



UTL 0708M 0713H

Report Number: 3
Report End Date: 2023-06-30
Days From Spud (days): 100.3

Section 7	Township	Range	County WARD	State TEXAS	API # 42475385510000	Ground Elevation (ft) 2764	KB-Grd (ft) 8.00
--------------	----------	-------	----------------	----------------	-------------------------	-------------------------------	---------------------

Daily Operations

Operations Summary Skid rig. Nipple up. Hook up choke lines, hydraulic lines, electrical lines. Break test BOP, test casing @ 550psi. Finish rig up. Cut drilling line. Change out top drive oil. Pick up 8 3/4" intermediate BHA. Drill out 13 3/8" casing. Drill 10' of new formation for FIT.	End Depth (ftKB) 1,080	Footage (ft) 0
---	---------------------------	-------------------

Time Log

Start Time	End Time	Dur (hr)	Ops Code	Description
16:30	18:00	1.50	SKID/WALK	Break flow line, choke lines, and nipple down for walk. Walk rig to UTL 0708M 0713H.
18:00	21:30	3.50	NUNDBOP	Center Stack over well head. Make up mud line. Nipple up BOP. Make up choke line. Set BOP on well head. Torque set screws on speed head with Cactus tech. Rig up catwalk. Adjust flow line. Make up jet lines, Close/ seal drip pans. Remove BOP trolleys. Install mouse hole. Ground rig and catwalk.
21:30	00:00	2.50	BOPT	Install test plug. Fill BOP with fresh water. Remove drill pipe joint. Close Blinds. Break test BOP and choke and mud lines (250psi low-7,500psi high). Pull test plug. Re-fill stack with water. Casing test to 550psi. for 30min. Drain stack and install wear bushing. Verify casing valve closed.
00:00	01:00	1.00	RIGSRV	Change out Top Drive oil and oil filter.
01:00	02:30	1.50	CUTDL	Cut and slip 10 wraps of drilling line.
02:30	04:00	1.50	PULDBHA	Pick up BHA to drill 8 3/4" intermediate as follows:  8 3/4" Ulterra U616   7" KLX 6/7, 6.5, 1.75° FXD, .23RPG   8 1/4" Stabilizer   6 1/4" Shock Sub   6.45" UBHO Sub   6.57" Drill Collar - Non Mag  6.53" Drill Collar - Non Mag   45x5 HWDP
04:00	05:00	1.00	TIH	TIH with HWDP F/ BHA T/ 975'
05:00	05:30	0.50	CIRC	Wash F/ 975' T/ 1,020. Drill float collar shoe and shoe track.  Float Collar @ 1,032' Shoe @ 1,074'
05:30	06:00	0.50	DRILL	Drill Float/Shoe track, Drill 10' of new formation.

BHA #2, Intermediate 1 Vertical

Size (in) 8 3/4	Model U616	Make Ulterra	Serial Number 67711	Nozzles (1/32") 16/16/16/16/16/16
Avg ROP (ft/hr)	Depth In (ftKB) 1,080.0	Depth Out (ftKB) 1,080.0	Depth Drilled (ft)	Drilling Time (hr)

BHA #1, Surface

Size (in) 17 1/2	Model SPS616	Make Diamant	Serial Number	Nozzles (1/32") 18/18/18/18/18/18/18/18
Avg ROP (ft/hr) 76.2	Depth In (ftKB) 90.0	Depth Out (ftKB) 1,080.0	Depth Drilled (ft) 990.00	Drilling Time (hr) 13.00

Mud Checks

Density (lb/gal) 10.10	Funnel Viscosity (s/qt) 28	PV Calc (cP) 1.0	YP Calc (lb/100ft²) 4.000
---------------------------	-------------------------------	---------------------	------------------------------

Survey Data

MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
890.00	889.935	1.00	78.50	1.759	0.592	1.681	-0.516
1,025.00	1,024.918	0.80	70.00	1.723	0.178	2.239	1.524
1,075.00	1,074.913	0.80	70.00	1.769	0.000	2.477	2.180

Costs

AFE Number DL11150	Daily Total (Cost) 58,668.75	Field Est To Date (Cost) 706,490.80	Total Field Estimate (Cost) 706,490.80
-----------------------	---------------------------------	--	---



UTL 0708M 0713H

Report Number: 4
Report End Date: 2023-07-01
Days From Spud (days): 101.3

Section 7	Township	Range	County WARD	State TEXAS	API # 42475385510000	Ground Elevation (ft) 2764	KB-Grd (ft) 8.00
--------------	----------	-------	----------------	----------------	-------------------------	-------------------------------	---------------------

