2	IF	4 1/2	* ADD A VENDO R				
6 1/2" UBHO		6.44	3.13	84.60	S135	2.62	1	MWD	IF	4 1/2	IF	4 1/2	* ADD A VENDO R				
7" MOTOR - 7/8 6.9 FBH W/8 1/4" NBS @1.75		7	0.00	117.30	S135	32.04	1	Mud Motor	IF	4 1/2	REG	4 1/2	* ADD A VENDO R				
5" TOOL CARRIER		5.19	2.81	51.50	S135	28.98	1	MWD	XT39	4	XT40	4	* ADD A VENDO R				
5" UBHO		5.19	2.25	58.50	S135	2.35	1	MWD	XT40	4	XT39	4	* ADD A VENDO R				
5" MOTOR - 6/7 8.0 FBH @ 1.83° W/6.125" NBS		5	0.00	66.80	S135	29.27	1	Mud Motor	XT39	4	REG	3 1/2	* ADD A VENDO R				
5" NM TOOL CARRIER		5.19	2.88	67.20		28.98	1	MWD	XT39	4	XT39	4	DTI		525-30-4633		
5" UBHO HIGH FLOW		5.19	2.25	67.20		2.91	1	MWD	XT39	4	XT39	4	* ADD A VENDO R	GORD ON	GT-525-008B		
IBEX 5.5" 6/7-8.8 FBH @1.75 TS		5 1/2	2.00	80.00		34.95	1	Mud Motor	XT39	4	NC40	4	* ADD A VENDO R		550-IB-001		

### 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		5.19	2.88	67.20		28.98	1	MWD	XT39	4	XT39	4	DTI		525-30-4633		
5" UBHO HIGH FLOW		5.19	2.25	67.20		3.54	1	MWD	XT39	4	XT39	4	* ADD A VENDOR	GORDON	GT-525-008B		
IBEX 5.5" 6/7-8.8 FBH @1.75 TS		5 1/2	2.00	80.00		34.99	1	Mud Motor	XT39	4	NC40	4	* ADD A VENDOR		550-IB-0015		

### 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	0.0	11/9/2022	18.94	94.00		
Surface	10 3/4	1,255.0	0.0	12/10/2022	9.88	45.50	1,076.0	16.50
Intermediate1	7 5/8	11,420.0	-6.3	4/2/2023	6.75	29.70	8,585.5	14.51
Production1	5 1/2	24,893.0	-5.0		4.55	23.00		



178.Daily Partner Report  
UL 20 PADDLE TAIL B 503H

Report Date: 4/11/2023  
Report #: 21  
Actual Days: 19.93

Well Info

API / UWI 4230136079	Region / Division DELAWARE BASIN	District DELAWARE BASIN SOUTH	Field Name PRIMARY	Original Spud Date 12/8/2022
County LOVING	State/Province TEXAS	Original KB/RT Elevation (ft) 2,855.00	Ground Elevation (ft) 2,823.00	

Job Summary

Job Category DRILLING	Last Casing String Intermediate1, 11,420.0ftKB	AFE Dur Total (days) 26.52	Total AFE (Cost) 5,317,773.41	Cumulative Cost (Cost) 3,107,876.69
--------------------------	---	-------------------------------	----------------------------------	--

Daily Ops Summary

Rig (Names) NABORS DRILLING NABORS X04	Wellbore Original Hole	End Depth (ftKB) 21,531.0	Depth Progress (ft) 0.00	Daily Cost Total (Cost) 105,707.10
Weather	Hole Condition	Drilling Hours (hr)	Avg ROP (ft/hr)	Cum TL Days from Spud (...) 15.59

Ops and Depth @ Morning Report

TIH @ 11,450' W/6 3/4" REAMING BHA.

Last 24hr Summary

TIH W/ 6 3/4" LATERAL ASSEMBLY F/11,464' T/15,250'. PERIODIC W&R T/ 17,050' SHORT TRIP 10 STANDS, W&R F/17,050' T/18,125', TOOH FOR REAMER ASSEMBLY F/18,125' T/SURFACE. L/D 6 3/4" LATERAL BHA. P/U & TIH 6 3/4" REAMING ASSEMBLY F/SURFACE T/11,450'.

HAUL OFFS: 0

TOTAL HAULED: 59

24hr Forecast

FINISHING REAMING RUN AND POOH FOR 6 3/4" LATERAL 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
06:00	09:15	3.25	PROD1	DRILL	TRIP	P	21,531.0	21,531.0	TIH F/15,250' THEN PERIODIC WASH TO 15,560' TIH ON ELEVATORS 16,300' T/16,950'
09:15	09:45	0.50	PROD1	DRILL	OTHR	P	21,531.0	21,531.0	DOWN LINK MWD FROM .5 TO .8 FOR BETTER DECODING DOWN LINK WILL NOT TAKE AT DEEPER DEPTHS.
09:45	10:15	0.50	PROD1	DRILL	REAM	P	21,531.0	21,531.0	REAM, F/16,970' T/17,050
10:15	11:15	1.00	PROD1	DRILL	TRIP	P	21,531.0	21,531.0	10 STAND SHORT TRIP BACK TO 16,100' NO PROBLEM
11:15	13:45	2.50	PROD1	DRILL	REAM	P	21,531.0	21,531.0	REAM, F/17,050' T/18,125'
13:45	22:15	8.50	PROD1	DRILL	TRIP	T	21,531.0	21,531.0	TOOH FOR REAMING ASSEMBLY F/18,125' T/SURFACE.
22:15	23:30	1.25	PROD1	DRILL	BHAH	T	21,531.0	21,531.0	L/D 6 3/4" LATERAL BHA.
23:30	00:45	1.25	PROD1	DRILL	BHAH	T	21,531.0	21,531.0	P/U 6 3/4" REAMING BHA.
00:45	09:15	8.50	PROD1	DRILL	TRIP	T	21,531.0	21,531.0	TIH F/SURFACE T/ 11,450'.

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	2		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
3/28/2023	GORDON MWD SURVEYS	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	ACK	616	REC ONDITION ED	D	1	1	1	2150	120.00						
PDC		9 7/8	1.50	DRILFO RMANC E	DF616	Reco nditio ned	S	1	2	3	85379	1,255.00						
PDC		8 3/4	1.00	NOV REED	TKC76-N4	Reco nditio ned	S	3	2	1	A291281	8,439.00						
PDC		6 3/4	0.75	BAKER HUGHE S	DD306WS X	Reco nditio ned	S	1	2	3	5339528	11,435.00						

**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		6 3/4	0.75	BAKER HUGHES	DD406TW	Reconditioned	S	1	2	3	5336282	12,588.00						
PDC		6 3/4	0.75	DRILFO RMANCE	DF 613	Reconditioned	S	1	2	3	25283	21,531.00						

**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		
UBHO SUB		8	3.63	150.00	S135	2.63	1	MWD	REG	6 5/8	REG	6 5/8	* ADD A VENDOR		GT800 S-213		
8" 7/8 5.9 FBH @ 1.50° W/ 9 3/8" NBS		8	0.00	150.00	S135	35.18	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	29.71	1	MWD	IF	4 1/2	IF	4 1/2	* ADD A VENDOR				
6 1/2" UBHO		6.44	3.13	84.60	S135	2.62	1	MWD	IF	4 1/2	IF	4 1/2	* ADD A VENDOR				
7" MOTOR - 7/8 6.9 FBH W/8 1/4" NBS @ 1.75		7	0.00	117.30	S135	32.04	1	Mud Motor	IF	4 1/2	REG	4 1/2	* ADD A VENDOR				
5" TOOL CARRIER		5.19	2.81	51.50	S135	28.98	1	MWD	XT39	4	XT40	4	* ADD A VENDOR				
5" UBHO		5.19	2.25	58.50	S135	2.35	1	MWD	XT40	4	XT39	4	* ADD A VENDOR				
5" MOTOR - 6/7 8.0 FBH @ 1.83° W/6.125" NBS		5	0.00	66.80	S135	29.27	1	Mud Motor	XT39	4	REG	3 1/2	* ADD A VENDOR				
5" NM TOOL CARRIER		5.19	2.88	67.20		28.98	1	MWD	XT39	4	XT39	4	DTI		525-30-4633		
5" UBHO HIGH FLOW		5.19	2.25	67.20		2.91	1	MWD	XT39	4	XT39	4	* ADD A VENDOR	GORDON	GT-525-008B		
IBEX 5.5" 6/7-8.8 FBH @ 1.75 TS		5 1/2	2.00	80.00		34.95	1	Mud Motor	XT39	4	NC40	4	* ADD A VENDOR		550-IB-001		
5" NM TOOL CARRIER		5.19	2.88	67.20		28.98	1	MWD	XT39	4	XT39	4	DTI		525-30-4633		
5" UBHO HIGH FLOW		5.19	2.25	67.20		3.54	1	MWD	XT39	4	XT39	4	* ADD A VENDOR	GORDON	GT-525-008B		
IBEX 5.5" 6/7-8.8 FBH @ 1.75 TS		5 1/2	2.00	80.00		34.99	1	Mud Motor	XT39	4	NC40	4	* ADD A VENDOR		550-IB-0015		





178.Daily Partner Report  
UL 20 PADDLE TAIL B 503H

Report Date: 4/11/2023  
Report #: 21  
Actual Days: 19.93

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	0.0	11/9/2022	18.94	94.00		
Surface	10 3/4	1,255.0	0.0	12/10/2022	9.88	45.50	1,076.0	16.50
Intermediate1	7 5/8	11,420.0	-6.3	4/2/2023	6.75	29.70	8,585.5	14.51
Production1	5 1/2	24,893.0	-5.0		4.55	23.00		

### Well Info

API / UWI 4230136079	Region / Division DELAWARE BASIN	District DELAWARE BASIN SOUTH	Field Name PRIMARY	Original Spud Date 12/8/2022
County LOVING	State/Province TEXAS	Original KB/RT Elevation (ft) 2,855.00	Ground Elevation (ft) 2,823.00	

### Job Summary

Job Category DRILLING	Last Casing String Intermediate1, 11,420.0ftKB	AFE Dur Total (days) 26.52	Total AFE (Cost) 5,317,773.41	Cumulative Cost (Cost) 3,183,782.02
--------------------------	---	-------------------------------	----------------------------------	--

### Daily Ops Summary

Rig (Names) NABORS DRILLING NABORS X04	Wellbore Original Hole	End Depth (ftKB) 21,531.0	Depth Progress (ft) 0.00	Daily Cost Total (Cost) 75,905.33
Weather	Hole Condition	Drilling Hours (hr)	Avg ROP (ft/hr)	Cum TL Days from Spud (...) 16.42

### Ops and Depth @ Morning Report

TOH FOR 6 3/4" LATERAL BHA 6 3/4" LATERAL @ 21,531'

### Last 24hr Summary

TIH F/11,450' - T/18,340', WASH & REAM F/18,340' - T/21,531', PERFORM CLEAN UP CYCLE, TOH F/21,531' - T/20,496', FLOW CHECK & PUMP SLUG, TOH F/20,496' - T/20,000'.

HAUL OFFS: 0

TOTAL HAULED: 59

### 24hr Forecast

TOH, L/D REAMING BHA, P/U 6 3/4" LATERAL BHA, TIH & DRILL 6 3/4" LATERAL T/24,923' +/-.

### 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	09:45	3.75	PROD1	DRILL	TRIP	T	21,531.0	21,531.0	CONT. TIH F/ 11,450' - T/ 18,340'.
									NOTE: HOLE GIVING PROPER DISPLACEMENT RETURNS.
09:45	02:00	16.25	PROD1	DRILL	REAM	T	21,531.0	21,531.0	REAM, F/18,340' - T/ 21,531' WOB: 4-6K, GPM: 345, SPP: 3,850, RPM: 70, TQ 8-9K.
02:00	05:00	3.00	PROD1	DRILL	CIRG	T	21,531.0	21,531.0	PERFORM CLEAN UP CYCLE. PUMPED 20 BBLS HIGH VIS SWEEP, FOLLOWED BY 20 BBLS ACTIVE MUD, FOLLOWED BY ADDITIONAL 20 BBLS HIGH VIS SWEEP. RECIPROCATING DRILL STRING 90' @ 1,000 FPH WITH 400 GPM & 100 RPM. NO NOTICEABLE CHANGE IN CUTTINGS WHEN SWEEP CAME ACROSS THE SHAKERS.
05:00	05:30	0.50	PROD1	DRILL	TRIP	T	21,531.0	21,531.0	TOH F/ 21,531' - T/20,496'.
05:30	05:45	0.25	PROD1	DRILL	OWFF	T	21,531.0	21,531.0	FLOW CHECK (WELL STATIC) & PUMP SLUG.
05:45	06:00	0.25	PROD1	DRILL	TRIP	T	21,531.0	21,531.0	TOH F/20,496' - T/20,000'.




### 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	2		0.00
CONOCOPHILLIPS CO	DD/MWD	CONTRACTOR	2		0.00
AES DRILLING FLUIDS	MUD/CHEMICAL PERSONNEL	CONTRACTOR	1		0.00




### Survey Data

Date 3/28/2023	Des GORDON MWD SURVEYS	Survey Company 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	ACK	616	REC ONDITIONED	D	1	1	1	2150	120.00						
PDC		9 7/8	1.50	DRILFORMANC E	DF616	Reconditioned	S	1	2	3	85379	1,255.00						
PDC		8 3/4	1.00	NOV REED	TKC76-N4	Reconditioned	S	3	2	1	A291281	8,439.00						

**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		6 3/4	0.75	BAKER HUGHES	DD306WS X	Reconditioned	S	1	2	3	5339528	11,435.00						
PDC		6 3/4	0.75	BAKER HUGHES	DD406TW	Reconditioned	S	1	2	3	5336282	12,588.00						
PDC		6 3/4	0.75	DRILFO RMANCE	DF 613	Reconditioned	S	1	2	3	25283	21,531.00						

**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		
UBHO SUB		8	3.63	150.00	S135	2.63	1	MWD	REG	6 5/8	REG	6 5/8	* ADD A VENDOR		GT800 S-213		
8" 7/8 5.9 FBH @ 1.50° W/ 9 3/8" NBS		8	0.00	150.00	S135	35.18	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	29.71	1	MWD	IF	4 1/2	IF	4 1/2	* ADD A VENDOR				
6 1/2" UBHO		6.44	3.13	84.60	S135	2.62	1	MWD	IF	4 1/2	IF	4 1/2	* ADD A VENDOR				
7" MOTOR - 7/8 6.9 FBH W/ 1/4" NBS @ 1.75		7	0.00	117.30	S135	32.04	1	Mud Motor	IF	4 1/2	REG	4 1/2	* ADD A VENDOR				
5" TOOL CARRIER		5.19	2.81	51.50	S135	28.98	1	MWD	XT39	4	XT40	4	* ADD A VENDOR				
5" UBHO		5.19	2.25	58.50	S135	2.35	1	MWD	XT40	4	XT39	4	* ADD A VENDOR				
5" MOTOR - 6/7 8.0 FBH @ 1.83° W/ 6.125" NBS		5	0.00	66.80	S135	29.27	1	Mud Motor	XT39	4	REG	3 1/2	* ADD A VENDOR				
5" NM TOOL CARRIER		5.19	2.88	67.20		28.98	1	MWD	XT39	4	XT39	4	DTI		525-30-4633		
5" UBHO HIGH FLOW		5.19	2.25	67.20		2.91	1	MWD	XT39	4	XT39	4	* ADD A VENDOR	GORDON	GT-525-008B		
IBEX 5.5" 6/7-8.8 FBH @ 1.75 TS		5 1/2	2.00	80.00		34.95	1	Mud Motor	XT39	4	NC40	4	* ADD A VENDOR		550-IB-001		
5" NM TOOL CARRIER		5.19	2.88	67.20		28.98	1	MWD	XT39	4	XT39	4	DTI		525-30-4633		
5" UBHO HIGH FLOW		5.19	2.25	67.20		3.54	1	MWD	XT39	4	XT39	4	* ADD A VENDOR	GORDON	GT-525-008B		



178.Daily Partner Report  
UL 20 PADDLE TAIL B 503H

Report Date: 4/12/2023  
Report #: 22  
Actual Days: 20.75

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)
IBEX 5.5" 6/7-8.8 FBH @1.75 TS		5 1/2	2.00	80.00		34.99	1	Mud Motor	XT39	4	NC40	4	* ADD A VENDOR		550-IB-0015		

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)
21,531.0	21,531.0		0.00	0.00		350	10	70		10,000.0	0	200.0

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	0.0	11/9/2022	18.94	94.00		
Surface	10 3/4	1,255.0	0.0	12/10/2022	9.88	45.50	1,076.0	16.50
Intermediate1	7 5/8	11,420.0	-6.3	4/2/2023	6.75	29.70	8,585.5	14.51
Production1	5 1/2	24,893.0	-5.0		4.55	23.00		

**Well Info**

<b>API / UWI</b> 4230136079	<b>Region / Division</b> DELAWARE BASIN	<b>District</b> DELAWARE BASIN SOUTH	<b>Field Name</b> PRIMARY	<b>Original Spud Date</b> 12/8/2022
<b>County</b> LOVING	<b>State/Province</b> TEXAS	<b>Original KB/RT Elevation (ft)</b> 2,855.00	<b>Ground Elevation (ft)</b> 2,823.00	

**Job Summary**

<b>Job Category</b> DRILLING	<b>Last Casing String</b> Intermediate1, 11,420.0ftKB	<b>AFE Dur Total (days)</b> 26.52	<b>Total AFE (Cost)</b> 5,317,773.41	<b>Cumulative Cost (Cost)</b> 3,269,197.55
---------------------------------	--	--------------------------------------	---	---

**Daily Ops Summary**

<b>Rig (Names)</b> NABORS DRILLING NABORS X04	<b>Wellbore</b> Original Hole	<b>End Depth (ftKB)</b> 21,531.0	<b>Depth Progress (ft)</b> 0.00	<b>Daily Cost Total (Cost)</b> 85,415.53
<b>Weather</b>	<b>Hole Condition</b>	<b>Drilling Hours (hr)</b>	<b>Avg ROP (ft/hr)</b>	<b>Cum TL Days from Spud (...)</b> 17.42

**Ops and Depth @ Morning Report**

TIH WITH 6 3/4" LATERAL BHA 6 3/4" LATERAL @ 21,531'

**Last 24hr Summary**

TOH F/20,000' - T/3,334', RIG REPAIR (TOP DRIVE HANDLER), TOH F/3,334' - T/BHA, L/D 6 3/4" REAMING BHA, P/U 6 3/4" LATERAL BHA & TIH T/11,422', INSTALL RCD, SLIP & CUT DRILL LINE, TIH F/11,422' - T/19,000'.

**24hr Forecast**

CONTINUE TIH & DRILL 6 3/4" LATERAL T/24,923' +/-.

**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	13:15	7.25	PROD1	DRILL	TRIP	T	21,531.0	21,531.0	TOH F/20,000' - T/3,334'.
13:15	13:45	0.50	PROD1	DRILL	SVRG	T	21,531.0	21,531.0	RIG SERVICE. HAVE TECH LOOK AT HANDLING LOCK ON TOPDRIVE AND ADJUST SAME.
13:45	16:00	2.25	PROD1	DRILL	TRIP	T	21,531.0	21,531.0	TOH F/3,334' - T/83'.
16:00	17:30	1.50	PROD1	DRILL	BHAH	T	21,531.0	21,531.0	PJSM. LAY DOWN REAMING BHA.
17:30	19:00	1.50	PROD1	DRILL	BHAH	T	21,531.0	21,531.0	P/U 6 3/4" LATERAL BHA AS FOLLOWS: P/U 5 1/2" 6/7_8.8 1.75° TRUE SLICK IBEX MOTOR, UBHO & TOOL CARRIER. SCRIBE MOTOR, ORIENT SLEEVE, INSTALL MWD & M/U 6 3/4" DRILFORMANCE DF616. P/U NMDC, FLOAT SUB & ACCELGLIDE.
19:00	00:45	5.75	PROD1	DRILL	TRIP	T	21,531.0	21,531.0	TIH F/106' - T/11,422'. (P/U & TEST AGITATOR @ 300 GPM, 700 PSI DROP)
00:45	01:15	0.50	PROD1	DRILL	OTHR	T	21,531.0	21,531.0	REMOVE TRIP NIPPLE & INSTALL ROTATING HEAD.
01:15	02:15	1.00	PROD1	DRILL	SLPC	T	21,531.0	21,531.0	SLIP & CUT 97' (13 WRAPS) OF DRILL LINE.
02:15	06:00	3.75	PROD1	DRILL	TRIP	T	21,531.0	21,531.0	TIH F/11,422' - T/19,000'.





**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	2		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
3/28/2023	GORDON MWD SURVEYS	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	ACK	616	REC ONDITIONED	D	1	1	1	2150	120.00						
PDC		9 7/8	1.50	DRILFORMANCE	DF616	Reconditioned	S	1	2	3	85379	1,255.00						
PDC		8 3/4	1.00	NOV REED	TKC76-N4	Reconditioned	S	3	2	1	A291281	8,439.00						
PDC		6 3/4	0.75	BAKER HUGHES	DD306WSX	Reconditioned	S	1	2	3	5339528	11,435.00						

**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		6 3/4	0.75	BAKER HUGHES	DD406TW	Reconditioned	S	1	2	3	5336282	12,588.00						
PDC		6 3/4	0.75	DRILFO RMANCE	DF 613	Reconditioned	S	1	2	3	25283	21,531.00						

**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		
UBHO SUB		8	3.63	150.00	S135	2.63	1	MWD	REG	6 5/8	REG	6 5/8	* ADD A VENDOR		GT800 S-213		
8" 7/8 5.9 FBH @ 1.50° W/ 9 3/8" NBS		8	0.00	150.00	S135	35.18	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	29.71	1	MWD	IF	4 1/2	IF	4 1/2	* ADD A VENDOR				
6 1/2" UBHO		6.44	3.13	84.60	S135	2.62	1	MWD	IF	4 1/2	IF	4 1/2	* ADD A VENDOR				
7" MOTOR - 7/8 6.9 FBH W/8 1/4" NBS @ 1.75		7	0.00	117.30	S135	32.04	1	Mud Motor	IF	4 1/2	REG	4 1/2	* ADD A VENDOR				
5" TOOL CARRIER		5.19	2.81	51.50	S135	28.98	1	MWD	XT39	4	XT40	4	* ADD A VENDOR				
5" UBHO		5.19	2.25	58.50	S135	2.35	1	MWD	XT40	4	XT39	4	* ADD A VENDOR				
5" MOTOR - 6/7 8.0 FBH @ 1.83° W/6.125" NBS		5	0.00	66.80	S135	29.27	1	Mud Motor	XT39	4	REG	3 1/2	* ADD A VENDOR				
5" NM TOOL CARRIER		5.19	2.88	67.20		28.98	1	MWD	XT39	4	XT39	4	DTI		525-30-4633		
5" UBHO HIGH FLOW		5.19	2.25	67.20		2.91	1	MWD	XT39	4	XT39	4	* ADD A VENDOR	GORDON	GT-525-008B		
IBEX 5.5" 6/7-8.8 FBH @ 1.75 TS		5 1/2	2.00	80.00		34.95	1	Mud Motor	XT39	4	NC40	4	* ADD A VENDOR		550-IB-001		
5" NM TOOL CARRIER		5.19	2.88	67.20		28.98	1	MWD	XT39	4	XT39	4	DTI		525-30-4633		
5" UBHO HIGH FLOW		5.19	2.25	67.20		3.54	1	MWD	XT39	4	XT39	4	* ADD A VENDOR	GORDON	GT-525-008B		
IBEX 5.5" 6/7-8.8 FBH @ 1.75 TS		5 1/2	2.00	80.00		34.99	1	Mud Motor	XT39	4	NC40	4	* ADD A VENDOR		550-IB-0015		



178.Daily Partner Report  
UL 20 PADDLE TAIL B 503H

Report Date: 4/13/2023  
Report #: 23  
Actual Days: 21.75

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		28.16	1	MWD	XT39	4	XT39	4	GORDON		525-30-3191		
5" UBHO HIGH FLOW		5.19	2.25	67.20		3.42	1	MWD	XT39	4	XT39	4	GORDON		GT525-194		
IBEX 5.5" 6/7-8.8 FBH @1.75 TS		5.52	2.00	80.00		34.93	1	Mud Motor	XT39	4	NC40	4	* ADD A VENDOR		550-IB-006		

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	0.0	11/9/2022	18.94	94.00		
Surface	10 3/4	1,255.0	0.0	12/10/2022	9.88	45.50	1,076.0	16.50
Intermediate1	7 5/8	11,420.0	-6.3	4/2/2023	6.75	29.70	8,585.5	14.51
Production1	5 1/2	24,893.0	-5.0		4.55	23.00		



178.Daily Partner Report  
UL 20 PADDLE TAIL B 503H

Report Date: 4/14/2023  
Report #: 24  
Actual Days: 22.75

Well Info

API / UWI 4230136079	Region / Division DELAWARE BASIN	District DELAWARE BASIN SOUTH	Field Name PRIMARY	Original Spud Date 12/8/2022
County LOVING	State/Province TEXAS	Original KB/RT Elevation (ft) 2,855.00	Ground Elevation (ft) 2,823.00	

Job Summary

Job Category DRILLING	Last Casing String Intermediate1, 11,420.0ftKB	AFE Dur Total (days) 26.52	Total AFE (Cost) 5,317,773.41	Cumulative Cost (Cost) 3,367,616.76
--------------------------	---	-------------------------------	----------------------------------	--

Daily Ops Summary

Rig (Names) NABORS DRILLING NABORS X04	Wellbore Original Hole	End Depth (ftKB) 22,888.0	Depth Progress (ft) 1,357.00	Daily Cost Total (Cost) 98,419.21
Weather	Hole Condition	Drilling Hours (hr) 18.00	Avg ROP (ft/hr) 75.4	Cum TL Days from Spud (...) 18.42

Ops and Depth @ Morning Report  
DRILLING 6 3/4" LATERAL @ 22,888'

Last 24hr Summary  
TIH F/19,000' - T/21,400', WASH AND REAM F/21,400' T/21,531'. DRILL 6 3/4" LATERAL F/21,531' T/22,888'.

HAUL OFFS: 2  
TOTAL HAULED: 61

24hr Forecast  
DRILL 6 3/4" LATERAL T/24,923' +/-.

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	07:30	1.50	PROD1	DRILL	TRIP	T	21,531.0	21,531.0	TIH F/19,000' - T/21,400'.
07:30	08:15	0.75	PROD1	DRILL	REAM	T	21,531.0	21,531.0	WASH AND REAM F/21,400' T/21,531'.
08:15	09:00	0.75	PROD1	DRILL	DRLG	P	21,531.0	21,578.0	ROTATE DRILL 6 3/4" LATERAL F/21,531' - T/21,578' (47' @ 63 FPH) WOB:32, RPM:80, GPM:330, SPP:6,400, DIFF:800, MMRPM:218, TQ:18K.
09:00	10:45	1.75	PROD1	DRILL	CIRC	T	21,578.0	21,578.0	AFTER SHOOTING SURVEY, GORDON INFORMED US OF SEEING SOME MAGNETIC INTERFERENCE, MOST LIKELY FROM A "HOT MOTOR". NEED TO SHOOT 4 CHECK SHOTS FOR PROGRAM TO BE ABLE TO PROPERLY CALIBRATE. RACK BACK ONE STAND AND SHOOT CHECK SHOTS EVERY 20' ON PREVIOUSLY DRILLED STAND.
10:45	11:00	0.25	PROD1	DRILL	DRLG	P	21,578.0	21,590.0	ROTATE DRILL 6 3/4" LATERAL F/21,578' - T/21,590' (12' @ 48 FPH) WOB:32, RPM:80, GPM:330, SPP:6,400, DIFF:800, MMRPM:218, TQ:18K.
11:00	12:15	1.25	PROD1	DRILL	DDRL	P	21,590.0	21,630.0	SLIDE DRILL 6 3/4" LATERAL F/21,590' - T/21,630' (40' @ 32 FPH) WOB:45, GPM:330, SPP:5,750, DIFF:100, MMRPM:218, GTF:100°L
12:15	15:00	2.75	PROD1	DRILL	DRLG	P	21,630.0	21,895.0	ROTATE DRILL 6 3/4" LATERAL F/21,630' - T/21,895' (265' @ 96 FPH) WOB:32, RPM:80, GPM:335, SPP:6,750, DIFF:1050, MMRPM:222, TQ:18-22K.
15:00	16:00	1.00	PROD1	DRILL	DDRL	P	21,895.0	21,920.0	SLIDE DRILL 6 3/4" LATERAL F/21,895' - T/21,920' (25' @ 25 FPH) WOB:48, GPM:335, SPP:5,750, DIFF:100, MMRPM:222, GTF:65°R
16:00	16:30	0.50	PROD1	DRILL	DRLG	P	21,920.0	21,950.0	ROTATE DRILL 6 3/4" LATERAL F/21,920' - T/21,950' (30' @ 60 FPH) WOB:32, RPM:80, GPM:335, SPP:6,750, DIFF:1050, MMRPM:222, TQ:18-22K.
16:30	17:00	0.50	PROD1	DRILL	DDRL	P	21,950.0	21,970.0	SLIDE DRILL 6 3/4" LATERAL F/21,950' - T/21,970' (20' @ 40 FPH) WOB:48, GPM:335, SPP:5,750, DIFF:100, MMRPM:222, GTF:60°R
17:00	18:45	1.75	PROD1	DRILL	DRLG	P	21,970.0	22,124.0	ROTATE DRILL 6 3/4" LATERAL F/21,970' - T/22,124' (154' @ 88 FPH) WOB:32, RPM:80, GPM:335, SPP:6,750, DIFF:1050, MMRPM:222, TQ:18-22K.
18:45	21:00	2.25	PROD1	DRILL	DDRL	P	22,124.0	22,150.0	SLIDE DRILL 6 3/4" LATERAL F/22,124' - T/22,150' (26' @ 11 FPH) WOB:48, GPM:335, SPP:5,750, DIFF:100, MMRPM:222, GTF:45°R.
21:00	21:30	0.50	PROD1	DRILL	DRLG	P	22,150.0	22,213.0	ROTATE DRILL 6 3/4" LATERAL F/22,150' - T/22,213' (63' @ 126 FPH) WOB:32, RPM:80, GPM:335, SPP:6,750, DIFF:1050, MMRPM:222, TQ:18-22K.
21:30	22:30	1.00	PROD1	DRILL	DDRL	P	22,213.0	22,240.0	SLIDE DRILL 6 3/4" LATERAL F/22,213' - T/22,240' (27' @ 27 FPH) WOB:48, GPM:335, SPP:5,750, DIFF:100, MMRPM:222, GTF:70°R.
22:30	23:00	0.50	PROD1	DRILL	DRLG	P	22,240.0	22,309.0	ROTATE DRILL 6 3/4" LATERAL F/22,240' - T/22,309' (69' @ 138 FPH) WOB:32, RPM:80, GPM:335, SPP:6,750, DIFF:1050, MMRPM:222, TQ:18-22K.
23:00	00:15	1.25	PROD1	DRILL	DDRL	P	22,309.0	22,340.0	SLIDE DRILL 6 3/4" LATERAL F/22,309' - T/22,340' (31' @ 24 FPH) WOB:48, GPM:335, SPP:5,750, DIFF:100, MMRPM:222, GTF:70°R.
00:15	03:00	2.75	PROD1	DRILL	DRLG	P	22,340.0	22,666.0	ROTATE DRILL 6 3/4" LATERAL F/22,340' - T/22,666' (326' @ 118 FPH) WOB:32, RPM:80, GPM:335, SPP:6,750, DIFF:1050, MMRPM:222, TQ:18-22K.
03:00	04:00	1.00	PROD1	DRILL	DDRL	P	22,666.0	22,690.0	SLIDE DRILL 6 3/4" LATERAL F/22,666' - T/22,690' (24' @ 24 FPH) WOB:48, GPM:335, SPP:5,750, DIFF:100, MMRPM:222, GTF:160°L.



**Time Log**

Start Time	End Time	Dur (hr)	Phase	Op Code	Activity Code	Time P-T-X	Start Depth (ftKB)	End Depth (ftKB)	Operation
04:00	06:00	2.00	PROD1	DRILL	DRLG	P	22,690.0	22,888.0	ROTATE DRILL 6 3/4" LATERAL F/22,690' - T/22,888' (198' @ 99 FPH) WOB:32, RPM:70, GPM:335, SPP:6,750, DIFF:1050, MMRPM:222, TQ:18-22K.







**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	2		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
3/28/2023	GORDON MWD SURVEYS	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	ACK	616	REC ONDITION ED	D	1	1	1	2150	120.00						
PDC		9 7/8	1.50	DRILFO RMANC E	DF616	Reco nditio ned	S	1	2	3	85379	1,255.00						
PDC		8 3/4	1.00	NOV REED	TKC76-N4	Reco nditio ned	S	3	2	1	A291281	8,439.00						
PDC		6 3/4	0.75	BAKER HUGHE S	DD306WS X	Reco nditio ned	S	1	2	3	5339528	11,435.00						
PDC		6 3/4	0.75	BAKER HUGHE S	DD406TW	Reco nditio ned	S	1	2	3	5336282	12,588.00						
PDC		6 3/4	0.75	DRILFO RMANC E	DF 613	Reco nditio ned	S	1	2	3	25283	21,531.00						

**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		
UBHO SUB		8	3.63	150.00	S135	2.63	1	MWD	REG	6 5/8	REG	6 5/8	* ADD A VENDO R		GT800 S-213		
8" 7/8_5.9 FBH @ 1.50° W/ 9 3/8" NBS		8	0.00	150.00	S135	35.18	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	29.71	1	MWD	IF	4 1/2	IF	4 1/2	* ADD A VENDO R				
6 1/2" UBHO		6.44	3.13	84.60	S135	2.62	1	MWD	IF	4 1/2	IF	4 1/2	* ADD A VENDO R				

**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)
7" MOTOR - 7/8 6.9 FBH W/8 1/4" NBS @ 1.75		7	0.00	117.30	S135	32.04	1	Mud Motor	IF	4 1/2	REG	4 1/2	* ADD A VENDOR				
5" TOOL CARRIER		5.19	2.81	51.50	S135	28.98	1	MWD	XT39	4	XT40	4	* ADD A VENDOR				
5" UBHO		5.19	2.25	58.50	S135	2.35	1	MWD	XT40	4	XT39	4	* ADD A VENDOR				
5" MOTOR - 6/7 8.0 FBH @ 1.83° W/6.125" NBS		5	0.00	66.80	S135	29.27	1	Mud Motor	XT39	4	REG	3 1/2	* ADD A VENDOR				
5" NM TOOL CARRIER		5.19	2.88	67.20		28.98	1	MWD	XT39	4	XT39	4	DTI		525-30-4633		
5" UBHO HIGH FLOW		5.19	2.25	67.20		2.91	1	MWD	XT39	4	XT39	4	* ADD A VENDOR	GORDON	GT-525-008B		
IBEX 5.5" 6/7-8.8 FBH @ 1.75 TS		5 1/2	2.00	80.00		34.95	1	Mud Motor	XT39	4	NC40	4	* ADD A VENDOR		550-IB-001		
5" NM TOOL CARRIER		5.19	2.88	67.20		28.98	1	MWD	XT39	4	XT39	4	DTI		525-30-4633		
5" UBHO HIGH FLOW		5.19	2.25	67.20		3.54	1	MWD	XT39	4	XT39	4	* ADD A VENDOR	GORDON	GT-525-008B		
IBEX 5.5" 6/7-8.8 FBH @ 1.75 TS		5 1/2	2.00	80.00		34.99	1	Mud Motor	XT39	4	NC40	4	* ADD A VENDOR		550-IB-0015		
5" NM TOOL CARRIER		5.27	2.88	67.20		28.16	1	MWD	XT39	4	XT39	4	GORDON		525-30-3191		
5" UBHO HIGH FLOW		5.19	2.25	67.20		3.42	1	MWD	XT39	4	XT39	4	GORDON		GT525-194		
IBEX 5.5" 6/7-8.8 FBH @ 1.75 TS		5.52	2.00	80.00		34.93	1	Mud Motor	XT39	4	NC40	4	* ADD A VENDOR		550-IB-006		

**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)
21,531.0	21,706.0	175.00	8.25	8.25	21.2	335	48	0		0.0	70	275.0
21,706.0	22,888.0	1,357.00	9.75	0.00	121.2	335	30	70		22,000.0		850.0

**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	0.0	11/9/2022	18.94	94.00		
Surface	10 3/4	1,255.0	0.0	12/10/2022	9.88	45.50	1,076.0	16.50
Intermediate1	7 5/8	11,420.0	-6.3	4/2/2023	6.75	29.70	8,585.5	14.51
Production1	5 1/2	24,848.0	-5.2		4.55	23.00		



178.Daily Partner Report  
UL 20 PADDLE TAIL B 503H

Report Date: 4/15/2023  
Report #: 25  
Actual Days: 23.75

Well Info

API / UWI 4230136079	Region / Division DELAWARE BASIN	District DELAWARE BASIN SOUTH	Field Name PRIMARY	Original Spud Date 12/8/2022
County LOVING	State/Province TEXAS	Original KB/RT Elevation (ft) 2,855.00	Ground Elevation (ft) 2,823.00	

Job Summary

Job Category DRILLING	Last Casing String Intermediate1, 11,420.0ftKB	AFE Dur Total (days) 26.52	Total AFE (Cost) 5,317,773.41	Cumulative Cost (Cost) 3,468,261.77
--------------------------	---	-------------------------------	----------------------------------	--

Daily Ops Summary

Rig (Names) NABORS DRILLING NABORS X04	Wellbore Original Hole	End Depth (ftKB) 24,701.0	Depth Progress (ft) 1,813.00	Daily Cost Total (Cost) 100,645.01
Weather	Hole Condition	Drilling Hours (hr) 23.50	Avg ROP (ft/hr) 77.1	Cum TL Days from Spud (...) 19.42

Ops and Depth @ Morning Report  
DRILLING 6 3/4" LATERAL @ 24,701'

Last 24hr Summary  
DRILL 6 3/4" LATERAL F/22,888' - T/24,564', RIG SERVICE, DRILL 6 3/4" LATERAL F/24,564' - T/24,701'.

HAUL OFFS: 0  
TOTAL HAULED: 61

24hr Forecast  
DRILL 6 3/4" LATERAL T/24,860', PERFORM CELAN UP CYCLE, TOH TO RUN 5 1/2" PRODUCTION CASING, L/D BHA, REMOVE WEAR BUSHING, RIG UP & RUN 5 1/2" CASING.