Daily Operations

Operations Summary Perform 12.5# FIT. Drill 8-3/4" Intermediate F/ 1,080' T/6,406' (5,326') @ 226.6 FPH	End Depth (ftKB) 6,406	Footage (ft) 5,326
--	---------------------------	-----------------------

Time Log

Start Time	End Time	Dur (hr)	Ops Code	Description
06:00	06:30	0.50	FIT	Perform 12.5# EMW FIT with 134 PSI.
06:30	06:00	23.50	DRILL	Drill 8 3/4" Intermediate Section F/ 1,090' T/ 6,406' (5,326') @ 226.6 FPH  24 Hr Total: Drilled 5,326' in 23.5 hrs @ 226.0FPH Slide: 305' (5.7%) in3.5 hrs @ 87.1 FPH Rot:ate: 5,021' (94.3%) in 20 hrs @ 251.1 FPH  Survey Station MD: 6045 INC: 8.79 AZI: 107.14 TVD: 5953.06 VS: -474.57 N+/S-: -234.83 E+/W-: 890.75 DLS: 1.06 TEMP: 120 GAMA: 65 Above / Below: 72 Above Left / Right: 1 Right

BHA #2, Intermediate 1 Vertical

Size (in) 8 3/4	Model U616	Make Ulterra	Serial Number 67711	Nozzles (1/32") 16/16/16/16/16/16
Avg ROP (ft/hr) 226.6	Depth In (ftKB) 1,080.0	Depth Out (ftKB) 6,406.0	Depth Drilled (ft) 5,326.00	Drilling Time (hr) 23.50

BHA #1, Surface

Size (in) 17 1/2	Model SPS616	Make Diamant	Serial Number	Nozzles (1/32") 18/18/18/18/18/18/18/18
Avg ROP (ft/hr) 76.2	Depth In (ftKB) 90.0	Depth Out (ftKB) 1,080.0	Depth Drilled (ft) 990.00	Drilling Time (hr) 13.00

Mud Checks

Density (lb/gal) 10.30	Funnel Viscosity (s/qt) 29	PV Calc (cP) 1.0	YP Calc (lb/100ft²) 4.000
---------------------------	-------------------------------	---------------------	------------------------------

Survey Data

MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
5,950.00	5,859.303	9.80	107.06	-466.141	0.343	-230.323	876.089
6,045.00	5,953.055	8.79	107.14	-474.574	1.063	-234.834	890.755
6,390.00	6,294.003	8.79	107.14	-503.580	0.000	-250.371	941.134

Costs

AFE Number DL11150	Daily Total (Cost) 71,209.63	Field Est To Date (Cost) 777,700.43	Total Field Estimate (Cost) 777,700.43
-----------------------	---------------------------------	--	---



UTL 0708M 0713H

Report Number: 5
Report End Date: 2023-07-02
Days From Spud (days): 102.3

Section 7	Township	Range	County WARD	State TEXAS	API # 42475385510000	Ground Elevation (ft) 2764	KB-Grd (ft) 23.00
-----------	----------	-------	-------------	-------------	----------------------	----------------------------	-------------------

Daily Operations

Operations Summary Drill 8-3/4" Intermediate F/ 6,406' T/9,002 (2,596') @ 115.4 FPH	End Depth (ftKB) 9,002	Footage (ft) 2,596
--	------------------------	--------------------

Time Log

Start Time	End Time	Dur (hr)	Ops Code	Description
06:00	07:00	1.00	DRILL	Drill 8 3/4" Intermediate Section F/ 6,406' T/ 6,501' (95') @ 95 FPH  Total: Drilled 95' in 1 hrs @ 95 FPH Slide: 40' (42%) in .75 hrs @ 53 FPH Rot:ate: 55' (68%) in .25 hrs @ 220 FPH
07:00	08:00	1.00	BOPO	Change out Rotating head assembly
08:00	15:00	7.00	DRILL	Drill 8 3/4" Intermediate Section F/ 6,501' T/ 7,636' (1,135') @162.1 FPH  Total: Drilled 1,135' in 7.0 hrs @ 162.1 FPH Slide: 97' (8.5%) in 3.0 hrs @ 32.3 FPH Rot:ate:1,038' (91.5%) in 4.0 hrs @259.5FPH
15:00	15:30	0.50	RIGSRV	Rig Service
15:30	06:00	14.50	DRILL	Drill 8 3/4" Intermediate Section F/ 7,636' T/ 9,002' (1,366') @ 94.2 FPH  Total: Drilled 1,366' in14.5 hrs @ 94.2 FPH Slide: 40' (2.9%) in 2.0 hrs @ 20 FPH Rot:ate: 1,326' (97.1%) in 12.5 hrs @ 106.8 FPH  24 Hr Total: Drilled 2,596' in 22.5 hrs @ 115.4 FPH Slide: 177' (6.8%) in 5.75 hrs @ 30.8 FPH Rot:ate: 2,419' (93.2%) in 16.75 hrs @ 144.4 FPH  Survey Station MD: 8883 INC: 0.26 AZI: 26.99 TVD: 8786.01 VS: -506.27 N+/S-: -254.91 E+/W-: 935.18 DLS: 0.75 TEMP: 127 GAMA: 18 Above / Below: 2.4 Above Left / Right: 43 Left

BHA #2, Intermediate 1 Vertical

Size (in) 8 3/4	Model U616	Make Ulterra	Serial Number 67711	Nozzles (1/32") 16/16/16/16/16/16
Avg ROP (ft/hr) 159.1	Depth In (ftKB) 1,080.0	Depth Out (ftKB) 9,434.0	Depth Drilled (ft) 8,354.00	Drilling Time (hr) 52.50

BHA #1, Surface

Size (in) 17 1/2	Model SPS616	Make Diamant	Serial Number	Nozzles (1/32") 18/18/18/18/18/18/18/18
Avg ROP (ft/hr) 76.2	Depth In (ftKB) 90.0	Depth Out (ftKB) 1,080.0	Depth Drilled (ft) 990.00	Drilling Time (hr) 13.00

Mud Checks

Density (lb/gal) 10.00	Funnel Viscosity (s/qt) 28	PV Calc (cP) 1.0	YP Calc (lbf/100ft²) 4.000
------------------------	----------------------------	------------------	----------------------------

Survey Data

MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
8,788.00	8,691.010	0.97	20.40	-507.073	0.549	-255.854	934.802
8,883.00	8,786.004	0.26	26.99	-506.270	0.750	-254.908	935.180

For information concerning Production data or Production reporting, please contact: ProductionVolumes@clr.com.



UTL 0708M 0713H

8,977.00	8,880.004	0.13	232.04	-506.154	0.406	-254.783	935.193
Costs							
AFE Number DL11150		Daily Total (Cost) 67,352.30		Field Est To Date (Cost) 845,052.73		Total Field Estimate (Cost) 947,223.80	



UTL 0708M 0713H

Report Number: 6
Report End Date: 2023-07-03
Days From Spud (days): 103.3

Section 7	Township	Range	County WARD	State TEXAS	API # 42475385510000	Ground Elevation (ft) 2764	KB-Grd (ft) 23.00
-----------	----------	-------	-------------	-------------	----------------------	----------------------------	-------------------

Daily Operations

Operations Summary Drilled 8-3/4" Intermediate F/ 9,002' T/ 9,623' (621') @ 73.1 FPH. TOOHSOOF 9,434' T/BHA. Change out bit. SIH/TIH F/BHA T/9,240'. Wash F/9,240' T/9,434'.	End Depth (ftKB) 9,623	Footage (ft) 621
---	------------------------	------------------