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	PROD1	DRILL	DRLG	P	22,888.0	22,975.0	ROTATE DRILL 6 3/4" LATERAL F/22,888' - T/22,975' (87' @ 174 FPH) WOB:32, RPM:70, GPM:335, SPP:6,750, DIFF:1050, MMRPM:222, TQ:20-23K.
06:30	07:30	1.00	PROD1	DRILL	DDRL	P	22,975.0	23,000.0	SLIDE DRILL 6 3/4" LATERAL F/22,975' - T/23,000' (25' @ 25 FPH) WOB:48, GPM:335, SPP:5,800, DIFF:100, MMRPM:222, GTF:80°R.
07:30	08:45	1.25	PROD1	DRILL	DRLG	P	23,000.0	23,130.0	ROTATE DRILL 6 3/4" LATERAL F/23,000' - T/23,130' (130' @ 104 FPH) WOB:32, RPM:70, GPM:335, SPP:6,750, DIFF:1050, MMRPM:222, TQ:20-23K.
08:45	09:45	1.00	PROD1	DRILL	DDRL	P	23,130.0	23,150.0	SLIDE DRILL 6 3/4" LATERAL F/23,130' - T/23,150' (20' @ 20 FPH) WOB:48, GPM:335, SPP:5,800, DIFF:100, MMRPM:222, GTF:90°R.
09:45	13:00	3.25	PROD1	DRILL	DRLG	P	23,150.0	23,580.0	ROTATE DRILL 6 3/4" LATERAL F/23,150' - T/23,580' (430' @ 132 FPH) WOB:32, RPM:70, GPM:335, SPP:6,800, DIFF:1050, MMRPM:222, TQ:20-24K.
13:00	15:00	2.00	PROD1	DRILL	DDRL	P	23,580.0	23,605.0	SLIDE DRILL 6 3/4" LATERAL F/23,580' - T/23,605' (25' @ 13 FPH) WOB:48, GPM:335, SPP:5,800, DIFF:100, MMRPM:222, GTF:90°R.
15:00	16:30	1.50	PROD1	DRILL	DRLG	P	23,605.0	23,764.0	ROTATE DRILL 6 3/4" LATERAL F/23,605' - T/23,764' (159' @ 106 FPH) WOB:32, RPM:70, GPM:335, SPP:6,800, DIFF:1050, MMRPM:222, TQ:20-24K.
16:30	18:00	1.50	PROD1	DRILL	DDRL	P	23,764.0	23,790.0	SLIDE DRILL 6 3/4" LATERAL F/23,764' - T/23,790' (26' @ 17 FPH) WOB:48, GPM:335, SPP:5,800, DIFF:100, MMRPM:222, GTF:90°R.
18:00	21:00	3.00	PROD1	DRILL	DRLG	P	23,790.0	24,119.0	ROTATE DRILL 6 3/4" LATERAL F/23,790' - T/24,119' (329' @ 109 FPH) WOB:32, RPM:70, GPM:335, SPP:6,800, DIFF:1050, MMRPM:222, TQ:20-24K.
21:00	22:00	1.00	PROD1	DRILL	DDRL	P	24,119.0	24,138.0	SLIDE DRILL 6 3/4" LATERAL F/24,119' - T/24,138' (19' @ 19 FPH) WOB:48, GPM:335, SPP:5,800, DIFF:100, MMRPM:222, GTF:180°.
22:00	23:00	1.00	PROD1	DRILL	DRLG	P	24,138.0	24,228.0	ROTATE DRILL 6 3/4" LATERAL F/24,138' - T/24,228' (90' @ 90 FPH) WOB:32, RPM:70, GPM:335, SPP:6,800, DIFF:1050, MMRPM:222, TQ:20-24K.
23:00	23:45	0.75	PROD1	DRILL	DDRL	P	24,228.0	24,243.0	SLIDE DRILL 6 3/4" LATERAL F/24,228' - T/24,243' (15' @ 20 FPH) WOB:48, GPM:335, SPP:5,800, DIFF:100, MMRPM:222, GTF:180°.
23:45	01:00	1.25	PROD1	DRILL	DRLG	P	24,243.0	24,388.0	ROTATE DRILL 6 3/4" LATERAL F/24,243' - T/24,388' (145' @ 116 FPH) WOB:32, RPM:70, GPM:335, SPP:6,800, DIFF:1050, MMRPM:222, TQ:20-24K.
01:00	03:00	2.00	PROD1	DRILL	DDRL	P	24,388.0	24,410.0	SLIDE DRILL 6 3/4" LATERAL F/24,388' - T/24,410' (22' @ 11 FPH) WOB:48, GPM:335, SPP:5,800, DIFF:100, MMRPM:222, GTF:30°R.
03:00	04:30	1.50	PROD1	DRILL	DRLG	P	24,410.0	24,564.0	ROTATE DRILL 6 3/4" LATERAL F/24,410' - T/24,564' (154' @ 102 FPH) WOB:32, RPM:70, GPM:335, SPP:6,800, DIFF:1050, MMRPM:222, TQ:20-24K.
04:30	05:00	0.50	PROD1	DRILL	SVRG	P	24,564.0	24,564.0	RIG SERVICE.
05:00	06:00	1.00	PROD1	DRILL	DRLG	P	24,564.0	24,701.0	ROTATE DRILL 6 3/4" LATERAL F/24,564' - T/24,701' (137' @ 137 FPH) WOB:32, RPM:70, GPM:335, SPP:6,800, DIFF:1050, MMRPM:222, TQ:20-24K.

Head Count / Manhours

Company	Function	Personnel Type	Count	Time (hr)	Tot Work Time (hr)
NABORS DRILLING TECHNOLOGIES USA	RIG CREW	CONTRACTOR	12		0.00







**Head Count / Manhours**

Company	Function	Personnel Type	Count	Time (hr)	Tot Work Time (hr)
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	2		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
3/28/2023	GORDON MWD SURVEYS	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	ACK	616	REC ONDITIONED	D	1	1	1	2150	120.00						
PDC		9 7/8	1.50	DRILFORMANC E	DF616	Reconditioned	S	1	2	3	85379	1,255.00						
PDC		8 3/4	1.00	NOV REED	TKC76-N4	Reconditioned	S	3	2	1	A291281	8,439.00						
PDC		6 3/4	0.75	BAKER HUGHES	DD306WS X	Reconditioned	S	1	2	3	5339528	11,435.00						
PDC		6 3/4	0.75	BAKER HUGHES	DD406TW	Reconditioned	S	1	2	3	5336282	12,588.00						
PDC		6 3/4	0.75	DRILFORMANC E	DF 613	Reconditioned	S	1	2	3	25283	21,531.00						

**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		
UBHO SUB		8	3.63	150.00	S135	2.63	1	MWD	REG	6 5/8	REG	6 5/8	* ADD A VENDOR		GT800 S-213		
8" 7/8 5.9 FBH @ 1.50° W/ 9 3/8" NBS		8	0.00	150.00	S135	35.18	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	29.71	1	MWD	IF	4 1/2	IF	4 1/2	* ADD A VENDOR				
6 1/2" UBHO		6.44	3.13	84.60	S135	2.62	1	MWD	IF	4 1/2	IF	4 1/2	* ADD A VENDOR				
7" MOTOR - 7/8 6.9 FBH W/8 1/4" NBS @1.75		7	0.00	117.30	S135	32.04	1	Mud Motor	IF	4 1/2	REG	4 1/2	* ADD A VENDOR				
5" TOOL CARRIER		5.19	2.81	51.50	S135	28.98	1	MWD	XT39	4	XT40	4	* ADD A VENDOR				

**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		5.19	2.25	58.50	S135	2.35	1	MWD	XT40	4	XT39	4	* ADD A VENDOR				
5" MOTOR - 6/7 8.0 FBH @ 1.83° W/6.125" NBS		5	0.00	66.80	S135	29.27	1	Mud Motor	XT39	4	REG	3 1/2	* ADD A VENDOR				
5" NM TOOL CARRIER		5.19	2.88	67.20		28.98	1	MWD	XT39	4	XT39	4	DTI		525-30-4633		
5" UBHO HIGH FLOW		5.19	2.25	67.20		2.91	1	MWD	XT39	4	XT39	4	* ADD A VENDOR	GORDON	GT-525-008B		
IBEX 5.5" 6/7-8.8 FBH @ 1.75 TS		5 1/2	2.00	80.00		34.95	1	Mud Motor	XT39	4	NC40	4	* ADD A VENDOR		550-IB-001		
5" NM TOOL CARRIER		5.19	2.88	67.20		28.98	1	MWD	XT39	4	XT39	4	DTI		525-30-4633		
5" UBHO HIGH FLOW		5.19	2.25	67.20		3.54	1	MWD	XT39	4	XT39	4	* ADD A VENDOR	GORDON	GT-525-008B		
IBEX 5.5" 6/7-8.8 FBH @ 1.75 TS		5 1/2	2.00	80.00		34.99	1	Mud Motor	XT39	4	NC40	4	* ADD A VENDOR		550-IB-0015		
5" NM TOOL CARRIER		5.27	2.88	67.20		28.16	1	MWD	XT39	4	XT39	4	GORDON		525-30-3191		
5" UBHO HIGH FLOW		5.19	2.25	67.20		3.42	1	MWD	XT39	4	XT39	4	GORDON		GT525-194		
IBEX 5.5" 6/7-8.8 FBH @ 1.75 TS		5.52	2.00	80.00		34.93	1	Mud Motor	XT39	4	NC40	4	* ADD A VENDOR		550-IB-006		

**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)
22,888.0	23,040.0	1,509.00	9.25	9.25	16.4	335	48	0		0.0	30	275.0
23,040.0	24,701.0	3,170.00	14.25	0.00	116.6	335	30	55		24,000.0		1,000.0

**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	0.0	11/9/2022	18.94	94.00		
Surface	10 3/4	1,255.0	0.0	12/10/2022	9.88	45.50	1,076.0	16.50
Intermediate1	7 5/8	11,420.0	-6.3	4/2/2023	6.75	29.70	8,585.5	14.51
Production1	5 1/2	24,835.0	-6.7		4.55	23.00		



178.Daily Partner Report  
UL 20 PADDLE TAIL B 503H

Report Date: 4/16/2023  
Report #: 26  
Actual Days: 24.75

Well Info

API / UWI 4230136079	Region / Division DELAWARE BASIN	District DELAWARE BASIN SOUTH	Field Name PRIMARY	Original Spud Date 12/8/2022
County LOVING	State/Province TEXAS	Original KB/RT Elevation (ft) 2,855.00	Ground Elevation (ft) 2,823.00	

Job Summary

Job Category DRILLING	Last Casing String Intermediate1, 11,420.0ftKB	AFE Dur Total (days) 26.52	Total AFE (Cost) 5,317,773.41	Cumulative Cost (Cost) 3,542,817.99
--------------------------	---	-------------------------------	----------------------------------	--

Daily Ops Summary

Rig (Names) NABORS DRILLING NABORS X04	Wellbore Original Hole	End Depth (ftKB) 24,860.0	Depth Progress (ft) 159.00	Daily Cost Total (Cost) 74,556.22
Weather	Hole Condition	Drilling Hours (hr) 1.50	Avg ROP (ft/hr) 106.0	Cum TL Days from Spud (...) 20.42

Ops and Depth @ Morning Report

L/D LATERAL BHA 6 3/4" LATERAL @ 24,860'

Last 24hr Summary

DRILL 6 3/4" LATERAL F/24,701' T/24,860', CIRCULATE WELL CLEAN, PERFORM FLOW CHECK, TOO H F/24,860' - T/11,300', REMOVE RCD, TOH F/11,300' - T/BHA.

\*\*\*TD 6 3/4" LATERAL @ 24,680' MD ON 4/16/23 @ 07:30 HRS\*\*\*

\*\*\*NOTIFIED TRRC OF UPCOMING CASING & CEMENT JOB ON 4/16/26 @ 09:00 HRS, SPOKE W/AUDREY OPERATOR #2\*\*\*

HAUL OFFS: 1

TOTAL HAULED: 62

24hr Forecast

TOH TO RUN 5 1/2" PRODUCTION CASING, L/D BHA, REMOVE WEAR BUSHING, RIG UP & RUN 5 1/2" CASING.

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	07:30	1.50	PROD1	DRILL	DRLG	P	24,701.0	24,860.0	ROTATE DRILL 6 3/4" LATERAL F/24,701' - T/24,860' (159' @ 106 FPH) WOB:32, RPM:70, GPM:335, SPP:6,800, DIFF:1050, MMRPM:222, TQ:20-24K.  ***TD 6 3/4" LATERAL @ 24,680' MD ON 4/16/23 @ 07:30 HRS*** ***NOTIFIED TRRC OF UPCOMING CASING & CEMENT JOB ON 4/16/26 @ 09:00 HRS, SPOKE W/AUDREY OPERATOR #2***
07:30	08:00	0.50	PROD1	CASING	CIRC	P	24,860.0	24,860.0	SHOOT FINAL SURVEY, LAY DOWN A SINGLE.
08:00	13:15	5.25	PROD1	CASING	CIRC	P	24,860.0	24,860.0	PERFORM TD CLEAN UP CYCLES @ 360 GPM AND 100 RPM WORKING FULL STAND @ 750 FPH BOTH WAYS. PUMP TD SWEEP AS FOLLOWS: 20 BBL HIGH VISC / 20 BBL ACTIVE / 20 BBL HIGH VISC AT START OF CYCLE. FOLLOW WITH 4 B/U. VERIFY SHAKERS CLEAN.  INITIAL W/PUMPS AND ROTARY: P/U = 191K & 16K TORQUE S/O = 155K & 16K TORQUE PRESSURE @ 360 GPM = 6950 PSI  FINAL W/PUMPS AND ROTARY: P/U = 191K & 12K TORQUE S/O = 165K & 12K TORQUE PRESSURE @ 360 GPM = 6600 PSI
13:15	14:30	1.25	PROD1	CASING	TRIP	P	24,860.0	24,860.0	TOOH F/24,860' T/23,225' WET. HOLE TAKING PROPER FILL.
14:30	15:00	0.50	PROD1	CASING	CIRC	P	24,860.0	24,860.0	PUMP SLUG AND INSTALL AIR SLIPS.
15:00	15:30	0.50	PROD1	CASING	TRIP	P	24,860.0	24,860.0	TOOH F/23,225' T/22,440'. TIGHT SPOT @ 22,440'.
15:30	18:00	2.50	PROD1	CASING	REAM	P	24,860.0	24,860.0	BACKREAM F/22,440' T/22,210' WORKING BACK THROUGH TIGHT SPOTS. DRILL AND REAM GOING THROUGH HIGH DOGLEG SECTION. CIRCULATE ENOUGH TO GET SLUG OUT OF WELL.
18:00	18:30	0.50	PROD1	CASING	TRIP	P	24,860.0	24,860.0	TOOH F/22,210' T/21,939'. TIGHT SPOT @ 21,939'.
18:30	20:30	2.00	PROD1	CASING	REAM	P	24,860.0	24,860.0	TOH F/21,939' T/20,652' WORKING BACK & REAMING THROUGH TIGHT SPOTS. MOTOR GOING THROUGH HIGH DOGLEG SECTION.
20:30	20:45	0.25	PROD1	CASING	OWFF	P	24,860.0	24,860.0	FLOW CHECK (WELL STATIC) & PUMP SLUG.
20:45	00:00	3.25	PROD1	CASING	TRIP	P	24,860.0	24,860.0	TOH TO RUN 5 1/2" PRODUCTION CASING F/20,652' - T/11,300'.
00:00	00:30	0.50	PROD1	CASING	OTHR	P	24,860.0	24,860.0	REMOVE ROTATNG HEAD & INSTALL TRIP NIPPLE.
00:30	06:00	5.50	PROD1	CASING	TRIP	P	24,860.0	24,860.0	TOH F/11,300' - T/106'

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









**Head Count / Manhours**

Company	Function	Personnel Type	Count	Time (hr)	Tot Work Time (hr)
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	2		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
3/28/2023	GORDON MWD SURVEYS	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	ACK	616	REC ONDITION ED	D	1	1	1	2150	120.00						
PDC		9 7/8	1.50	DRILFO RMANC E	DF616	Reco nditio ned	S	4	2	3	85379	1,255.00						
PDC		8 3/4	1.00	NOV REED	TKC76-N4	Reco nditio ned	M	4	2	4	A291281	8,439.00						
PDC		6 3/4	0.75	BAKER HUGHE S	DD306WS X	Reco nditio ned	S	2	3	3	5339528	11,435.00						
PDC		6 3/4	0.75	BAKER HUGHE S	DD406TW	Reco nditio ned	M	2	3	3	5336282	12,588.00						
PDC		6 3/4	0.75	DRILFO RMANC E	DF 613	Reco nditio ned	S	1	2	3	25283	21,531.00						

**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		
UBHO SUB		8	3.63	150.00	S135	2.63	1	MWD	REG	6 5/8	REG	6 5/8	* ADD A VENDOR		GT800 S-213		
8" 7/8 5.9 FBH @ 1.50° W/ 9 3/8" NBS		8	0.00	150.00	S135	35.18	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	29.71	1	MWD	IF	4 1/2	IF	4 1/2	* ADD A VENDOR				
6 1/2" UBHO		6.44	3.13	84.60	S135	2.62	1	MWD	IF	4 1/2	IF	4 1/2	* ADD A VENDOR				
7" MOTOR - 7/8 6.9 FBH W/8 1/4" NBS @1.75		7	0.00	117.30	S135	32.04	1	Mud Motor	IF	4 1/2	REG	4 1/2	* ADD A VENDOR				
5" TOOL CARRIER		5.19	2.81	51.50	S135	28.98	1	MWD	XT39	4	XT40	4	* ADD A VENDOR				
5" UBHO		5.19	2.25	58.50	S135	2.35	1	MWD	XT40	4	XT39	4	* ADD A VENDOR				

**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" MOTOR - 6/7 8.0 FBH @ 1.83° W/6.125" NBS		5	0.00	66.80	S135	29.27	1	Mud Motor	XT39	4	REG	3 1/2	* ADD A VENDOR				
5" NM TOOL CARRIER		5.19	2.88	67.20		28.98	1	MWD	XT39	4	XT39	4	DTI		525-30-4633		
5" UBHO HIGH FLOW		5.19	2.25	67.20		2.91	1	MWD	XT39	4	XT39	4	* ADD A VENDOR	GORDON	GT-525-008B		
IBEX 5.5" 6/7-8.8 FBH @1.75 TS		5 1/2	2.00	80.00		34.95	1	Mud Motor	XT39	4	NC40	4	* ADD A VENDOR		550-IB-001		
5" NM TOOL CARRIER		5.19	2.88	67.20		28.98	1	MWD	XT39	4	XT39	4	DTI		525-30-4633		
5" UBHO HIGH FLOW		5.19	2.25	67.20		3.54	1	MWD	XT39	4	XT39	4	* ADD A VENDOR	GORDON	GT-525-008B		
IBEX 5.5" 6/7-8.8 FBH @1.75 TS		5 1/2	2.00	80.00		34.99	1	Mud Motor	XT39	4	NC40	4	* ADD A VENDOR		550-IB-0015		
5" NM TOOL CARRIER		5.27	2.88	67.20		28.16	1	MWD	XT39	4	XT39	4	GORDON		525-30-3191		
5" UBHO HIGH FLOW		5.19	2.25	67.20		3.42	1	MWD	XT39	4	XT39	4	GORDON		GT525-194		
IBEX 5.5" 6/7-8.8 FBH @1.75 TS		5.52	2.00	80.00		34.93	1	Mud Motor	XT39	4	NC40	4	* ADD A VENDOR		550-IB-006		

**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)
24,701.0	24,860.0	3,329.00	1.50	0.00	106.0	335	30	55		24,000.0		1,000.0

**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	0.0	11/9/2022	18.94	94.00		
Surface	10 3/4	1,255.0	0.0	12/10/2022	9.88	45.50	1,076.0	16.50
Intermediate1	7 5/8	11,420.0	-6.3	4/2/2023	6.75	29.70	8,585.5	14.51
Production1	5 1/2	24,835.0	-6.7	4/17/2023	4.55	23.00		





178.Daily Partner Report  
UL 20 PADDLE TAIL B 503H

Report Date: 4/17/2023  
Report #: 27  
Actual Days: 25.75

Well Info

API / UWI 4230136079	Region / Division DELAWARE BASIN	District DELAWARE BASIN SOUTH	Field Name PRIMARY	Original Spud Date 12/8/2022
County LOVING	State/Province TEXAS	Original KB/RT Elevation (ft) 2,855.00	Ground Elevation (ft) 2,823.00	

Job Summary

Job Category DRILLING	Last Casing String Intermediate1, 11,420.0ftKB	AFE Dur Total (days) 26.52	Total AFE (Cost) 5,317,773.41	Cumulative Cost (Cost) 4,737,417.69
--------------------------	---	-------------------------------	----------------------------------	--

Daily Ops Summary

Rig (Names) NABORS DRILLING NABORS X04	Wellbore Original Hole	End Depth (ftKB) 24,860.0	Depth Progress (ft) 0.00	Daily Cost Total (Cost) 1,194,599.70
Weather	Hole Condition	Drilling Hours (hr)	Avg ROP (ft/hr)	Cum TL Days from Spud (...) 21.42

Ops and Depth @ Morning Report

RUNNING 5 1/2" CASING @ 24,535' 6 3/4" LATERAL @ 24,860'

Last 24hr Summary

L/D 6 3/4" LATERAL BHA, PULL WEAR BUSHING, RIG UP AND RUN 5 1/2" PRODUCTION CASING F/SURFACE T/24,535'.

HAUL OFFS: 2

TOTAL HAULED: 64

24hr Forecast

LAND OUT 5 1/2" CASING, RIG DOWN CASING CREW, FLOW CHECK (OFFLINE CEMENT JOB), L/D LANDING JT, SET & TEST PACK OFF, NIPPLE DOWN BOP & SKID TO UL 20 PADDLE TAIL A #502H.

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	07:15	1.25	PROD1	CASING	BHAH	P	24,860.0	24,860.0	PJSM. LAY DOWN DIRECTIONAL BHA AS FOLLOWS: LAY DOWN ACCELGLIDE, FLOAT SUB, AND MONEL. PICK UP AND DRAIN MOTOR, BREAK BIT. LAY DOWN TOOL CARRIER, UBHO, AND MOTOR.
07:15	07:30	0.25	PROD1	CASING	WBPL	P	24,860.0	24,860.0	PICK UP TEST JOINT AND PULL 11" WEAR BUSHING.
07:30	08:00	0.50	PROD1	CASING	OTHR	P	24,860.0	24,860.0	CLEAN AND CLEAR FLOOR IN PREPARATION FOR 5 1/2" CASING RUN.
08:00	09:45	1.75	PROD1	CASING	RURD	P	24,860.0	24,860.0	PJSM. RIG UP BYRD CASING TOOLS AND T&T TORQUE TURN. RIG UP CRT. PICK UP JOINT #1 AND PERFORM DUMP TEST, LAY DOWN SAME. PICK UP SHOE TRACK AND TEST FLOATS.
09:45	06:00	20.25	PROD1	CASING	RNCS	P	24,860.0	24,860.0	RUN 5 1/2" 23# P110CY TO 24,535' (FULL CASING DETAILS TO FOLLOW ON TOMORROWS REPORT).  NOTE: SWAPPING PUMPS F/4.75" LINERS TO 5.5" LINERS.

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	2		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
3/28/2023	GORDON MWD SURVEYS	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	ACK	616	REC ONDITION ED	D	1	1	1	2150	120.00						
PDC		9 7/8	1.50	DRILFO RMANC E	DF616	Reco nditio ned	S	4	2	3	85379	1,255.00						
PDC		8 3/4	1.00	NOV REED	TKC76-N4	Reco nditio ned	M	4	2	4	A291281	8,439.00						

**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		6 3/4	0.75	BAKER HUGHES	DD306WS X	Reconditioned	S	2	3	3	5339528	11,435.00						
PDC		6 3/4	0.75	BAKER HUGHES	DD406TW	Reconditioned	M	2	3	3	5336282	12,588.00						
PDC		6 3/4	0.75	DRILFO RMANCE	DF 613	Reconditioned	S	1	2	3	25283	21,531.00						

**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		
UBHO SUB		8	3.63	150.00	S135	2.63	1	MWD	REG	6 5/8	REG	6 5/8	* ADD A VENDOR		GT800 S-213		
8" 7/8 5.9 FBH @ 1.50° W/ 9 3/8" NBS		8	0.00	150.00	S135	35.18	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	29.71	1	MWD	IF	4 1/2	IF	4 1/2	* ADD A VENDOR				
6 1/2" UBHO		6.44	3.13	84.60	S135	2.62	1	MWD	IF	4 1/2	IF	4 1/2	* ADD A VENDOR				
7" MOTOR - 7/8 6.9 FBH W/ 1/4" NBS @ 1.75		7	0.00	117.30	S135	32.04	1	Mud Motor	IF	4 1/2	REG	4 1/2	* ADD A VENDOR				
5" TOOL CARRIER		5.19	2.81	51.50	S135	28.98	1	MWD	XT39	4	XT40	4	* ADD A VENDOR				
5" UBHO		5.19	2.25	58.50	S135	2.35	1	MWD	XT40	4	XT39	4	* ADD A VENDOR				
5" MOTOR - 6/7 8.0 FBH @ 1.83° W/ 6.125" NBS		5	0.00	66.80	S135	29.27	1	Mud Motor	XT39	4	REG	3 1/2	* ADD A VENDOR				
5" NM TOOL CARRIER		5.19	2.88	67.20		28.98	1	MWD	XT39	4	XT39	4	DTI		525-30-4633		
5" UBHO HIGH FLOW		5.19	2.25	67.20		2.91	1	MWD	XT39	4	XT39	4	* ADD A VENDOR	GORDON	GT-525-008B		
IBEX 5.5" 6/7-8.8 FBH @ 1.75 TS		5 1/2	2.00	80.00		34.95	1	Mud Motor	XT39	4	NC40	4	* ADD A VENDOR		550-IB-001		
5" NM TOOL CARRIER		5.19	2.88	67.20		28.98	1	MWD	XT39	4	XT39	4	DTI		525-30-4633		
5" UBHO HIGH FLOW		5.19	2.25	67.20		3.54	1	MWD	XT39	4	XT39	4	* ADD A VENDOR	GORDON	GT-525-008B		



178.Daily Partner Report  
UL 20 PADDLE TAIL B 503H

Report Date: 4/17/2023  
Report #: 27  
Actual Days: 25.75

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)
IBEX 5.5" 6/7-8.8 FBH @ 1.75 TS		5 1/2	2.00	80.00		34.99	1	Mud Motor	XT39	4	NC40	4	* ADD A VENDOR		550-IB-0015		
5" NM TOOL CARRIER		5.27	2.88	67.20		28.16	1	MWD	XT39	4	XT39	4	GORDON		525-30-3191		
5" UBHO HIGH FLOW		5.19	2.25	67.20		3.42	1	MWD	XT39	4	XT39	4	GORDON		GT525-194		
IBEX 5.5" 6/7-8.8 FBH @ 1.75 TS		5.52	2.00	80.00		34.93	1	Mud Motor	XT39	4	NC40	4	* ADD A VENDOR		550-IB-006		

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	0.0	11/9/2022	18.94	94.00		
Surface	10 3/4	1,255.0	0.0	12/10/2022	9.88	45.50	1,076.0	16.50
Intermediate1	7 5/8	11,420.0	-6.3	4/2/2023	6.75	29.70	8,585.5	14.51
Production1	5 1/2	24,835.0	-6.7	4/17/2023	4.55	23.00		



178.Daily Partner Report  
UL 20 PADDLE TAIL B 503H

Report Date: 4/18/2023  
Report #: 28  
Actual Days: 25.94

Well Info

API / UWI 4230136079	Region / Division DELAWARE BASIN	District DELAWARE BASIN SOUTH	Field Name PRIMARY	Original Spud Date 12/8/2022
County LOVING	State/Province TEXAS	Original KB/RT Elevation (ft) 2,855.00	Ground Elevation (ft) 2,823.00	

Job Summary

Job Category DRILLING	Last Casing String Intermediate1, 11,420.0ftKB	AFE Dur Total (days) 26.52	Total AFE (Cost) 5,317,773.41	Cumulative Cost (Cost) 4,757,232.09
--------------------------	---	-------------------------------	----------------------------------	--

Daily Ops Summary

Rig (Names) NABORS DRILLING NABORS X04	Wellbore Original Hole	End Depth (ftKB) 24,860.0	Depth Progress (ft) 0.00	Daily Cost Total (Cost) 19,814.40
Weather	Hole Condition	Drilling Hours (hr)	Avg ROP (ft/hr)	Cum TL Days from Spud (...) 21.60

Ops and Depth @ Morning Report

RIG RELEASE @ 10:30 HRS ON 4/18/23 FINAL DRILLING REPORT

Last 24hr Summary

RUN 5 1/2" #23 P-110CY CASING F/24,535' - T/24,835', L/D LANDING JOINT, INSTALL & TEST PACK OFF, NIPPLE DOWN BOP & SKID RIG TO THE UL 20 PADDLE TAIL A #502H.

\*\*\*RIG RELEASE NABORS X04 @ 10:30 ON 4/18/23. PREPARE TO SKID RIG TO UL 20 PADDLE TAIL A 502H. 16,926 GALLONS OF RIG DIESEL AND 10,763 GALLONS OF MUD DIESEL TO BE TRANSFERED\*\*\*

\*\*\*CEMENTING DETAILS IN OFFLINE REPORT\*\*\*

24hr Forecast

FINAL DRILLING REPORT

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	PROD1	CASING	RNCS	P	24,860.0	24,860.0	RAN 305 JTS OF 5 1/2" 23# P110CY W441, CROSSOVER AND 247 JTS OF 5 1/2" 23# P110CY TXP CASING. TOTAL PIPE IS 24,841.65 SET @ 24,835'. TXP MJ @ 10,785', NCS FLOTATION SUB @ 10,640', XO @ 10,888', LC @ 24,799', FC @ 24,815', FS @ 24,832'. LAND HANGER WITH CAMERON, 185K S/O.
06:30	08:00	1.50	PROD1	WHDBOP	RURD	P	24,860.0	24,860.0	BACK OUT LANDING JOINT AND L/D SAME. R/D BYRD CASING CREW AND T&T TORQUE TURN.
08:00	09:00	1.00	PROD1	WHDBOP	DHEQ	P	24,860.0	24,860.0	PICK UP TEST JOINT AND INSTALL PACK-OFF. TEST SEALS TO 250 PSI LOW FOR 10 MINS AND 10,000 PSI HIGH FOR 10 MINS.
09:00	10:30	1.50	PROD1	WHDBOP	NUND	P	24,860.0	24,860.0	NIPPLE DOWN BOP AND PREPARE TO SKID RIG 30'.  ***RIG RELEASE NABORS X04 @ 10:30 ON 4/18/23. PREPARE TO SKID RIG TO UL 20 PADDLE TAIL A 502H. 16,926 GALLONS OF RIG DIESEL AND 10,763 GALLONS OF MUD DIESEL TO BE TRANSFERED. FINAL DRILLING REPORT FOR UL 20 PADDLE TAIL B 503H***

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	2		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
3/28/2023	GORDON MWD SURVEYS	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	ACK	616	RECONDITIONED	D	1	1	1	2150	120.00						
PDC		9 7/8	1.50	DRILFORMANCE	DF616	Reconditioned	S	4	2	3	85379	1,255.00						






**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		8 3/4	1.00	NOV REED	TKC76-N4	Reconditio ned	M	4	2	4	A291281	8,439.00						
PDC		6 3/4	0.75	BAKER HUGHE S	DD306WS X	Reconditio ned	S	2	3	3	5339528	11,435.00						
PDC		6 3/4	0.75	BAKER HUGHE S	DD406TW	Reconditio ned	M	2	3	3	5336282	12,588.00						
PDC		6 3/4	0.75	DRILFO RMANC E	DF 613	Reconditio ned	S	1	2	3	25283	21,531.00						

**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		
UBHO SUB		8	3.63	150.00	S135	2.63	1	MWD	REG	6 5/8	REG	6 5/8	* ADD A VENDOR		GT800 S-213		
8" 7/8 5.9 FBH @ 1.50° W/ 9 3/8" NBS		8	0.00	150.00	S135	35.18	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	29.71	1	MWD	IF	4 1/2	IF	4 1/2	* ADD A VENDOR				
6 1/2" UBHO		6.44	3.13	84.60	S135	2.62	1	MWD	IF	4 1/2	IF	4 1/2	* ADD A VENDOR				
7" MOTOR - 7/8 6.9 FBH W/8 1/4" NBS @1.75		7	0.00	117.30	S135	32.04	1	Mud Motor	IF	4 1/2	REG	4 1/2	* ADD A VENDOR				
5" TOOL CARRIER		5.19	2.81	51.50	S135	28.98	1	MWD	XT39	4	XT40	4	* ADD A VENDOR				
5" UBHO		5.19	2.25	58.50	S135	2.35	1	MWD	XT40	4	XT39	4	* ADD A VENDOR				
5" MOTOR - 6/7 8.0 FBH @ 1.83° W/6.125" NBS		5	0.00	66.80	S135	29.27	1	Mud Motor	XT39	4	REG	3 1/2	* ADD A VENDOR				
5" NM TOOL CARRIER		5.19	2.88	67.20		28.98	1	MWD	XT39	4	XT39	4	DTI		525-30-4633		
5" UBHO HIGH FLOW		5.19	2.25	67.20		2.91	1	MWD	XT39	4	XT39	4	* ADD A VENDOR	GORDON	GT-525-008B		
IBEX 5.5" 6/7-8.8 FBH @1.75 TS		5 1/2	2.00	80.00		34.95	1	Mud Motor	XT39	4	NC40	4	* ADD A VENDOR		550-IB-001		
5" NM TOOL CARRIER		5.19	2.88	67.20		28.98	1	MWD	XT39	4	XT39	4	DTI		525-30-4633		

### 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		3.54	1	MWD	XT39	4	XT39	4	* ADD A VENDOR	GORDON	GT-525-008B		
IBEX 5.5" 6/7-8.8 FBH @1.75 TS		5 1/2	2.00	80.00		34.99	1	Mud Motor	XT39	4	NC40	4	* ADD A VENDOR		550-IB-0015		
5" NM TOOL CARRIER		5.27	2.88	67.20		28.16	1	MWD	XT39	4	XT39	4	GORDON		525-30-3191		
5" UBHO HIGH FLOW		5.19	2.25	67.20		3.42	1	MWD	XT39	4	XT39	4	GORDON		GT525-194		
IBEX 5.5" 6/7-8.8 FBH @1.75 TS		5.52	2.00	80.00		34.93	1	Mud Motor	XT39	4	NC40	4	* ADD A VENDOR		550-IB-006		

### 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	0.0	11/9/2022	18.94	94.00		
Surface	10 3/4	1,255.0	0.0	12/10/2022	9.88	45.50	1,076.0	16.50
Intermediate1	7 5/8	11,420.0	-6.3	4/2/2023	6.75	29.70	8,585.5	14.51
Production1	5 1/2	24,835.0	-6.7	4/17/2023	4.55	23.00		



178.Daily Partner Report  
UL 20 PADDLE TAIL B 503H

Report Date: 3/28/2023  
Report #: 7  
Actual Days: 5.75

Well Info

API / UWI 4230136079	Region / Division DELAWARE BASIN	District DELAWARE BASIN SOUTH	Field Name PRIMARY	Original Spud Date 12/8/2022
County LOVING	State/Province TEXAS	Original KB/RT Elevation (ft) 2,855.00	Ground Elevation (ft) 2,823.00	

Job Summary

Job Category DRILLING	Last Casing String Surface, 1,255.0ftKB	AFE Dur Total (days) 3.50	Total AFE (Cost) 5,317,773.41	Cumulative Cost (Cost) 795,899.74
--------------------------	--	------------------------------	----------------------------------	--------------------------------------

Daily Ops Summary

Rig (Names) NABORS DRILLING NABORS X04	Wellbore Original Hole	End Depth (ftKB) 4,206.0	Depth Progress (ft) 2,951.00	Daily Cost Total (Cost) 117,788.00
Weather	Hole Condition	Drilling Hours (hr) 18.00	Avg ROP (ft/hr) 163.9	Cum TL Days from Spud (...) 1.42

Ops and Depth @ Morning Report

DRILLING 9 7/8" VERTICAL @ 4,206'

Last 24hr Summary

TIH F/119' - T/1,211', INSTALL RCD, DRILL OUT 10 3/4" SHOE TRACK & 10' NEW FORMATION T/1,265', CIRCULATE B/U & PERFORM FIT TO 16.5 PPG EMW (GOOD FIT), DRILL 9 7/8" VERTICAL F/1,265' - T/3,950', CHANGE GASKET ON STANDPIPE, DRILL 9 7/8" VERTICAL F/3,950' - T/4,206'.

\*\*\*START 9 7/8" INTERMEDIATE @ 1,255' ON 3/28/23 07:45\*\*\*

HAUL OFFS: 5  
TOTAL HAULED: 5

24hr Forecast

DRILL 9 7/8" INTERMEDIATE HOLE T/+-8,000'.