Time Log

Start Time	End Time	Dur (hr)	Ops Code	Description
06:00	12:30	6.50	DRILL	Drill 8 3/4" Intermediate Section F/ 9,002' T/ 9,434' (432') @ 66.5 FPH  Total: Drilled 432' in 6.5 hrs @ 66 FPH Slide: 0' (0%) in 0 hrs @ 0 FPH Rot:ate: 432' (100%) in 6.5 hrs @ 66.5 FPH
12:30	14:00	1.50	CIRC	Circulate 1 x 50 bbl sweep around. Calculated strokes 6,200 / Actual strokes 8,700 (29%) washout
14:00	15:00	1.00	REPS	Clear out MPD lines of plug rubber. Tighten MPD lines that were loosened to move MPD assembly.
15:00	16:00	1.00	TOOH	SOH F/ 9,434' T/ 8,481' holding 200 PSI on superchoke.
16:00	16:30	0.50	CIRC	Pump 40 bbl slug.
16:30	19:00	2.50	TOOH	Strip out of the hole F/8,481' T/ 4,000'. Force Fill calculated through kill line while holding 80-110 psi on Super Choke. Shut in MPD. Bullhead 40 bbls of 16# kill mud until casing psi 0 while simultaneously tripping out of hole F/ 4,000' T/ 3,335'.  *POOH due to low ROP*
19:00	19:30	0.50	BOPO	Flow Check. Well Static. Pull Rotating head and install trip nipple.
19:30	20:30	1.00	TOOH	TOOH F/ 3,335' T/ BHA.
20:30	21:00	0.50	PULDBHA	Handle BHA as follows: Rack back top NMDC, Drain KLX 7" _6/7_ 6.5 _1.75 bend motor. Break Ulterra U616M bit. Motor bearing gap was in spec and had minimal slack. Motor drained strong and looked good upon visual inspecton. Motor will be re-run.  8 3/4" Ulterra U616M Bit grade: 7-2
21:00	21:30	0.50	PULDBHA	Make up Reed TKC-76 and re-run KLX 7" _6/7_ 6.5 _1.75 bend motor. Make up Top NMD collar and run in a double of 5" HWDP. Test MWD- Test good.
21:30	02:30	5.00	TIH	TIH F/BHA T/9,225'. Install Rotating head after HWHP tripped on hole. Continuously fill backside through kill line.  *Fill pipe every 35 stands**  No returns until F/BHA T/6,560' Intermittent returns F/6,560' T/9,225'
02:30	03:00	0.50	CIRC	Shut in on MPD. Bull head 55 bbls of system mud to induce returns. Open wellbore and circulate-full returns established.
03:00	04:00	1.00	WASH/REAM	Wash to bottom F/ 9,240' T /9,434"  **Re-logged gamma F/ 9,374' T/ 9,434' **
04:00	06:00	2.00	DRILL	Drill 8 3/4" Intermediate Section F/ 9,434' T/ 9,623' (189') @ 94.5 FPH  Total: Drilled 189' in 2.0 hrs @ 94.5 FPH Slide: 0' (0%) in 0 hrs @ 0 FPH Rot:ate: 189' (100%) in 2.0 hrs @ 95.4 FPH  24 HR Total: Drilled 621' in 8.5 hrs @ 73.1 FPH Slide: 0' (0%) in 0 hrs @ 0 FPH Rot:ate: 621' (100%) in 8.5 hrs @ 73.1 FPH  Survey Station: Survey Station MD: 9451 INC: 0.92 AZI: 250.14 TVD: 9353.95 VS: -506.58 N+/S-: -257.15 E+/W-: 928.58 DLS: 0.15 TEMP: 117 GAMA: 16 Above / Below: 1 Above Left / Right: 50 Left

BHA #3, Intermediate 1 Vertical



UTL 0708M 0713H

Size (in) 8 3/4	Model TKC76	Make Reed	Serial Number A300200	Nozzles (1/32")			
Avg ROP (ft/hr) 94.5	Depth In (ftKB) 9,434.0	Depth Out (ftKB) 9,623.0	Depth Drilled (ft) 189.00	Drilling Time (hr) 2.00			
BHA #2, Intermediate 1 Vertical							
Size (in) 8 3/4	Model U616	Make Ulterra	Serial Number 67711	Nozzles (1/32") 16/16/16/16/16/16			
Avg ROP (ft/hr) 159.1	Depth In (ftKB) 1,080.0	Depth Out (ftKB) 9,434.0	Depth Drilled (ft) 8,354.00	Drilling Time (hr) 52.50			
Mud Checks							
Density (lb/gal) 10.20	Funnel Viscosity (s/qt) 29	PV Calc (cP) 1.0	YP Calc (lb/100ft²) 4.000				
Survey Data							
MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
9,451.00	9,353.945	0.92	250.14	-506.577	0.150	-257.150	928.578
9,529.00	9,431.935	0.92	250.14	-506.656	0.000	-257.576	927.400
9,623.00	9,525.922	1.00	250.00	-506.758	0.085	-258.113	925.920
Costs							
AFE Number DL11150	Daily Total (Cost) 102,171.07	Field Est To Date (Cost) 947,223.80	Total Field Estimate (Cost) 947,223.80				



UTL 0708M 0713H

Report Number: 7
Report End Date: 2023-07-04
Days From Spud (days): 4.0

Section 7	Township	Range	County WARD	State TEXAS	API # 42475385510000	Ground Elevation (ft) 2764	KB-Grd (ft) 23.00
--------------	----------	-------	----------------	----------------	-------------------------	-------------------------------	----------------------

Daily Operations

Operations Summary Drill 8-3/4" Intermediate F/ 9,623' T/ 10,947' (1,324') @ 56.3 FPH	End Depth (ftKB) 10,947	Footage (ft) 1,324
--	----------------------------	-----------------------