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	06:45	0.75	INTRM1	MOVE	TRIP	P	1,255.0	1,255.0	TIH F/119' T/754' W/7 1/2" DCS AND 5 1/2" HWDP.
06:45	07:15	0.50	INTRM1	MOVE	TRIP	P	1,255.0	1,255.0	TIH F/754' T/1,211'.
07:15	07:45	0.50	INTRM1	MOVE	CIRC	P	1,255.0	1,255.0	INSTALL ROTATING HEAD. FILL HOLE AND SHAKER TANK. CHECK LINES FOR LEAKS. CENTER BOP.
07:45	09:00	1.25	INTRM1	MOVE	COCF	P	1,255.0	1,265.0	DRILL 10 3/4" SHOETRACK F/1,211' T/1,255', DRILL 10' OF NEW FORMATION F/1,255' T/1,265'.
09:00	09:45	0.75	INTRM1	MOVE	FIT	P	1,265.0	1,265.0	***START 9 7/8" INTERMEDIATE @ 1,255' ON 3/28/23 07:45*** CBU AND PERFORM FIT TO 16.5 PPG EMW W/10.2 PPG BRINE. GOOD TEST.
09:45	13:15	3.50	INTRM1	DRILL	DRLG	P	1,265.0	2,023.0	ROTATE DRILL 9 7/8" VERTICAL F/1,265' - T/2,023' (758' @ 217 FPH) WOB:45, RPM:75, GPM:800, SPP:2,900, DIFF:550, MMRPM:133, TQ:14K.
13:15	13:30	0.25	INTRM1	DRILL	DDRL	P	2,023.0	2,088.0	SLIDE DRILL 9 7/8" VERTICAL F/2,023' - T/2,088' (65' @ 260 FPH) WOB:45, GPM:800, SPP:2,850, DIFF:500, MMRPM:133, MTF:16°.
13:30	13:45	0.25	INTRM1	DRILL	DRLG	P	2,088.0	2,115.0	ROTATE DRILL 9 7/8" VERTICAL F/2,088' - T/2,115' (27' @ 108 FPH) WOB:45, RPM:75, GPM:800, SPP:2,900, DIFF:550, MMRPM:133, TQ:14K.
13:45	14:00	0.25	INTRM1	DRILL	DDRL	P	2,115.0	2,172.0	SLIDE DRILL 9 7/8" VERTICAL F/2,115' - T/2,172' (57' @ 228 FPH) WOB:45, GPM:800, SPP:2,850, DIFF:500, MMRPM:133, MTF:16°.
14:00	14:15	0.25	INTRM1	DRILL	DRLG	P	2,172.0	2,204.0	ROTATE DRILL 9 7/8" VERTICAL F/2,172' - T/2,204' (32' @ 128 FPH) WOB:45, RPM:75, GPM:800, SPP:2,900, DIFF:550, MMRPM:133, TQ:14K.
14:15	15:15	1.00	INTRM1	DRILL	CIRC	T	2,204.0	2,204.0	NABORS RIGCLOUD FROZE UP, MOST PASON TRACES FEED FROM RIGCLOUD. CIRCULATE AT REDUCED RATE WHILE WAITING ON THE SYSTEM TO RE-START.
15:15	15:45	0.50	INTRM1	DRILL	DRLG	P	2,204.0	2,389.0	ROTATE DRILL 9 7/8" VERTICAL F/2,204' - T/2,389' (185' @ 370 FPH) WOB:45, RPM:75, GPM:800, SPP:2,900, DIFF:550, MMRPM:133, TQ:14K.
15:45	16:15	0.50	INTRM1	DRILL	DDRL	P	2,389.0	2,447.0	SLIDE DRILL 9 7/8" VERTICAL F/2,389' - T/2,447' (58' @ 116 FPH) WOB:45, GPM:800, SPP:2,850, DIFF:500, MMRPM:133, MTF:30R.
16:15	17:30	1.25	INTRM1	DRILL	DRLG	P	2,447.0	2,682.0	ROTATE DRILL 9 7/8" VERTICAL F/2,447' - T/2,682' (235' @ 188 FPH) WOB:45, RPM:75, GPM:800, SPP:2,900, DIFF:550, MMRPM:133, TQ:14K.
17:30	17:45	0.25	INTRM1	DRILL	DDRL	P	2,682.0	2,752.0	SLIDE DRILL 9 7/8" VERTICAL F/2,682' - T/2,752' (70' @ 280 FPH) WOB:45, GPM:800, SPP:2,850, DIFF:500, MMRPM:133, MTF:30R.
17:45	18:15	0.50	INTRM1	DRILL	SVRG	P	2,752.0	2,752.0	RIG SERVICE - SERVICE TOP DRIVE.
18:15	19:45	1.50	INTRM1	DRILL	DRLG	P	2,752.0	3,050.0	ROTATE DRILL 9 7/8" VERTICAL F/2,752' - T/3,050' (298' @ 198 FPH) WOB:45, RPM:80, GPM:800, SPP:2,900, DIFF:550, MMRPM:133, TQ:14K.
19:45	20:15	0.50	INTRM1	DRILL	DDRL	P	3,050.0	3,078.0	SLIDE DRILL 9 7/8" VERTICAL F/3,050' - T/3,078' (28' @ 56 FPH) WOB:45, GPM:800, SPP:2,850, DIFF:500, MMRPM:133, MTF:180°.



**Time Log**

Start Time	End Time	Dur (hr)	Phase	Op Code	Activity Code	Time P-T-X	Start Depth (ftKB)	End Depth (ftKB)	Operation
20:15	22:00	1.75	INTRM1	DRILL	DRLG	P	3,078.0	3,394.0	ROTATE DRILL 9 7/8" VERTICAL F/3,078' - T/3,394' (316' @ 180 FPH) WOB:50, RPM:80, GPM:800, SPP:2,900, DIFF:550, MMRPM:133, TQ:14K.
22:00	22:45	0.75	INTRM1	DRILL	DDRL	P	3,394.0	3,420.0	SLIDE DRILL 9 7/8" VERTICAL F/3,394' - T/3,420' (26' @ 34 FPH) WOB:45, GPM:800, SPP:2,850, DIFF:500, MMRPM:133, MTF:90°L.
22:45	00:30	1.75	INTRM1	DRILL	DRLG	P	3,420.0	3,765.0	ROTATE DRILL 9 7/8" VERTICAL F/3,420' - T/3,765' (345' @ 197 FPH) WOB:50, RPM:80, GPM:800, SPP:2,900, DIFF:550, MMRPM:133, TQ:14K.
00:30	00:45	0.25	INTRM1	DRILL	DDRL	P	3,765.0	3,780.0	SLIDE DRILL 9 7/8" VERTICAL F/3,765' - T/3,780' (15' @ 60 FPH) WOB:45, GPM:800, SPP:2,850, DIFF:500, MMRPM:133, MTF:25°L.
00:45	01:15	0.50	INTRM1	DRILL	DRLG	P	3,780.0	3,857.0	ROTATE DRILL 9 7/8" VERTICAL F/3,780' - T/3,857' (77' @ 154 FPH) WOB:50, RPM:80, GPM:800, SPP:2,900, DIFF:550, MMRPM:133, TQ:14K.
01:15	02:00	0.75	INTRM1	DRILL	DDRL	P	3,857.0	3,880.0	SLIDE DRILL 9 7/8" VERTICAL F/3,857' - T/3,880' (23' @ 30 FPH) WOB:45, GPM:800, SPP:2,850, DIFF:500, MMRPM:133, MTF:25°.
02:00	02:30	0.50	INTRM1	DRILL	DRLG	P	3,880.0	3,950.0	ROTATE DRILL 9 7/8" VERTICAL F/3,880' - T/3,950' (70' @ 280 FPH) WOB:50, RPM:80, GPM:800, SPP:2,900, DIFF:550, MMRPM:133, TQ:14K.
02:30	03:15	0.75	INTRM1	DRILL	RGRP	P	3,950.0	3,950.0	CHANGE OUT O-RING ON 4" HAMMER UNION ON #2 MUD PUMP.
03:15	03:45	0.50	INTRM1	DRILL	DDRL	P	3,950.0	3,965.0	SLIDE DRILL 9 7/8" VERTICAL F/3,950' - T/3,965' (15' @ 30 FPH) WOB:45, GPM:650, SPP:1,895, DIFF:100, MMRPM:108, MTF:50°R.
03:45	04:15	0.50	INTRM1	DRILL	DRLG	P	3,965.0	4,039.0	ROTATE DRILL 9 7/8" VERTICAL F/3,965' - T/4,039' (74' @ 148 FPH) WOB:50, RPM:80, GPM:800, SPP:2,900, DIFF:550, MMRPM:133, TQ:14K.
04:15	05:00	0.75	INTRM1	DRILL	DDRL	P	4,039.0	4,075.0	SLIDE DRILL 9 7/8" VERTICAL F/4,039' - T/4,075' (36' @ 48 FPH) WOB:45, GPM:800, SPP:2,850, DIFF:500, MMRPM:133, MTF:HS.
05:00	05:15	0.25	INTRM1	DRILL	DRLG	P	4,075.0	4,142.0	ROTATE DRILL 9 7/8" VERTICAL F/4,075' - T/4,142' (67' @ 268 FPH) WOB:50, RPM:80, GPM:800, SPP:2,900, DIFF:550, MMRPM:133, TQ:14K.
05:15	05:30	0.25	INTRM1	DRILL	DDRL	P	4,142.0	4,156.0	SLIDE DRILL 9 7/8" VERTICAL F/4,142' - T/4,156' (14' @ 56 FPH) WOB:45, GPM:800, SPP:2,850, DIFF:500, MMRPM:133, MTF:70°L.
05:30	06:00	0.50	INTRM1	DRILL	DRLG	P	4,156.0	4,206.0	ROTATE DRILL 9 7/8" VERTICAL F/4,156' - T/4,206' (50' @ 100 FPH) WOB:50, RPM:80, GPM:800, SPP:2,900, DIFF:550, MMRPM:133, TQ:14K.



**Head Count / Manhours**

Company	Function	Personnel Type	Count	Time (hr)	Tot Work Time (hr)
INTEGRITY SERVICES LLC	RIG CREW	CONTRACTOR	6		0.00
INTEGRITY SERVICES LLC	TOOL PUSHER/RIG MGR	CONTRACTOR	1		0.00
CONOCOPHILLIPS CO	ONSITE SUPERVISOR	CONTRACTOR	1		0.00
STALLION OILFIELD SERVICES	SOLIDS CONTROL EQUIP/PERSONNEL	CONTRACTOR	1		0.00



**Survey Data**

Date	Des	Survey Company
3/28/2023	GORDON MWD SURVEYS	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	ACK	616	REC ONDITION ED	D	1	1	1	2150	120.00						
PDC		9 7/8	1.50	DRILFO RMANC E	DF616	Reco nditio ned	S	1	2	3	85379	1,255.00						

**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		
UBHO SUB		8	3.63	150.00	S135	2.63	1	MWD	REG	6 5/8	REG	6 5/8	* ADD A VENDOR		GT800 S-213		





178.Daily Partner Report  
UL 20 PADDLE TAIL B 503H

Report Date: 3/28/2023  
Report #: 7  
Actual Days: 5.75

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)
8" 7/8 5.9 FBH @ 1.50° W/ 9 3/8" NBS		8	0.00	150.00	S135	35.18	1	Mud Motor	REG	6 5/8	REG	6 5/8	* ADD A VENDOR		XSH80 046		

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)
1,255.0	1,662.0	407.00	5.00	5.00	81.4	800	30	0		0.0	30	150.0
1,662.0	4,206.0	2,951.00	13.00	0.00	195.7	800	50	60		6,000.0		550.0

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	0.0	11/9/2022	18.94	94.00		
Surface	10 3/4	1,255.0	0.0	12/10/2022	9.88	45.50	1,076.0	16.50



178.Daily Partner Report  
UL 20 PADDLE TAIL B 503H

Report Date: 3/29/2023  
Report #: 8  
Actual Days: 6.75

Well Info

API / UWI 4230136079	Region / Division DELAWARE BASIN	District DELAWARE BASIN SOUTH	Field Name PRIMARY	Original Spud Date 12/8/2022
County LOVING	State/Province TEXAS	Original KB/RT Elevation (ft) 2,855.00	Ground Elevation (ft) 2,823.00	

Job Summary

Job Category DRILLING	Last Casing String Surface, 1,255.0ftKB	AFE Dur Total (days) 3.50	Total AFE (Cost) 5,317,773.41	Cumulative Cost (Cost) 901,083.84
--------------------------	--	------------------------------	----------------------------------	--------------------------------------

Daily Ops Summary

Rig (Names) NABORS DRILLING NABORS X04	Wellbore Original Hole	End Depth (ftKB) 7,700.0	Depth Progress (ft) 3,494.00	Daily Cost Total (Cost) 105,184.10
Weather	Hole Condition	Drilling Hours (hr) 23.50	Avg ROP (ft/hr) 148.7	Cum TL Days from Spud (...) 2.42

Ops and Depth @ Morning Report  
DRILLING 9 7/8" VERTICAL @ 7,700'.

Last 24hr Summary  
DRILL 9 7/8" VERTICAL F/4,206' T/7,700'.

HAUL OFFS: 12  
TOTAL HAULED: 17

24hr Forecast  
DRILL 9 7/8" INTERMEDIATE HOLE.

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	DRILL	DRLG	P	4,206.0	4,306.0	ROTATE DRILL 9 7/8" VERTICAL F/4,206' - T/4,306' (100' @ 200 FPH) WOB:50, RPM:80, GPM:800, SPP:2,900, DIFF:550, MMRPM:133, TQ:14K.
06:30	07:00	0.50	INTRM1	DRILL	DDRL	P	4,306.0	4,352.0	SLIDE DRILL 9 7/8" VERTICAL F/4,306' - T/4,352' (46' @ 92 FPH) WOB:45, GPM:800, SPP:2,850, DIFF:500, MMRPM:133, TF:HS°.
07:00	08:15	1.25	INTRM1	DRILL	DRLG	P	4,352.0	4,500.0	ROTATE DRILL 9 7/8" VERTICAL F/4,352' - T/4,500' (148' @ 118.4 FPH) WOB:50, RPM:80, GPM:800, SPP:3,400, DIFF:700, MMRPM:133, TQ:13K.
08:15	09:00	0.75	INTRM1	DRILL	DDRL	P	4,500.0	4,571.0	SLIDE DRILL 9 7/8" VERTICAL F/4,500' - T/4,571' (46' @ 92 FPH) WOB:45, GPM:800, SPP:3,300, DIFF:400, MMRPM:133, TF:HS°.
09:00	09:15	0.25	INTRM1	DRILL	DRLG	P	4,571.0	4,600.0	ROTATE DRILL 9 7/8" VERTICAL F/4,571' - T/4,600' (29' @ 116 FPH) WOB:50, RPM:80, GPM:800, SPP:3,400, DIFF:700, MMRPM:133, TQ:13K.
09:15	10:00	0.75	INTRM1	DRILL	DDRL	P	4,600.0	4,660.0	SLIDE DRILL 9 7/8" VERTICAL F/4,600' - T/4,660' (60' @ 80 FPH) WOB:45, GPM:800, SPP:3,300, DIFF:400, MMRPM:133, TF:HS°.
10:00	10:15	0.25	INTRM1	DRILL	DRLG	P	4,660.0	4,675.0	ROTATE DRILL 9 7/8" VERTICAL F/4,660' - T/4,675' (15' @ 60 FPH) WOB:50, RPM:80, GPM:750, SPP:3,300, DIFF:700, MMRPM:133, TQ:13K.
10:15	11:00	0.75	INTRM1	DRILL	DDRL	P	4,675.0	4,737.0	SLIDE DRILL 9 7/8" VERTICAL F/4,675' - T/4,737' (77' @ 102 FPH) WOB:45, GPM:800, SPP:3,300, DIFF:400, MMRPM:133, TF:HS°.
11:00	11:30	0.50	INTRM1	DRILL	DRLG	P	4,737.0	4,860.0	ROTATE DRILL 9 7/8" VERTICAL F/4,737' - T/4,860' (123' @ 246 FPH) WOB:50, RPM:80, GPM:800, SPP:3,350, DIFF:700, MMRPM:133, TQ:14K.
11:30	12:00	0.50	INTRM1	DRILL	DDRL	P	4,860.0	4,930.0	SLIDE DRILL 9 7/8" VERTICAL F/4,860' - T/4,930' (70' @ 140 FPH) WOB:45, GPM:750, SPP:3,300, DIFF:400, MMRPM:133, TF:HS°.
12:00	13:15	1.25	INTRM1	DRILL	DRLG	P	4,930.0	5,110.0	ROTATE DRILL 9 7/8" VERTICAL F/4,930' - T/5,110' (180' @ 144 FPH) WOB:50, RPM:80, GPM:800, SPP:3,350, DIFF:700, MMRPM:133, TQ:14K.
13:15	13:45	0.50	INTRM1	DRILL	SVRG	P	5,110.0	5,110.0	SERVICE RIG
13:45	15:15	1.50	INTRM1	DRILL	DRLG	P	5,110.0	5,476.0	ROTATE DRILL 9 7/8" VERTICAL F/5,110' - T/5,476' (366' @ 244 FPH) WOB:50, RPM:80, GPM:800, SPP:3,700, DIFF:500, MMRPM:133, TQ:14K.
15:15	15:30	0.25	INTRM1	DRILL	DDRL	P	5,476.0	5,526.0	SLIDE DRILL 9 7/8" VERTICAL F/5,476' - T/5,526' (50' @ 200 FPH) WOB:45, GPM:750, SPP:3,300, DIFF:400, MMRPM:133, TF: 135°R.
15:30	16:15	0.75	INTRM1	DRILL	DRLG	P	5,526.0	5,659.0	ROTATE DRILL 9 7/8" VERTICAL F/5,526' - T/5,659' (133' @ 177.3 FPH) WOB:50, RPM:80, GPM:800, SPP:3,700, DIFF:500, MMRPM:133, TQ:14K.
16:15	16:30	0.25	INTRM1	DRILL	DDRL	P	5,659.0	5,733.0	SLIDE DRILL 9 7/8" VERTICAL F/5,659' - T/5,733' (74' @ 296 FPH) WOB:45, GPM:750, SPP:3,300, DIFF:400, MMRPM:133, TF: 180°.
16:30	16:45	0.25	INTRM1	DRILL	DRLG	P	5,733.0	5,780.0	ROTATE DRILL 9 7/8" VERTICAL F/5,733' - T/5,780' (47' @ 188 FPH) WOB:50, RPM:80, GPM:800, SPP:3,700, DIFF:500, MMRPM:133, TQ:14K.
16:45	17:15	0.50	INTRM1	DRILL	DDRL	P	5,780.0	5,836.0	SLIDE DRILL 9 7/8" VERTICAL F/5,780' - T/5,836' (56' @ 112 FPH) WOB:45, GPM:750, SPP:3,300, DIFF:400, MMRPM:133, TF: 180°.

### Time Log

Start Time	End Time	Dur (hr)	Phase	Op Code	Activity Code	Time P-T-X	Start Depth (ftKB)	End Depth (ftKB)	Operation
17:15	17:45	0.50	INTRM1	DRILL	DRLG	P	5,836.0	5,943.0	ROTATE DRILL 9 7/8" VERTICAL F/5,836' - T/5,943' ( 107' @ 214 FPH) WOB:50, RPM:80, GPM:800, SPP:3,700, DIFF:500, MMRPM:133, TQ:14K.
17:45	18:45	1.00	INTRM1	DRILL	DDRL	P	5,943.0	5,999.0	SLIDE DRILL 9 7/8" VERTICAL F/5,943' - T/5,999' (56' @ 56 FPH) WOB:30, GPM:800, SPP:3,350, DIFF:90, MMRPM:133, TF: 180°.
18:45	19:00	0.25	INTRM1	DRILL	DRLG	P	5,999.0	6,038.0	ROTATE DRILL 9 7/8" VERTICAL F/5,999' - T/6,038' ( 39' @ 156 FPH) WOB:50, RPM:85, GPM:800, SPP:3,600, DIFF:400, MMRPM:133, TQ:16K.
19:00	20:45	1.75	INTRM1	DRILL	DDRL	P	6,038.0	6,114.0	SLIDE DRILL 9 7/8" VERTICAL F/6,038' - T/6,114' (56' @ 43 FPH) WOB:30, GPM:650, SPP:2,500, DIFF:200, MMRPM:108, TF: 200°.
20:45	21:00	0.25	INTRM1	DRILL	DRLG	P	6,114.0	6,129.0	ROTATE DRILL 9 7/8" VERTICAL F/6,114' - T/6,129' ( 15' @ 60 FPH) WOB:55, RPM:85, GPM:800, SPP:3,600, DIFF:400, MMRPM:133, TQ:16K.
21:00	21:45	0.75	INTRM1	DRILL	DDRL	P	6,129.0	6,155.0	SLIDE DRILL 9 7/8" VERTICAL F/6,129' - T/6,155' (26' @ 34 FPH) WOB:30, GPM:800, SPP:3,400, DIFF:150, MMRPM:133, TF: 220°.
21:45	06:00	8.25	INTRM1	DRILL	DRLG	P	6,155.0	7,700.0	ROTATE DRILL 9 7/8" VERTICAL F/6,155' - T/7,700' ( 1,545' @ 187 FPH) WOB:55, RPM:85, GPM:800, SPP:4,000, DIFF:550, MMRPM:133, TQ:16K.



### 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	2		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
3/28/2023	GORDON MWD SURVEYS	Scientific Drilling

### Drill Bits

Type	Icon	Size (in)	Len (ft)	Make	Model	Used Class	1	2	3	4	SN	Depth Drilled (ft)	Start Hrs (hr)	Pass Dia (in)	Conn Sz (in)	Thread	Gauge Length (ft)	Note
PDC		14 3/4	1.50	ACK	616	REC ONDITIONED	D	1	1	1	2150	120.00						
PDC		9 7/8	1.50	DRILFO RMANC E	DF616	Reconditio ned	S	1	2	3	85379	1,255.00						

### 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		
UBHO SUB		8	3.63	150.00	S135	2.63	1	MWD	REG	6 5/8	REG	6 5/8	* ADD A VENDOR		GT800 S-213		
8" 7/8 5.9 FBH @ 1.50° W/ 9 3/8" NBS		8	0.00	150.00	S135	35.18	1	Mud Motor	REG	6 5/8	REG	6 5/8	* ADD A VENDOR		XSH80 046		

### 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)
4,206.0	4,853.0	3,598.00	7.75	7.75	83.5	800	30	0		0.0	30	150.0
4,853.0	7,700.0	6,445.00	15.75	0.00	180.8	800	55	60		6,000.0		550.0



178.Daily Partner Report  
UL 20 PADDLE TAIL B 503H

Report Date: 3/29/2023  
Report #: 8  
Actual Days: 6.75

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	0.0	11/9/2022	18.94	94.00		
Surface	10 3/4	1,255.0	0.0	12/10/2022	9.88	45.50	1,076.0	16.50



178.Daily Partner Report  
UL 20 PADDLE TAIL B 503H

Report Date: 3/30/2023  
Report #: 9  
Actual Days: 7.75

Well Info

API / UWI 4230136079	Region / Division DELAWARE BASIN	District DELAWARE BASIN SOUTH	Field Name PRIMARY	Original Spud Date 12/8/2022
County LOVING	State/Province TEXAS	Original KB/RT Elevation (ft) 2,855.00	Ground Elevation (ft) 2,823.00	

Job Summary

Job Category DRILLING	Last Casing String Surface, 1,255.0ftKB	AFE Dur Total (days) 3.50	Total AFE (Cost) 5,317,773.41	Cumulative Cost (Cost) 1,013,061.94
--------------------------	--	------------------------------	----------------------------------	--

Daily Ops Summary

Rig (Names) NABORS DRILLING NABORS X04	Wellbore Original Hole	End Depth (ftKB) 8,449.0	Depth Progress (ft) 749.00	Daily Cost Total (Cost) 111,978.10
Weather	Hole Condition	Drilling Hours (hr) 8.75	Avg ROP (ft/hr) 85.6	Cum TL Days from Spud (...) 3.42

Ops and Depth @ Morning Report  
DRILLING 8 3/4" VERTICAL @ 8,449'.

Last 24hr Summary  
DRILL 9 7/8" VERTICAL F/7,700' T/8,439'. TOH F/8,439' T/SURFACE. L/D 9 7/8" BHA. P/U & RIH 8 3/4" BHA F/SURFACE T/1,100'. SLIP AND CUT DRILLING LINE. RIH F/1,100' T/8,439'. DRILL 8 3/4" VERTICAL F/8,439' T/8,449'.

HAUL OFFS: 11  
TOTAL HAULED: 28

24hr Forecast  
DRILL 8 3/4" INTERMEDIATE HOLE.

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	13:30	7.50	INTRM1	DRILL	DRLG	P	7,700.0	8,387.0	ROTATE DRILL 9 7/8" VERTICAL F/7,700' - T/8,387' (687' @ 91.6 FPH) WOB:55, RPM:85, GPM:750, SPP:3,550, DIFF:350, MMRPM:124, TQ:14K.
13:30	14:00	0.50	INTRM1	DRILL	OWFF	P	8,387.0	8,387.0	CHECK WELL FOR FLOW, 5-6 BBLS/HR FLOW.
14:00	15:00	1.00	INTRM1	DRILL	DRLG	P	8,387.0	8,439.0	ROTATE DRILL 9 7/8" VERTICAL F/8,387' - T/8,439' (52' @ 52 FPH) WOB:55, RPM:85, GPM:750, SPP:3,550, DIFF:350, MMRPM:124, TQ:14K.  ***END 9 7/8" VERTICAL @ 8,439' ON 3/30/23 @ 15:00***
15:00	15:30	0.50	INTRM1	DRILL	CIRC	P	8,439.0	8,439.0	SHUT IN WELL AND RECORDED 70 PSI SICP, BULLHEAD 40 BBLS 12.2 PPG DOWN BACKSIDE
15:30	16:00	0.50	INTRM1	DRILL	OWFF	P	8,439.0	8,439.0	CHECK WELL FOR FLOW, WELL WAS STATIC
16:00	19:00	3.00	INTRM1	DRILL	TRIP	P	8,439.0	8,439.0	TOOH FOR 8 3/4" VERTICAL ASSEMBLY F/8,387' T/1,250'.  TRIP AT A REDUCED RATE FOR SWABBING.
19:00	19:30	0.50	INTRM1	DRILL	MPDA	P	8,439.0	8,439.0	REMOVE ROTATING HEAD.
19:30	21:15	1.75	INTRM1	DRILL	TRIP	P	8,439.0	8,439.0	TOOH FOR 8 3/4" VERTICAL ASSEMBLY F/1,250' T/SURFACE'.  NOTED TIGHT CONNECTIONS NEAR BHA.
21:15	22:45	1.50	INTRM1	DRILL	BHAH	P	8,439.0	8,439.0	L/D 9 7/8" BHA.
22:45	00:00	1.25	INTRM1	DRILL	BHAH	P	8,439.0	8,439.0	P/U 8 3/4" BHA.
00:00	01:00	1.00	INTRM1	DRILL	TRIP	P	8,439.0	8,439.0	TIH F/SURFACE T/1,100'.
01:00	01:15	0.25	INTRM1	DRILL	CIRC	P	8,439.0	8,439.0	FILL PIPE & TEST MWD.
01:15	02:15	1.00	INTRM1	DRILL	SLPC	P	8,439.0	8,439.0	SLIP AND CUT 17 WRAPS 117' OF DRILLING LINE.
02:15	05:45	3.50	INTRM1	DRILL	TRIP	P	8,439.0	8,439.0	TIH F/1,100 T/8,439'.
05:45	06:00	0.25	INTRM1	DRILL	DRLG	P	8,439.0	8,449.0	ROTATE DRILL 8 3/4" VERTICAL F/8,439' - T/8,449' (10' @ 40 FPH) WOB:45, RPM:50, GPM:580, SPP:2,550, DIFF:150, MMRPM:162, TQ:14K.  ***START 8 3/4" VERTICAL ON @ 8,439' ON 3/31/23 @ 05:45***

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	2		0.00
CONOCOPHILLIPS CO	DD/MWD	CONTRACTOR	2		0.00




### Head Count / Manhours

Company	Function	Personnel Type	Count	Time (hr)	Tot Work Time (hr)
AES DRILLING FLUIDS	MUD/CHEMICAL PERSONNEL	CONTRACTOR	1		0.00







### Survey Data

Date	Des	Survey Company
3/28/2023	GORDON MWD SURVEYS	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	ACK	616	REC ONDITION ED	D	1	1	1	2150	120.00						
PDC		9 7/8	1.50	DRILFO RMANC E	DF616	Reco nditio ned	S	1	2	3	85379	1,255.00						
PDC		8 3/4	1.00	NOV REED	TKC76-N4	Reco nditio ned	S	3	2	1	A291281	8,439.00						

### 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		
UBHO SUB		8	3.63	150.00	S135	2.63	1	MWD	REG	6 5/8	REG	6 5/8	* ADD A VENDOR		GT800 S-213		
8" 7/8 5.9 FBH @ 1.50° W/ 9 3/8" NBS		8	0.00	150.00	S135	35.18	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	29.71	1	MWD	IF	4 1/2	IF	4 1/2	* ADD A VENDOR				
6 1/2" UBHO		6.44	3.13	84.60	S135	2.62	1	MWD	IF	4 1/2	IF	4 1/2	* ADD A VENDOR				
7" MOTOR - 7/8 6.9 FBH W/8 1/4" NBS @1.75		7	0.00	117.30	S135	32.04	1	Mud Motor	IF	4 1/2	REG	4 1/2	* ADD A VENDOR				

### 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)
7,700.0	8,439.0	7,184.00	8.50	0.00	86.9	800	55	50		6,000.0		550.0
8,439.0	8,449.0	10.00	0.25	0.00	40.0	650	45	50		6,000.0		550.0

### 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)
Intermediate1	7 5/8				6.75	29.70		
Conductor	20	120.0	0.0	11/9/2022	18.94	94.00		
Surface	10 3/4	1,255.0	0.0	12/10/2022	9.88	45.50	1,076.0	16.50



178.Daily Partner Report  
UL 20 PADDLE TAIL B 503H

Report Date: 3/31/2023  
Report #: 10  
Actual Days: 8.75

Well Info

API / UWI 4230136079	Region / Division DELAWARE BASIN	District DELAWARE BASIN SOUTH	Field Name PRIMARY	Original Spud Date 12/8/2022
County LOVING	State/Province TEXAS	Original KB/RT Elevation (ft) 2,855.00	Ground Elevation (ft) 2,823.00	

Job Summary

Job Category DRILLING	Last Casing String Surface, 1,255.0ftKB	AFE Dur Total (days) 3.50	Total AFE (Cost) 5,317,773.41	Cumulative Cost (Cost) 1,131,619.04
--------------------------	--	------------------------------	----------------------------------	--

Daily Ops Summary

Rig (Names) NABORS DRILLING NABORS X04	Wellbore Original Hole	End Depth (ftKB) 10,563.0	Depth Progress (ft) 2,114.00	Daily Cost Total (Cost) 118,557.10
Weather	Hole Condition	Drilling Hours (hr) 23.50	Avg ROP (ft/hr) 90.0	Cum TL Days from Spud (...) 4.42

Ops and Depth @ Morning Report  
DRILLING 8 3/4" VERTICAL @ 10,563'.

Last 24hr Summary  
DRILL 8 3/4" VERTICAL F/8,449' T/10,563'.

HAUL OFFS: 5  
TOTAL HAULED: 33

24hr Forecast  
DRILL 8 3/4" INTERMEDIATE HOLE TO SECTION TD ~ 11,435'. CUC. PERFORM GYRO. POOH FOR 7 5/8" CASING.

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	08:15	2.25	INTRM1	DRILL	DRLG	P	8,449.0	8,746.0	ROTATE DRILL 8 3/4" VERTICAL F/8,449' - T/8,746' (297' @ 132 FPH) WOB:45, RPM:50, GPM:580, SPP:2,550, DIFF:150, MMRPM:162, TQ:14K.
08:15	08:45	0.50	INTRM1	DRILL	DRLG	P	8,746.0	8,746.0	RIG SERVICE, CHANGE GRABBER DIES, GREASE BLOCKS AND CROWN
08:45	16:45	8.00	INTRM1	DRILL	DRLG	P	8,746.0	9,702.0	ROTATE DRILL 8 3/4" VERTICAL F/8,746' - T/9,702 (956' @ 119 FPH) WOB:45, RPM:50, GPM:650, SPP:3,550, DIFF:250, MMRPM:162, TQ:14K.
16:45	18:00	1.25	INTRM1	DRILL	DDRL	P	9,702.0	9,742.0	SLIDE DRILL 8 3/4" VERTICAL F/9,702' - T/9,742' (40' @ 32 FPH) WOB:45, GPM:650, SPP:3,600, DIFF:300, MMRPM:162, TF: 45°.
18:00	01:15	7.25	INTRM1	DRILL	DRLG	P	9,742.0	10,400.0	ROTATE DRILL 8 3/4" VERTICAL F/9,742' - T/10,400 (658' @ 91 FPH) WOB:45, RPM:50, GPM:650, SPP:3,650, DIFF:350, MMRPM:162, TQ:14K.
01:15	02:15	1.00	INTRM1	DRILL	DDRL	P	10,400.0	10,408.0	SLIDE DRILL 8 3/4" VERTICAL F/10,400' - T/10,408' (8' @ 8 FPH) WOB:45, GPM:675, SPP:4,000, DIFF:350, MMRPM:169, TF: 180°.
02:15	03:30	1.25	INTRM1	DRILL	DRLG	P	10,408.0	10,484.0	ROTATE DRILL 8 3/4" VERTICAL F/10,408' - T/10,484 (76' @ 60 FPH) WOB:50, RPM:60, GPM:675, SPP:3,950, DIFF:350, MMRPM:162, TQ:14K.
03:30	05:15	1.75	INTRM1	DRILL	DDRL	P	10,484.0	10,503.0	SLIDE DRILL 8 3/4" VERTICAL F/10,484' - T/10,503' (19' @ 11 FPH) WOB:45, GPM:675, SPP:4,000, DIFF:350, MMRPM:169, TF: 180°.
05:15	06:00	0.75	INTRM1	DRILL	DRLG	P	10,503.0	10,563.0	ROTATE DRILL 8 3/4" VERTICAL F/10,503' - T/10,563 (60' @ 80 FPH) WOB:50, RPM:60, GPM:675, SPP:4,100, DIFF:450, MMRPM:162, TQ:13K.




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	2		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
3/28/2023	GORDON MWD SURVEYS	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	ACK	616	REC ONDITIONED	D	1	1	1	2150	120.00						
PDC		9 7/8	1.50	DRILFORMANCE	DF616	Reconditioned	S	1	2	3	85379	1,255.00						
PDC		8 3/4	1.00	NOV REED	TKC76-N4	Reconditioned	S	3	2	1	A291281	8,439.00						

**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		
UBHO SUB		8	3.63	150.00	S135	2.63	1	MWD	REG	6 5/8	REG	6 5/8	* ADD A VENDOR		GT800 S-213		
8" 7/8 5.9 FBH @ 1.50° W/ 9 3/8" NBS		8	0.00	150.00	S135	35.18	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	29.71	1	MWD	IF	4 1/2	IF	4 1/2	* ADD A VENDOR				
6 1/2" UBHO		6.44	3.13	84.60	S135	2.62	1	MWD	IF	4 1/2	IF	4 1/2	* ADD A VENDOR				
7" MOTOR - 7/8 6.9 FBH W/8 1/4" NBS @ 1.75		7	0.00	117.30	S135	32.04	1	Mud Motor	IF	4 1/2	REG	4 1/2	* ADD A VENDOR				

**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)
8,449.0	8,516.0	77.00	4.00	4.00	16.8	675	45	50		6,000.0		550.0
8,516.0	10,563.0	2,124.00	19.50	0.00	105.0	675	45	50		6,000.0		550.0

**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	0.0	11/9/2022	18.94	94.00		
Surface	10 3/4	1,255.0	0.0	12/10/2022	9.88	45.50	1,076.0	16.50
Intermediate1	7 5/8	11,420.0	-6.3		6.75	29.70		





178.Daily Partner Report  
UL 20 PADDLE TAIL B 503H

Report Date: 4/1/2023  
Report #: 11  
Actual Days: 9.75

Well Info

API / UWI 4230136079	Region / Division DELAWARE BASIN	District DELAWARE BASIN SOUTH	Field Name PRIMARY	Original Spud Date 12/8/2022
County LOVING	State/Province TEXAS	Original KB/RT Elevation (ft) 2,855.00	Ground Elevation (ft) 2,823.00	

Job Summary

Job Category DRILLING	Last Casing String Surface, 1,255.0ftKB	AFE Dur Total (days) 26.52	Total AFE (Cost) 5,317,773.41	Cumulative Cost (Cost) 1,228,092.14
--------------------------	--	-------------------------------	----------------------------------	--

Daily Ops Summary

Rig (Names) NABORS DRILLING NABORS X04	Wellbore Original Hole	End Depth (ftKB) 11,435.0	Depth Progress (ft) 872.00	Daily Cost Total (Cost) 96,473.10
Weather	Hole Condition	Drilling Hours (hr) 8.75	Avg ROP (ft/hr) 99.7	Cum TL Days from Spud (...) 5.42

Ops and Depth @ Morning Report

RIH 7 5/8" CASING @ 450'.

Last 24hr Summary

DRILL 8 3/4" VERTICAL F/10,563' T/11,435 (SECTION TD). CBU. RUN GYRO. CBU. TOH F/11,435' T/SURFACE. L/D 8 3/4" BHA. R/U CASING RUNNING TOOLS. RIH 7 5/8" CASING F/SURFACE T/450'.

HAUL OFFS: 8

TOTAL HAULED: 41

24hr Forecast

RIH 7 5/8" CASING AND CEMENT IN PLACE.

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	14:45	8.75	INTRM1	DRILL	DRLG	P	10,563.0	11,435.0	ROTATE DRILL 8 3/4" VERTICAL F/10,563' - T/11,435' (872' @ 99.57 FPH) WOB:50, RPM:60, GPM:675, SPP:4,100, DIFF:450, MMRPM:162, TQ:13K.  NOTE: RIG CLOUD LOCKED UP AND WAS NOT SENDING DATA TO PASON FOR ABOUT 25 MIN, F/11,127' T/11,150'  ***END 8 3/4" VERTICAL SECTION AT 11,435' @ 14:45 HRS. ON 3/1/2023***
14:45	16:15	1.50	INTRM1	CASING	CIRC	P	11,435.0	11,435.0	CIRCULATE 2 X HI VIS SWEEPS AT 11,435'. 88 BBLS WASH OUT NOTED.
16:15	19:45	3.50	INTRM1	CASING	SRVY	P	11,435.0	11,435.0	R/U AND RUN SDI WIRE LINE GYRO 62' OFF BOTTOM. NOTED 95 PSI CASING PRESSURE WHILE CLOSED IN.
19:45	20:45	1.00	INTRM1	CASING	CIRC	P	11,435.0	11,435.0	CBU. NOTED 10' FLARE ON BU.
20:45	01:45	5.00	INTRM1	CASING	TRIP	P	11,435.0	11,435.0	TOH F/11,435' T/SURFACE.  FORCE FILL WELL WITH 14 PPG KWM UNTIL CASING PRESSURE REACHED 0. THEN PUMP CALCULATED WHILE TRIPPING.  TOH TO RUN 7 5/8" INTERMEDIATE CASING.
01:45	02:30	0.75	INTRM1	CASING	BHAH	P	11,435.0	11,435.0	L/D 8 3/4" BHA.
02:30	03:00	0.50	INTRM1	CASING	WBPL	P	11,435.0	11,435.0	REMOVE WEAR BUSHING.
03:00	04:00	1.00	INTRM1	CASING	RURD	P	11,435.0	11,435.0	RIG UP CASING RUNNING TOOLS.
04:00	06:00	2.00	INTRM1	CASING	RNCS	P	11,435.0	11,435.0	RIH 7 5/8" CASING F/SURFACE T/450'.  RAN 81 JTS OF 7 5/8" 29.7# P110ICY W513 AND 171 JTS OF 7 5/8" 29.7# L80ICY BTC CSG. TOTAL PIPE IS 11,426'. SET @ 11,420'. DVT/ECP @ 5158', XO @ 7,866', FC @ 11,327'. RAN 51 CENTRALIZERS.  ***NOTIFIED SANDY OPERATOR #5 W/TRRC ON 4/1/23 @ 18:53 FOR UPCOMING CASING RUN AND CEMENT JOB***

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	2		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
3/28/2023	GORDON MWD SURVEYS	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	ACK	616	REC ONDITION ED	D	1	1	1	2150	120.00						
PDC		9 7/8	1.50	DRILFO RMANC E	DF616	Reco nditio ned	S	1	2	3	85379	1,255.00						
PDC		8 3/4	1.00	NOV REED	TKC76-N4	Reco nditio ned	S	3	2	1	A291281	8,439.00						

**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		
UBHO SUB		8	3.63	150.00	S135	2.63	1	MWD	REG	6 5/8	REG	6 5/8	* ADD A VENDOR		GT800 S-213		
8" 7/8 5.9 FBH @ 1.50° W/ 9 3/8" NBS		8	0.00	150.00	S135	35.18	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	29.71	1	MWD	IF	4 1/2	IF	4 1/2	* ADD A VENDOR				
6 1/2" UBHO		6.44	3.13	84.60	S135	2.62	1	MWD	IF	4 1/2	IF	4 1/2	* ADD A VENDOR				
7" MOTOR - 7/8 6.9 FBH W/8 1/4" NBS @1.75		7	0.00	117.30	S135	32.04	1	Mud Motor	IF	4 1/2	REG	4 1/2	* ADD A VENDOR				

**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)
10,563.0	11,435.0	2,996.00	8.75	0.00	99.7	675	45	70		6,000.0		550.0

**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	0.0	11/9/2022	18.94	94.00		
Surface	10 3/4	1,255.0	0.0	12/10/2022	9.88	45.50	1,076.0	16.50
Intermediate1	7 5/8	11,420.0	-6.3		6.75	29.70		



178.Daily Partner Report  
UL 20 PADDLE TAIL B 503H

Report Date: 4/2/2023  
Report #: 12  
Actual Days: 10.77

Well Info

API / UWI 4230136079	Region / Division DELAWARE BASIN	District DELAWARE BASIN SOUTH	Field Name PRIMARY	Original Spud Date 12/8/2022
County LOVING	State/Province TEXAS	Original KB/RT Elevation (ft) 2,855.00	Ground Elevation (ft) 2,823.00	

Job Summary

Job Category DRILLING	Last Casing String Intermediate1, 11,420.0ftKB	AFE Dur Total (days) 26.52	Total AFE (Cost) 5,317,773.41	Cumulative Cost (Cost) 1,959,233.24
--------------------------	---	-------------------------------	----------------------------------	--

Daily Ops Summary

Rig (Names) NABORS DRILLING NABORS X04	Wellbore Original Hole	End Depth (ftKB) 11,435.0	Depth Progress (ft) 0.00	Daily Cost Total (Cost) 731,141.10
Weather	Hole Condition	Drilling Hours (hr)	Avg ROP (ft/hr)	Cum TL Days from Spud (...) 6.44

Ops and Depth @ Morning Report  
SETTING 7 5/8" PACK OFF.