Time Log

Start Time	End Time	Dur (hr)	Ops Code	Description
06:00	16:00	10.00	DRILL	Drill 8 3/4" Intermediate Section F/ 9,623' T/ 10,190' (567') @ 56.7 FPH  Drilled 567' in 10.0 hrs @ 56.7 FPH Slide: 88' (15%) in 5.75 hrs @ 15 FPH Rotate: 479' (85%) in 4.25 hrs @ 111 FPH
16:00	16:30	0.50	RIGSRV	Rig Service / Lubricate top drive
16:30	06:00	13.50	DRILL	Drill 8 3/4" Intermediate Section F/ 10,190' T/ 10,947' (757') @ 56.1 FPH  Total: Drilled 757' in 13.5 hrs @ 56.1 FPH Slide: 80' (10.6%) in 6.0 hrs @ 13.3 FPH Rotate: 677' (89.4%) in 7.5 hrs @ 90.3 FPH  24 HR Total: Drilled 1,324' in 23.5 hrs @ 56.3 FPH Slide: 168' (11.9%) in 11.75 hrs @ 14.3 FPH Rotate: 1,156' (88.1%) in 11.75 hrs @ 98.4 FPH  Sruvey Station MD: 10775 INC: 0.92 AZI: 32.17 TVD: 10677.53 VS: -512.46 N+/S-: -266.40 E+/W-: 917.84 DLS: 2.04 TEMP: 140 GAMA: 60 Above / Below: 9 Below Left / Right: 61 Left

BHA #3, Intermediate 1 Vertical

Size (in) 8 3/4	Model TKC76	Make Reed	Serial Number A300200	Nozzles (1/32") 15/15/15/15/15/15
Avg ROP (ft/hr) 59.3	Depth In (ftKB) 9,434.0	Depth Out (ftKB) 10,947.0	Depth Drilled (ft) 1,513.00	Drilling Time (hr) 25.50

BHA #2, Intermediate 1 Vertical

Size (in) 8 3/4	Model U616	Make Ulterra	Serial Number 67711	Nozzles (1/32") 16/16/16/16/16/16
Avg ROP (ft/hr) 159.1	Depth In (ftKB) 1,080.0	Depth Out (ftKB) 9,434.0	Depth Drilled (ft) 8,354.00	Drilling Time (hr) 52.50

Mud Checks

Density (lb/gal) 10.10	Funnel Viscosity (s/qt) 29	PV Calc (cP) 1.0	YP Calc (lbf/100ft²) 4.000
---------------------------	-------------------------------	---------------------	-------------------------------

Survey Data

MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
10,680.00	10,582.391	1.67	299.71	-519.340	0.946	-274.932	913.167
10,775.00	10,677.374	0.92	32.17	-517.839	2.043	-273.601	912.371
10,947.00	10,849.346	1.20	60.00	-516.494	0.336	-271.531	914.666

Costs

AFE Number DL11150	Daily Total (Cost) 89,874.26	Field Est To Date (Cost) 1,037,098.06	Total Field Estimate (Cost) 1,037,098.06
-----------------------	---------------------------------	--	---



UTL 0708M 0713H

Report Number: 8
Report End Date: 2023-07-05
Days From Spud (days): 5.0

Section 7	Township	Range	County WARD	State TEXAS	API # 42475385510000	Ground Elevation (ft) 2764	KB-Grd (ft) 23.00
-----------	----------	-------	-------------	-------------	----------------------	----------------------------	-------------------

Daily Operations

Operations Summary Drill 8-3/4" Intermediate/Curve F/ 10,947' T/ 11,242' (295') @ 36.9 FPH. SOH F/ 11,042' T/ BHA. Pick up 8 3/4" Curve BHA. TIH F/ BHA T/ 11,042'.	End Depth (ftKB) 11,242	Footage (ft) 295
--	-------------------------	------------------