Last 24hr Summary

RIH 7 5/8" CASING F/450' T/11,420'. CIRCULATE CASING VOLUME. CEMENT FIRST STAGE WITHOUT RETURNS. SET PACKER & SHIFT DV TOOL OPEN. CEMENT SECOND STAGE RETURNING 27 BBLs CEMENT TO SURFACE. RIG DOWN CEMENTERS. SET PACK OFF.

HAUL OFFS: 0  
TOTAL HAULED: 41

24hr Forecast

P/U & RIH 6 3/4" DRILL OUT BHA. DRILL OUT DV TOOLS WITH DRILL OUT ASSEMBLY. POOH. P/U 6 3/4" CURVE ASSEMBLY. TIH AND DRILL OUT FLOAT EQUIPMENT. DRILL 6 3/4" CURVE SECTION.

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	18:15	12.25	INTRM1	CASING	RNCS	P	11,435.0	11,435.0	RIH 7 5/8" CASING F/450' T/. RAN 81 JTS OF 7 5/8" 29.7# P110ICY W513 AND 171 JTS OF 7 5/8" 29.7# L80ICY BTC CSG. TOTAL PIPE IS 11,426'. SET @ 11,420'. DVT/ECF @ 5158', XO @ 7,866', FC @ 11,327'. RAN 51 CENTRALIZERS. NO RETURNS DURING THE CASING RUN  ***NOTIFIED SANDY OPERATOR #5 W/TRRC ON 4/1/23 @ 18:53 FOR UPCOMING CASING RUN AND CEMENT JOB***  WASHED LAST TWO JOINTS DOWN W/CRT.  LAND HANGER W/200K LBS INTO WELLHEAD.
18:15	18:45	0.50	INTRM1	CEMENT	RURD	P	11,435.0	11,435.0	RIG DOWN CRT. R/U CEMENT HEAD.
18:45	20:15	1.50	INTRM1	CEMENT	CIRC	P	11,435.0	11,435.0	CIRCULATE CASING VOLUME.
20:15	01:00	4.75	INTRM1	CEMENT	CMNT	P	11,435.0	11,435.0	PJSM W/HALLIBURTON. RIG UP AND CEMENT AS FOLLOWS: TEST LINES TO 5500 PSI. PUMP FIRST STG CMT W/ 40 BBLs TUNED SPACER @ 10.0 PPG. LEAD W/1325 SX (592 BBL) NEOCEM, 2.513 YLD, 10.7 PPG. TAIL W/185 SX (35 BBL) HALCEM H, 1.077 YLD, 16.4 PPG. DISPLACE CMT W/520 BBL OF 10.0 PPG BRINE. FINAL RATE @ 4 BPM @ 1780 PSI, BUMP PLUG 300 PSI OVER TO 2100 PSI. PLUG DOWN AT 01:00. WALK PRESSURE UP TO 2970 PSI AND SET PACKER. BLEED OFF TO ORIGINAL BUMP PRESSURE, PACKER TOOK 1/8 BBL. CHECK FLOATS, BLEED BACK 3.0 BBL, FLOATS HELD. NO CEMENT TO SURFACE, CEMENTED WITHOUT RETURNS THROUGH JOB.
01:00	02:30	1.50	INTRM1	CEMENT	CMNT	P	11,435.0	11,435.0	DROP OPENING BOMB AND WAIT FOR 30 MINS. PRESSURE UP TO 970 PSI AND OPEN DVT. CIRCULATE B/U @ 7 BPM W/FULL RETURNS. NO CEMENT/SPACER CIRCULATED OFF TOP OF DV TOOL.
02:30	04:15	1.75	INTRM1	CEMENT	CMNT	P	11,435.0	11,435.0	PUMP 2ND STAGE CEMENT W/20 BBL GEL SPACER @ 8.35 PPG. LEAD W/820 SX (281 BBL) ECONOCHEM HLC, 1.936 YLD, 12.9 PPG. TAIL W/145 SX (36 BBL) HALCEM C, 1.340 YLD, 14.8 PPG. DISPLACE CEMENT W/237 BBLs OF 10.0 PPG BRINE. FINAL RATE @ 4 BPM @ 1,050 PSI, CLOSE DV TOOL WITH 2,412 PSI, HELD FOR 5 MINUTES. BLEED BACK 1.5 BBLs, FLOATS HOLDING. 27 BBLs CEMENT CIRCULATED TO SURFACE. DV TOOL SHIFTED CLOSED AT 04:19.
04:15	05:30	1.25	INTRM1	CEMENT	RURD	P	11,435.0	11,435.0	FLUSH THROUGH SURFACE EQUIPMENT AND RIG DOWN CEMENTING EQUIPMENT. L/D LANDING JOINT.
05:30	06:30	1.00	INTRM1	CEMENT	DHEQ	P	11,435.0	11,435.0	SET PACK OFF.

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




### Head Count / Manhours

Company	Function	Personnel Type	Count	Time (hr)	Tot Work Time (hr)
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	2		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
3/28/2023	GORDON MWD SURVEYS	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	ACK	616	REC ONDITION ED	D	1	1	1	2150	120.00						
PDC		9 7/8	1.50	DRILFO RMANC E	DF616	Reco nditio ned	S	1	2	3	85379	1,255.00						
PDC		8 3/4	1.00	NOV REED	TKC76-N4	Reco nditio ned	S	3	2	1	A291281	8,439.00						

### 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		
UBHO SUB		8	3.63	150.00	S135	2.63	1	MWD	REG	6 5/8	REG	6 5/8	* ADD A VENDO R		GT800 S-213		
8" 7/8 5.9 FBH @ 1.50° W/ 9 3/8" NBS		8	0.00	150.00	S135	35.18	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	29.71	1	MWD	IF	4 1/2	IF	4 1/2	* ADD A VENDO R				
6 1/2" UBHO		6.44	3.13	84.60	S135	2.62	1	MWD	IF	4 1/2	IF	4 1/2	* ADD A VENDO R				
7" MOTOR - 7/8 6.9 FBH W/8 1/4" NBS @1.75		7	0.00	117.30	S135	32.04	1	Mud Motor	IF	4 1/2	REG	4 1/2	* ADD A VENDO R				

### 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	0.0	11/9/2022	18.94	94.00		
Surface	10 3/4	1,255.0	0.0	12/10/2022	9.88	45.50	1,076.0	16.50
Intermediate1	7 5/8	11,420.0	-6.3	4/2/2023	6.75	29.70		



178.Daily Partner Report  
UL 20 PADDLE TAIL B 503H

Report Date: 4/3/2023  
Report #: 13  
Actual Days: 11.77

Well Info

API / UWI 4230136079	Region / Division DELAWARE BASIN	District DELAWARE BASIN SOUTH	Field Name PRIMARY	Original Spud Date 12/8/2022
County LOVING	State/Province TEXAS	Original KB/RT Elevation (ft) 2,855.00	Ground Elevation (ft) 2,823.00	

Job Summary

Job Category DRILLING	Last Casing String Intermediate1, 11,420.0ftKB	AFE Dur Total (days) 26.52	Total AFE (Cost) 5,317,773.41	Cumulative Cost (Cost) 2,193,068.34
--------------------------	---	-------------------------------	----------------------------------	--

Daily Ops Summary

Rig (Names) NABORS DRILLING NABORS X04	Wellbore Original Hole	End Depth (ftKB) 11,453.0	Depth Progress (ft) 18.00	Daily Cost Total (Cost) 233,835.10
Weather	Hole Condition	Drilling Hours (hr) 0.75	Avg ROP (ft/hr) 24.0	Cum TL Days from Spud (...) 7.44

Ops and Depth @ Morning Report

DRILLING 6 3/4" VERTICAL @ 11,453'.

Last 24hr Summary

SET PACK OFF, TEST SEALS, SET WEAR BUSHING, P/U 6 3/4" DRILL OUT ASSEMBLY, RIH, TAG STAGE TOOL, TEST 7 5/8" CASING TO 1,500 PSI, DRILL OUT STAGE AND CONTINGENCY BAFFLE, TEST 7 5/8" CASING TO 3,500 PSI, TOOH, L/D CLEAN OUT ASSEMBLY, P/U 6 3/4" CURVE ASSEMBLY. RIH F/SURFACE T/11,327'. DRILL OUT SHOE TRACK F/11,327' AND CLEAN OUT RAT HOLE T/11,435'. DRILL 6 3/4" VERTICAL F/11,435' T/11,445'. CBU. PERFORM FIT TO 14.5 PPG EMW. DRILL 6 3/4" VERTICAL F/11,445' T/AA,453'. DISPLACE WELL TO 12.9 PPG OBM.

HAUL OFFS: 0

TOTAL HAULED: 41

24hr Forecast

DRILL 6 3/4" CURVE SECTION. POOH F/LATERAL ASSEMBLY.

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	07:15	1.25	INTRM1	CEMENT	DHEQ	P	11,435.0	11,435.0	FINISH SET PACK OFF & TEST LOWER SEALS @ 5,000 AND UPPER SEALS @ 10,000 ON CHART RECORDER. HELD EACH TEST FOR 10 MIN.
07:15	07:30	0.25	INTRM1	CEMENT	WBPL	P	11,435.0	11,435.0	SET WEAR BUSHING
07:30	08:15	0.75	INTRM1	CEMENT	SFTY	P	11,435.0	11,435.0	ORGANIZE RIG FLOOR, PJSM, CHECK SAFETY VALVES AND VALVE ALIGNMENT
08:15	09:00	0.75	INTRM1	CEMENT	BHAH	P	11,435.0	11,435.0	P/U 6 3/4" DRILL OUT ASSEMBLY.
09:00	11:30	2.50	INTRM1	CEMENT	TRIP	P	11,435.0	11,435.0	RIH AND TAG STAGE TOOL @ 5,158'
11:30	11:45	0.25	INTRM1	CEMENT	PRTS	P	11,435.0	11,435.0	TEST 7 5/8" CASING ABOVE STAGE TOOL TO 1,500 PSI , GOOD TEST
11:45	14:15	2.50	INTRM1	CEMENT	COCF	P	11,435.0	11,435.0	DRILL OUT DV TOOL AND CONTINGENCY BAFFLE @ 5,158 AND @ 5,270'
14:15	15:00	0.75	INTRM1	CEMENT	PRTS	P	11,435.0	11,435.0	TEST 7 5/8" CASING TO 3,500 PSI FOR 1/2 HOUR, FINAL 3,445 PSI
15:00	17:15	2.25	INTRM1	CEMENT	TRIP	P	11,435.0	11,435.0	TOOH W/ DRILL OUT ASSEMBLY F/5,270' T/SURFACE TO P/U 6 3/4" CURVE BHA.
17:15	17:45	0.50	INTRM1	CEMENT	BHAH	P	11,435.0	11,435.0	L/D 6 3/4" DRILL OUT BHA.
17:45	18:45	1.00	INTRM1	CEMENT	BHAH	P	11,435.0	11,435.0	P/U 6 3/4" CURVE BHA.
18:45	19:00	0.25	INTRM1	CEMENT	BHAH	P	11,435.0	11,435.0	SURFACE TEST MWD.
19:00	23:30	4.50	INTRM1	CEMENT	TRIP	P	11,435.0	11,435.0	TIH F/SURFACE T/11,227'.
23:30	01:30	2.00	INTRM1	CEMENT	COCF	P	11,435.0	11,435.0	WASH DOWN AND TAG UP ON FLOAT COLLAR @ 11,327'.  DRILL OUT FLOAT COLLAR, CLEAN OUT SHOE TRACK AND DRILL OUT FLOAT SHOE. TAG UP ON FLOAT SHOE @11,422'.
01:30	01:45	0.25	INTRM1	CEMENT	COCF	P	11,435.0	11,445.0	ROTATE DRILL 6 3/4" VERTICAL F/11,435' - T/11,445' (10' @ 40 FPH) WOB:25, RPM:20, GPM:250, SPP:1,750, DIFF:350, MMRPM:197, TQ:9K.  ***START 6 3/4" VERTICAL @ 11,435' ON 4/4/23 @ 01:30***
01:45	02:30	0.75	INTRM1	CEMENT	CIRC	P	11,445.0	11,445.0	CBU PRIOR TO PERFORMING FIT.
02:30	03:00	0.50	INTRM1	CEMENT	FIT	P	11,445.0	11,445.0	PERFORM FIT TO 14.5 PPG EMW. ACTIVE MW 10.0, TEST PRESSURE 2,670 PSI.
03:00	03:30	0.50	INTRM1	DRILL	COCF	P	11,445.0	11,453.0	ROTATE DRILL 6 3/4" VERTICAL F/11,435' - T/11,445' (8' @ 16 FPH) WOB:25, RPM:20, GPM:300, SPP:2,250, DIFF:300, MMRPM:237, TQ:8K.  CONCURRENTLY DISPLACE WELL TO 12.9 PPG OBM.
03:30	06:00	2.50	INTRM1	DRILL	CIRC	P	11,453.0	11,453.0	DISPLACE WELL TO 12.9 PPG OBM.

Head Count / Manhours

Company	Function	Personnel Type	Count	Time (hr)	Tot Work Time (hr)
NABORS DRILLING TECHNOLOGIES USA	RIG CREW	CONTRACTOR	12		0.00





**Head Count / Manhours**

Company	Function	Personnel Type	Count	Time (hr)	Tot Work Time (hr)
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	2		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
3/28/2023	GORDON MWD SURVEYS	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	ACK	616	REC ONDITIONED	D	1	1	1	2150	120.00						
PDC		9 7/8	1.50	DRILFORMANCE	DF616	Reconditioned	S	1	2	3	85379	1,255.00						
PDC		8 3/4	1.00	NOV REED	TKC76-N4	Reconditioned	S	3	2	1	A291281	8,439.00						
PDC		6 3/4	0.75	BAKER HUGHES	DD306WSX	Reconditioned	S	1	2	3	5339528	11,435.00						

**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		
UBHO SUB		8	3.63	150.00	S135	2.63	1	MWD	REG	6 5/8	REG	6 5/8	* ADD A VENDOR		GT800 S-213		
8" 7/8 5.9 FBH @ 1.50° W/ 9 3/8" NBS		8	0.00	150.00	S135	35.18	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	29.71	1	MWD	IF	4 1/2	IF	4 1/2	* ADD A VENDOR				
6 1/2" UBHO		6.44	3.13	84.60	S135	2.62	1	MWD	IF	4 1/2	IF	4 1/2	* ADD A VENDOR				
7" MOTOR - 7/8 6.9 FBH W/8 1/4" NBS @1.75		7	0.00	117.30	S135	32.04	1	Mud Motor	IF	4 1/2	REG	4 1/2	* ADD A VENDOR				
5" TOOL CARRIER		5.19	2.81	51.50	S135	28.98	1	MWD	XT39	4	XT40	4	* ADD A VENDOR				
5" UBHO		5.19	2.25	58.50	S135	2.35	1	MWD	XT40	4	XT39	4	* ADD A VENDOR				



178.Daily Partner Report  
UL 20 PADDLE TAIL B 503H

Report Date: 4/3/2023  
Report #: 13  
Actual Days: 11.77

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" MOTOR - 6/7 8.0 FBH @ 1.83° W/6.125" NBS		5	0.00	66.80	S135	29.27	1	Mud Motor	XT39	4	REG	3 1/2	* ADD A VENDOR				

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)
11,435.0	11,453.0	18.00	0.75	0.00	24.0	300	20	20				350.0

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	0.0	11/9/2022	18.94	94.00		
Surface	10 3/4	1,255.0	0.0	12/10/2022	9.88	45.50	1,076.0	16.50
Intermediate1	7 5/8	11,420.0	-6.3	4/2/2023	6.75	29.70		



**Well Info**

<b>API / UWI</b> 4230136079	<b>Region / Division</b> DELAWARE BASIN	<b>District</b> DELAWARE BASIN SOUTH	<b>Field Name</b> PRIMARY	<b>Original Spud Date</b> 12/8/2022
<b>County</b> LOVING	<b>State/Province</b> TEXAS	<b>Original KB/RT Elevation (ft)</b> 2,855.00	<b>Ground Elevation (ft)</b> 2,823.00	

**Job Summary**

<b>Job Category</b> DRILLING	<b>Last Casing String</b> Intermediate1, 11,420.0ftKB	<b>AFE Dur Total (days)</b> 26.52	<b>Total AFE (Cost)</b> 5,317,773.41	<b>Cumulative Cost (Cost)</b> 2,297,202.44
---------------------------------	--	--------------------------------------	---	---

**Daily Ops Summary**

<b>Rig (Names)</b> NABORS DRILLING NABORS X04	<b>Wellbore</b> Original Hole	<b>End Depth (ftKB)</b> 12,588.0	<b>Depth Progress (ft)</b> 1,135.00	<b>Daily Cost Total (Cost)</b> 104,134.10
<b>Weather</b>	<b>Hole Condition</b>	<b>Drilling Hours (hr)</b> 20.75	<b>Avg ROP (ft/hr)</b> 54.7	<b>Cum TL Days from Spud (...)</b> 8.44

**Ops and Depth @ Morning Report**

TOH @ 6,550' F/6.75" LATERAL BHA.

**Last 24hr Summary**

DRILL 6 3/4" VERTICAL F/11,453' T/11,542. DRILL 6 3/4" CURVE F/ 11,542' T/12,576'. DRILL 6 3/4" LATERAL F/12,576' T/12,588'. TOH F/12,588' T/6,550'.