Time Log

Start Time	End Time	Dur (hr)	Ops Code	Description
06:00	07:00	1.00	DRILL	Drill 8 3/4" Intermediate Section F/ 10,947' T/ 11,042' (95') @ 95 FPH  Total: Drilled 95' in 1.0 hrs @ 95 FPH Slide: 0' (0.0%) in 0.0 hrs @ 0.0 FPH Rotate: 95' (100%) in 1.0 hrs @ 95 FPH
07:00	08:30	1.50	CIRC	Circulate 60 bbl sweep surface to surface reciprocating pipe.  Calculated Strokes: 7,090 Actual Strokes: 8,350 Washout: 15%
08:30	09:00	0.50	TOOH	SOH F/ 11,042' T/ 10,095' holding 200 psi on MPD. Hole taking proper fill.
09:00	09:30	0.50	CIRC	Pump 40 bbl slug.
09:30	14:00	4.50	TOOH	SOH F/ 10,095' T/ BHA holding 100-195 PSI on MPD. Hole taking proper fill. Flow check at shoe, remove rotating head assembly and install trip nipple.  *Bullhead well on the fly @ 3,500'. SICP 105 PSI, bullheaded with 65 bbls*
14:00	15:00	1.00	PULDBHA	Handle BHA as follows: Rack back top NMDC, Drain KLX 7" _6/7_ 6.5 _1.75 bend motor. Break Reed TKC76 bit. Motor bearing gap was in spec and had minimal slack. Motor drained strong and looked good upon visual inspection. Lay down shock sub, and stabilizer. Pull mule shoe from UBHO to inspect.  8 3/4" Reed TKC76 Bit grade: 2-1
15:00	15:30	0.50	PULDBHA	Make up Ulterra CF611 and BICO 6.5" _5/6_ 6.0 _2.25 bend motor. Make up float sub and UBO, Scribe, Install MuleShoe. Make up NMDC and install MWD, Make up Top NMDC and run in a double of 5" HWDP. Test MWD at shoe- Test good.
15:30	16:00	0.50	RIGSRV	Rig Service / Lubricate Top Drive
16:00	21:30	5.50	TIH	TIH F/BHA T/10,865'. Install Rotating head after HWHP tripped on hole. Continuously fill backside through kill line.  **Fill pipe every 35 stands**  **Agitator Pressure Drop Test @ 1,420*** Psi pre agitator pick up- 880psi Psi post agitator pick up -1,225psi  **No returns until F/BHA T/6,980*** **Intermittent returns F/6,980' T/10,865***
21:30	22:00	0.50	CIRC	Shut in on MPD. Bull head 58 bbls of system mud to induce returns. Open wellbore and circulate-full returns established.
22:00	22:30	0.50	REPS	Trouble shoot MWD. Tool would not sync. Downlink MWD from 0.6 sec data rate to 0.8 sec data rate. Test tool. Tool in sync.
22:30	23:00	0.50	CIRC	Wash to bottom F/10,865' T/11,042'  **Re-log last 60' F10,982' T/11,042***





UTL 0708M 0713H

23:00	06:00	7.00	DRILL	Drill 8 3/4" Curve Section F/11,042' T/11,242' @ 28.6 FPH			
				Total: Drilled 200' in 7.0 hrs @ 28.6 FPH Slide: 200' (100%) in 7.0 hrs @ 28.6 FPH Rotate: 0' (0%) in 0.0 hrs @ 0 FPH			
				24 HrTotal: Drilled 295' in 8.0 hrs @ 36.9 FPH Slide: 200' (67.8%) in 7.0 hrs @ 28.6 FPH Rotate: 95' (32.2%) in 1.0 hrs @ 95.0 FPH			
				Survey Station MD: 11087 INC: 6.86 AZI: 356.23 TVD: 10989.19 VS: -502.71 N+/S-: -255.94 E+/W-: 918.91 DLS: 5.19 TEMP: 138 GAMA: 29 Above / Below: 2 Above Left / Right: 59 Left			
BHA #4, Curve							
Size (in) 8 3/4		Model CF611		Make Ulterra		Serial Number 63453	
						Nozzles (1/32") 16/16/16/16/16/16	
Avg ROP (ft/hr) 28.6		Depth In (ftKB) 11,042.0		Depth Out (ftKB) 11,242.0		Depth Drilled (ft) 200.00	
						Drilling Time (hr) 7.00	
BHA #3, Intermediate 1 Vertical							
Size (in) 8 3/4		Model TKC76		Make Reed		Serial Number A300200	
						Nozzles (1/32") 15/15/15/15/15/15	
Avg ROP (ft/hr) 60.7		Depth In (ftKB) 9,434.0		Depth Out (ftKB) 11,042.0		Depth Drilled (ft) 1,608.00	
						Drilling Time (hr) 26.50	
Mud Checks							
Density (lb/gal) 10.00		Funnel Viscosity (s/qt) 29		PV Calc (cP) 1.0		YP Calc (lb/100ft²) 4.000	
Survey Data							
MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
10,964.00	10,866.346	0.48	346.82	-515.789	1.126	-270.978	914.046
11,087.00	10,989.031	6.86	356.23	-508.094	5.193	-263.138	913.445
11,242.00	11,135.611	29.00	346.00	-460.915	14.374	-216.860	903.622
Costs							
AFE Number DL11150		Daily Total (Cost) 64,959.02		Field Est To Date (Cost) 1,102,057.08		Total Field Estimate (Cost) 1,102,057.08	



UTL 0708M 0713H

Report Number: 9
Report End Date: 2023-07-06
Days From Spud (days): 6.0

Section 7	Township	Range	County WARD	State TEXAS	API # 42475385510000	Ground Elevation (ft) 2764	KB-Grd (ft) 23.00
-----------	----------	-------	-------------	-------------	----------------------	----------------------------	-------------------