HAUL OFFS: 3

TOTAL HAULED: 44

**24hr Forecast**

FINISH TRIP FOR 6 3/4" LATERAL BHA. DRILL 6 3/4" LATERAL SECTION.

**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	08:30	2.50	PROD1	DRILL	DRLG	P	11,445.0	11,542.0	ROTATE DRILL 6 3/4" VERTICAL F/11,445' - T/11,542' (97' @ 38.8 FPH) WOB:25, RPM:20, GPM:300, SPP:2,250, DIFF:300, MMRPM:237, TQ:8K.  ***END 6 3/4" VERTICAL AT 11,542' ON 4/4 2023 @ 08:30***
08:30	11:30	3.00	PROD1	DRILL	DDRL	P	11,542.0	11,709.0	SLIDE DRILL 6 3/4" CURVE F11,542 T/11,709 (167' @ 55 FPH) WOB:35, GPM:350, MMRPM:276 SPP:4,100, DIFF:750, TF: 160 M . ***START 6 3/4" CURVE AT 11,542' ON 4/4/23 @ 08:30 HRS***
11:30	12:00	0.50	PROD1	DRILL	OTHR	T	11,709.0	11,709.0	CLEAN RUBBER AND DEBRIS FROM FLOW LINE
12:00	12:45	0.75	PROD1	DRILL	DDRL	P	11,709.0	11,725.0	SLIDE DRILL 6 3/4" CURVE F11,709 T/11,725' (16' @ 21.3 FPH) WOB:35, GPM:350, MMRPM:276 SPP:4,100, DIFF:750, TF: 160 M .
12:45	13:30	0.75	PROD1	DRILL	DRLG	P	11,725.0	11,781.0	ROTATE DRILL 6 3/4" CURVE F/11,725' - T/11,781' (56' @ 74.6 FPH) WOB:25, RPM:20, GPM:350, SPP:5,365, DIFF:450, MMRPM:276, TQ:8K.
13:30	14:45	1.25	PROD1	DRILL	DDRL	P	11,781.0	11,810.0	SLIDE DRILL 6 3/4" CURVE F11,781 T/11,810' (29' @ 23.2 FPH) WOB:35, GPM:350, MMRPM:276 SPP:4,100, DIFF:750, TF: 90L .
14:45	15:00	0.25	PROD1	DRILL	DRLG	P	11,810.0	11,840.0	ROTATE DRILL 6 3/4" CURVE F/11,810' - T/11,840' (30' @ 120 FPH) WOB:25, RPM:20, GPM:350, SPP:5,365, DIFF:450, MMRPM:276, TQ:8K.
15:00	15:30	0.50	PROD1	DRILL	DDRL	P	11,840.0	11,875.0	SLIDE DRILL 6 3/4" CURVE F11,840 T/11,875' (35' @ 70 FPH) WOB:35, GPM:350, MMRPM:276 SPP:4,100, DIFF:750, TF: 60L.
15:30	22:00	6.50	PROD1	DRILL	DRLG	P	11,875.0	12,335.0	ROTATE DRILL 6 3/4" CURVE F/11,875' - T/12,335' (460' @ 71 FPH) WOB:30, RPM:40, GPM:350, SPP:5,500, DIFF:500, MMRPM:276, TQ:9K.
22:00	22:45	0.75	PROD1	DRILL	DDRL	P	12,335.0	12,356.0	SLIDE DRILL 6 3/4" CURVE F/12,335 T/12,356' (21' @ 28 FPH) WOB:35, GPM:350, MMRPM:276 SPP:5,600, DIFF:650, TF: 45L.
22:45	23:00	0.25	PROD1	DRILL	DRLG	P	12,356.0	12,375.0	ROTATE DRILL 6 3/4" CURVE F/12,356' - T/12,375' (19' @ 76 FPH) WOB:30, RPM:40, GPM:350, SPP:5,500, DIFF:500, MMRPM:276, TQ:9K.
23:00	00:00	1.00	PROD1	DRILL	DDRL	P	12,375.0	12,425.0	SLIDE DRILL 6 3/4" CURVE F/12,375 T/12,425' (50' @ 50 FPH) WOB:35, GPM:350, MMRPM:276 SPP:5,400, DIFF:500, TF: 45L.
00:00	00:45	0.75	PROD1	DRILL	DRLG	P	12,425.0	12,465.0	ROTATE DRILL 6 3/4" CURVE F/12,425' - T/12,465' (40' @ 53 FPH) WOB:30, RPM:15, GPM:350, SPP:5,900, DIFF:900, MMRPM:276, TQ:11K.
00:45	01:15	0.50	PROD1	DRILL	RGRP	T	12,465.0	12,465.0	TROUBLESHOOT RIG CLOUD SYSTEM.
01:15	01:45	0.50	PROD1	DRILL	DDRL	P	12,465.0	12,505.0	SLIDE DRILL 6 3/4" CURVE F/12,465 T/12,505' (40' @ 80 FPH) WOB:35, GPM:350, MMRPM:276 SPP:5,400, DIFF:500, TF: 0L.
01:45	02:15	0.50	PROD1	DRILL	DRLG	P	12,505.0	12,510.0	ROTATE DRILL 6 3/4" CURVE F/12,505' - T/12,510' (5' @ 10 FPH) WOB:30, RPM:15, GPM:350, SPP:5,900, DIFF:900, MMRPM:276, TQ:11K.
02:15	02:45	0.50	PROD1	DRILL	DDRL	P	12,510.0	12,541.0	SLIDE DRILL 6 3/4" CURVE F/12,510 T/12,541' (31' @ 62 FPH) WOB:35, GPM:350, MMRPM:276 SPP:5,400, DIFF:500, TF: 0L.
02:45	03:00	0.25	PROD1	DRILL	DRLG	P	12,541.0	12,556.0	ROTATE DRILL 6 3/4" CURVE F/12,541' - T/12,556' (15' @ 120 FPH) WOB:30, RPM:15, GPM:350, SPP:5,900, DIFF:900, MMRPM:276, TQ:11K.

**Time Log**

Start Time	End Time	Dur (hr)	Phase	Op Code	Activity Code	Time P-T-X	Start Depth (ftKB)	End Depth (ftKB)	Operation
03:00	03:30	0.50	PROD1	DRILL	DDRL	P	12,556.0	12,576.0	SLIDE DRILL 6 3/4" CURVE F/12,556 T/12,576' (20' @ 40 FPH) WOB:35, GPM:350, MMRPM:276 SPP:5,400, DIFF:500, TF: 0L.  ***END 6 3/4" CURVE @ 12,576' ON 4/5/23 @ 03:30***
03:30	03:45	0.25	PROD1	DRILL	DRLG	P	12,576.0	12,588.0	ROTATE DRILL 6 3/4" LATERAL F/12,576' - T/12,588' (12' @ 48 FPH) WOB:30, RPM:15, GPM:350, SPP:5,900, DIFF:900, MMRPM:276, TQ:11K.  ***START 6 3/4" LATERAL @ 12,576' ON 4/5/23 @ 03:30***
03:45	04:00	0.25	PROD1	DRILL	CIRC	P	12,588.0	12,558.0	FLOW CHECK & PUMP SLUG.
04:00	06:00	2.00	PROD1	DRILL	TRIP	P	12,558.0	12,558.0	TOH F/12,558' T/6,550' FOR 6 3/4" LATERAL BHA.





**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	2		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
3/28/2023	GORDON MWD SURVEYS	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	ACK	616	REC ONDITION ED	D	1	1	1	2150	120.00						
PDC		9 7/8	1.50	DRILFO RMANC E	DF616	Reco nditio ned	S	1	2	3	85379	1,255.00						
PDC		8 3/4	1.00	NOV REED	TKC76-N4	Reco nditio ned	S	3	2	1	A291281	8,439.00						
PDC		6 3/4	0.75	BAKER HUGHE S	DD306WS X	Reco nditio ned	S	1	2	3	5339528	11,435.00						

**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		
UBHO SUB		8	3.63	150.00	S135	2.63	1	MWD	REG	6 5/8	REG	6 5/8	* ADD A VENDOR		GT800 S-213		
8" 7/8 5.9 FBH @ 1.50° W/ 9 3/8" NBS		8	0.00	150.00	S135	35.18	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	29.71	1	MWD	IF	4 1/2	IF	4 1/2	* ADD A VENDOR				
6 1/2" UBHO		6.44	3.13	84.60	S135	2.62	1	MWD	IF	4 1/2	IF	4 1/2	* ADD A VENDOR				

### 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)
7" MOTOR - 7/8 6.9 FBH W/8 1/4" NBS @ 1.75		7	0.00	117.30	S135	32.04	1	Mud Motor	IF	4 1/2	REG	4 1/2	* ADD A VENDOR				
5" TOOL CARRIER		5.19	2.81	51.50	S135	28.98	1	MWD	XT39	4	XT40	4	* ADD A VENDOR				
5" UBHO		5.19	2.25	58.50	S135	2.35	1	MWD	XT40	4	XT39	4	* ADD A VENDOR				
5" MOTOR - 6/7 8.0 FBH @ 1.83° W/6.125" NBS		5	0.00	66.80	S135	29.27	1	Mud Motor	XT39	4	REG	3 1/2	* ADD A VENDOR				

### 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)
11,453.0	11,862.0	427.00	8.75	8.75	46.7	350	40	0				350.0
11,862.0	12,588.0	1,153.00	12.00	0.00	60.5	350	40	20				350.0

### 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	0.0	11/9/2022	18.94	94.00		
Surface	10 3/4	1,255.0	0.0	12/10/2022	9.88	45.50	1,076.0	16.50
Intermediate1	7 5/8	11,420.0	-6.3	4/2/2023	6.75	29.70	8,585.5	14.51



178.Daily Partner Report  
UL 20 PADDLE TAIL B 503H

Report Date: 4/8/2023  
Report #: 18  
Actual Days: 16.75

Well Info

API / UWI 4230136079	Region / Division DELAWARE BASIN	District DELAWARE BASIN SOUTH	Field Name PRIMARY	Original Spud Date 12/8/2022
County LOVING	State/Province TEXAS	Original KB/RT Elevation (ft) 2,855.00	Ground Elevation (ft) 2,823.00	

Job Summary

Job Category DRILLING	Last Casing String Intermediate1, 11,420.0ftKB	AFE Dur Total (days) 26.52	Total AFE (Cost) 5,317,773.41	Cumulative Cost (Cost) 2,802,266.39
--------------------------	---	-------------------------------	----------------------------------	--

Daily Ops Summary

Rig (Names) NABORS DRILLING NABORS X04	Wellbore Original Hole	End Depth (ftKB) 21,175.0	Depth Progress (ft) 1,988.00	Daily Cost Total (Cost) 160,155.10
Weather	Hole Condition	Drilling Hours (hr) 22.25	Avg ROP (ft/hr) 89.3	Cum TL Days from Spud (...) 12.42

Ops and Depth @ Morning Report  
DRILLING 6 3/4" LATERAL @ 21,175'.

Last 24hr Summary  
DRILL 6 3/4" LATERAL F/19,187' T/21,175'.

HAUL OFFS: 3  
TOTAL HAULED: 57

24hr Forecast  
DRILL 6 3/4" LATERAL SECTION.

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	DRLG	P	19,187.0	19,212.0	ROTATE DRILL 6 3/4" LATERAL F/19,187' - T/19,212' (25' @ 100 FPH) WOB:30, RPM:80, GPM:370, SPP:6,400, DIFF:750, MMRPM:264, TQ:18K.
06:15	07:30	1.25	PROD1	DRILL	DDRL	P	19,212.0	19,261.0	SLIDE DRILL 6 3/4" LATERAL F/19,212' - T/19,261' (49' @ 39.2FPH) WOB:35, GPM:400, MMRPM:264 SPP:6270, DIFF:250, TF: 90L.
07:30	09:30	2.00	PROD1	DRILL	DRLG	P	19,261.0	19,575.0	ROTATE DRILL 6 3/4" LATERAL F/19,261' - T/19,575' (314' @ 157 FPH) WOB:30, RPM:80, GPM:370, SPP:6,400, DIFF:750, MMRPM:264, TQ:18K.
09:30	09:45	0.25	PROD1	DRILL	SVRG	P	19,575.0	19,575.0	SERVICE RIG
09:45	14:45	5.00	PROD1	DRILL	DRLG	P	19,575.0	20,306.0	ROTATE DRILL 6 3/4" LATERAL F/19,575' - T/20,306' (731' @ 146.2 FPH) WOB:30, RPM:80, GPM:370, SPP:6,700, DIFF:1180, MMRPM:264, TQ:18K.
14:45	15:15	0.50	PROD1	DRILL	OTHR	P	20,306.0	20,306.0	ATTEMPT TO DOWNLINK MWD @ 20,306'
15:15	19:45	4.50	PROD1	DRILL	DRLG	P	20,306.0	20,635.0	ROTATE DRILL 6 3/4" LATERAL F/20,306' - T/20,635' (329' @ 73 FPH) WOB:35, RPM:80, GPM:370, SPP:6,600, DIFF:600, MMRPM:244, TQ:20K.
19:45	20:30	0.75	PROD1	DRILL	DDRL	P	20,635.0	20,653.0	SLIDE DRILL 6 3/4" LATERAL F/19,212' - T/19,261' (18' @ 24FPH) WOB:50, GPM:400, MMRPM:264 SPP:6570, DIFF:150, TF: 120R.
20:30	21:00	0.50	PROD1	DRILL	DRLG	P	20,653.0	20,676.0	ROTATE DRILL 6 3/4" LATERAL F/20,653' - T/20,676' (23' @ 46 FPH) WOB:35, RPM:80, GPM:370, SPP:6,800, DIFF:1100, MMRPM:244, TQ:20K.
21:00	21:30	0.50	PROD1	DRILL	SVRG	P	20,676.0	20,676.0	RIG SERVICE - CHANGE SWAB ON MUD PUMP.
21:30	22:15	0.75	PROD1	DRILL	DDRL	P	20,676.0	20,684.0	SLIDE DRILL 6 3/4" LATERAL F/20,676' - T/20,684' (8' @ 11FPH) WOB:50, GPM:400, MMRPM:264 SPP:6470, DIFF:50, TF: 90R.
22:15	22:30	0.25	PROD1	DRILL	DRLG	P	20,684.0	20,705.0	ROTATE DRILL 6 3/4" LATERAL F/20,684' - T/20,705' (21' @ 84 FPH) WOB:35, RPM:80, GPM:370, SPP:6,900, DIFF:1100, MMRPM:244, TQ:21K.
22:30	00:00	1.50	PROD1	DRILL	DDRL	P	20,705.0	20,730.0	SLIDE DRILL 6 3/4" LATERAL F/20,705' - T/20,730' (25' @ 16FPH) WOB:50, GPM:370, MMRPM:264 SPP:5770, DIFF:50, TF: 135R.
00:00	01:00	1.00	PROD1	DRILL	DRLG	P	20,730.0	20,860.0	ROTATE DRILL 6 3/4" LATERAL F/20,730' - T/20,860' (130' @ 130 FPH) WOB:35, RPM:80, GPM:370, SPP:6,800, DIFF:1200, MMRPM:244, TQ:21K.
01:00	03:45	2.75	PROD1	DRILL	DDRL	P	20,860.0	20,890.0	SLIDE DRILL 6 3/4" LATERAL F/20,860' - T/20,890' (30' @ 11FPH) WOB:50, GPM:400, MMRPM:264 SPP:6,400, DIFF:50, TF: 180R.
03:45	04:30	0.75	PROD1	DRILL	DRLG	P	20,890.0	21,023.0	ROTATE DRILL 6 3/4" LATERAL F/20,890' - T/21,023' (133' @ 177 FPH) WOB:35, RPM:80, GPM:370, SPP:6,800, DIFF:1200, MMRPM:244, TQ:21K.
04:30	05:00	0.50	PROD1	DRILL	SRVY	T	21,023.0	21,023.0	RECYCLE MUD PUMPS FOR SURVEY
05:00	06:00	1.00	PROD1	DRILL	DRLG	P	21,023.0	21,175.0	ROTATE DRILL 6 3/4" LATERAL F/21,023' - T/21,175' (152' @ 152 FPH) WOB:35, RPM:80, GPM:370, SPP:7,000, DIFF:1280, MMRPM:244, TQ:22K.

Head Count / Manhours

Company	Function	Personnel Type	Count	Time (hr)	Tot Work Time (hr)
NABORS DRILLING TECHNOLOGIES USA	RIG CREW	CONTRACTOR	12		0.00






**Head Count / Manhours**

Company	Function	Personnel Type	Count	Time (hr)	Tot Work Time (hr)
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	2		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
3/28/2023	GORDON MWD SURVEYS	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	ACK	616	REC ONDITIONED	D	1	1	1	2150	120.00						
PDC		9 7/8	1.50	DRILFO RMANCE	DF616	Reconditioned	S	1	2	3	85379	1,255.00						
PDC		8 3/4	1.00	NOV REED	TKC76-N4	Reconditioned	S	3	2	1	A291281	8,439.00						
PDC		6 3/4	0.75	BAKER HUGHES	DD306WS X	Reconditioned	S	1	2	3	5339528	11,435.00						
PDC		6 3/4	0.75	BAKER HUGHES	DD406TW	Reconditioned	S	1	2	3	5336282							

**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		
UBHO SUB		8	3.63	150.00	S135	2.63	1	MWD	REG	6 5/8	REG	6 5/8	* ADD A VENDOR		GT800 S-213		
8" 7/8 5.9 FBH @ 1.50° W/ 9 3/8" NBS		8	0.00	150.00	S135	35.18	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	29.71	1	MWD	IF	4 1/2	IF	4 1/2	* ADD A VENDOR				
6 1/2" UBHO		6.44	3.13	84.60	S135	2.62	1	MWD	IF	4 1/2	IF	4 1/2	* ADD A VENDOR				
7" MOTOR - 7/8 6.9 FBH W/8 1/4" NBS @1.75		7	0.00	117.30	S135	32.04	1	Mud Motor	IF	4 1/2	REG	4 1/2	* ADD A VENDOR				
5" TOOL CARRIER		5.19	2.81	51.50	S135	28.98	1	MWD	XT39	4	XT40	4	* ADD A VENDOR				
5" UBHO		5.19	2.25	58.50	S135	2.35	1	MWD	XT40	4	XT39	4	* ADD A VENDOR				

### 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" MOTOR - 6/7 8.0 FBH @ 1.83° W/6.125" NBS		5	0.00	66.80	S135	29.27	1	Mud Motor	XT39	4	REG	3 1/2	* ADD A VENDOR				
5" NM TOOL CARRIER		5.19	2.88	67.20		28.98	1	MWD	XT39	4	XT39	4	DTI		525-30-4633		
5" UBHO HIGH FLOW		5.19	2.25	67.20		2.91	1	MWD	XT39	4	XT39	4	* ADD A VENDOR	GORDON	GT-525-008B		
IBEX 5.5" 6/7-8.8 FBH @1.75 TS		5 1/2	2.00	80.00		34.95	1	Mud Motor	XT39	4	NC40	4	* ADD A VENDOR		550-IB-001		

### 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)
19,187.0	19,317.0	6,729.00	7.00	7.00	18.6	400	50	0				350.0
19,317.0	21,175.0	8,587.00	15.25	0.00	121.8	370	40	80				350.0

### 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	0.0	11/9/2022	18.94	94.00		
Surface	10 3/4	1,255.0	0.0	12/10/2022	9.88	45.50	1,076.0	16.50
Intermediate1	7 5/8	11,420.0	-6.3	4/2/2023	6.75	29.70	8,585.5	14.51