Daily Operations

Operations Summary Drill 8-3/4" Curve F/ 11,242' T/ 11,504' (262') @ 52.4 FPH. Wash F/ 11,504' T/ 11,042', Circulate 1x sweep. SOH F/ 11,042' T/ BHA. Lay down curve BHA#1 & pick up curve BHA#2, TIH F/ BHA T/ 11,042'	End Depth (ftKB) 11,504	Footage (ft) 262
--	-------------------------	------------------

Time Log

Start Time	End Time	Dur (hr)	Ops Code	Description
06:00	11:00	5.00	DRILL	Drill 8 3/4" Curve Section F/11,242' T/11,504' (262') @ 52.4 FPH  24 HrTotal: Drilled 262' in 5.0 hrs @ 52.4 FPH Slide: 262' (100%) in 5.0 hrs @ 52.4 FPH Rotate: 0' (0.0%) in 0.0 hrs @ 0.0 FPH  Survey Station MD: 11371 INC: 34.99 AZI: 351.22 TVD: 11249.83 VS: -397.92 N+/S-: -152.73 E+/W-: 898.54 DLS: 8.17 TEMP: 144 GAMA: 72 Above / Below: 31 Above Left / Right: 47 Left
11:00	11:30	0.50	CIRC	Motor stalled and blew pop off. Replace pop off.
11:30	13:00	1.50	JARRING	Work tight hole after motor stall. Pulling 30-50k over, working in torque. Unable to break free, worked hookload up to 515k to break free.
13:00	14:00	1.00	WASH/REAM	Wash out of curve to circulate and TOO H due to motor yields.
14:00	14:30	0.50	TOOH	SOH F/ 11,042' T/ 10,480' holding 190 PSI MPD  *SOH due to low BUR's*
14:30	15:00	0.50	CIRC	Pump 40 BBL slug
15:00	21:30	6.50	TOOH	SOH F/ 10,480' T/ 4,000' holding 155 PSI MPD  *SOH due to low BUR's*  *Obtain SICP (120 PSI) @ 4,000' and bullhead on the fly with 65 bbl's of 16.8# kill mud*  TOOH F/ 4,000' T/ BHA
21:30	22:30	1.00	PULDBHA	Handle BHA as follows: Rack back top NMDC, BICO 6.5" _5/6_ 6.0_ 2.25 bend motor. Break8.75" Ulterra CF611. Motor bearing gap was in spec and had minimal slack. Motor drained strong and looked good upon visual inspection. Lay down shock sub, and stabilizer. Pull mule shoe from UBHO to inspect.  Bit-8.75" Ulterra CF611: Bit grade: 1-2
22:30	23:30	1.00	PULDBHA	Make up Ulterra CF611 and Total WarHawk 5/6, 8.2, , .43 RPG, 2.38 FXD bend motor. Make up float sub and UBO, Scribe, Install MuleShoe. Make up NMDC and install MWD, Make up Top NMDC and run in a double of 5" HWDP. Test MWD at shoe- Test good.
23:30	00:00	0.50	TIH	TIH F/ BHA T/ 1,450'
00:00	00:30	0.50	CIRC	Install rot head rubber, fill pipe & test MWD tool
00:30	05:00	4.50	TIH	TIH F/ 1,450' T/ 10,068', Hole giving proper displacement.
05:00	05:30	0.50	NUNDBOP	Change out leaking rot head rubber
05:30	06:00	0.50	TIH	TIH F/ 10,068' T/ 11,042' (KOP). Hole giving proper displacement.

BHA #5, Curve

Size (in) 8 3/4	Model CF611	Make Ulterra	Serial Number 63697	Nozzles (1/32") 16/16/16/16/16/16
Avg ROP (ft/hr)	Depth In (ftKB) 11,504.0	Depth Out (ftKB) 11,504.0	Depth Drilled (ft)	Drilling Time (hr)

BHA #4, Curve

Size (in) 8 3/4	Model CF611	Make Ulterra	Serial Number 63453	Nozzles (1/32") 16/16/16/16/16/16
Avg ROP (ft/hr) 38.5	Depth In (ftKB) 11,042.0	Depth Out (ftKB) 11,504.0	Depth Drilled (ft) 462.00	Drilling Time (hr) 12.00

Mud Checks

Density (lb/gal) 10.10	Funnel Viscosity (s/qt) 29	PV Calc (cP) 1.0	YP Calc (lb/100ft²) 4.000
------------------------	----------------------------	------------------	---------------------------



UTL 0708M 0713H

Survey Data							
MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
11,181.00	11,080.932	17.58	346.03	-482.986	11.590	-236.504	915.103
11,276.00	11,168.608	27.38	348.23	-446.784	10.352	-201.109	907.164
11,371.00	11,249.826	34.99	351.22	-397.923	8.172	-152.731	898.537
Costs							
AFE Number DL11150		Daily Total (Cost) 88,439.01		Field Est To Date (Cost) 1,190,496.09		Total Field Estimate (Cost) 1,190,496.09	



UTL 0708M 0713H

Report Number: 10
Report End Date: 2023-07-07
Days From Spud (days): 7.0

Section 7	Township	Range	County WARD	State TEXAS	API # 42475385510000	Ground Elevation (ft) 2764	KB-Grd (ft) 23.00
Daily Operations							
Operations Summary Drill 8-3/4" Curve F/ 11,504' T/ 11,860' (356') @ 50.9 FPH, Wash to top of curve F/ 11,860' T/ 11,016', Circulate 2x bottoms up, Spot starch pill, SOH laying down 5" DP F/ 11,016' T/ 3,500'. Bull head well, TIH 21 STDS F/ derrick.						End Depth (ftKB) 11,860	Footage (ft) 356
Time Log							
Start Time	End Time	Dur (hr)	Ops Code	Description			
06:00	07:00	1.00	CIRC	Fill pipe and break circulation. Bull head 90 bbls of active mud to induce returns.			
07:00	08:00	1.00	TIH	High side motor and TIH through curve.			
08:00	08:30	0.50	CIRC	Re-log gamma F/ 11,444' T/ 11,504'. 500 GPM / 100'/Hr.			
08:30	15:30	7.00	DRILL	Drill 8 3/4" Curve Section F/11,504' T/11,860' (356') @ 50.8 FPH  24 HrTotal: Drilled 356' in 7.0 hrs @ 50.8 FPH Slide: 356' (100%) in 7.0 hrs @ 50.8 FPH Rotate: 0' (0.0%) in 0.0 hrs @ 0.0 FPH  Survey Station MD: 11800 INC: 81.89 AZI: 349.72 TVD: 11485.59 VS: -54.96 N+/S-: 182.60 E+/W-: 823.41 DLS: 14.13 TEMP: 142 GAMA: 13 Above / Below: 65 Below Left / Right: 26 Left			
15:30	17:30	2.00	WASH/REAM	Wash to top of the curve F/ 11,860' T/ 11,016'. 600 GPM / 25'/Min pull speed.			
17:30	20:30	3.00	CIRC	Circulate 2x sweeps around, spot starch pill at top of curve.			
20:30	21:30	1.00	TOOH	SOH F/ 10,921' T/ 9,885' holding 175 PSI on MPD			
21:30	22:00	0.50	CIRC	Pump 40 BBL pill			
22:00	22:30	0.50	RIGSRV	Rig service			
22:30	05:00	6.50	PULDDS	Lay down 5" DP F/ 9,885' T/ 3,500' holding 170 PSI on MPD  *Obtain SICP (70 PSI) @ 3,500' and bullhead on the fly with 45 bbl's of 16.4# kill mud  Lay down 5" DP F/ 3,500' T/ 3,285'			
05:00	06:00	1.00	TIH	TIH 21 STDS F/ derrick			
BHA #5, Curve							
Size (in) 8 3/4		Model CF611		Make Ulterra		Serial Number 63697	Nozzles (1/32") 16/16/16/16/16/16
Avg ROP (ft/hr) 50.9		Depth In (ftKB) 11,504.0		Depth Out (ftKB) 11,860.0		Depth Drilled (ft) 356.00	Drilling Time (hr) 7.00
BHA #4, Curve							
Size (in) 8 3/4		Model CF611		Make Ulterra		Serial Number 63453	Nozzles (1/32") 16/16/16/16/16/16
Avg ROP (ft/hr) 38.5		Depth In (ftKB) 11,042.0		Depth Out (ftKB) 11,504.0		Depth Drilled (ft) 462.00	Drilling Time (hr) 12.00
Mud Checks							
Density (lb/gal) 10.00		Funnel Viscosity (s/qt) 29		PV Calc (cP) 1.0		YP Calc (lb/100ft²) 4.000	
Survey Data							
MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
11,719.00	11,466.448	70.73	347.09	-133.269	13.202	105.625	839.157
11,800.00	11,485.591	81.89	349.72	-54.964	14.133	182.597	823.408
11,860.00	11,489.569	90.50	349.00	4.562	14.400	241.380	812.362
Costs							
AFE Number DL11150		Daily Total (Cost) 115,764.48		Field Est To Date (Cost) 1,306,260.57		Total Field Estimate (Cost) 1,306,260.57	



UTL 0708M 0713H

Report Number: 11
Report End Date: 2023-07-08
Days From Spud (days): 8.0

Section 7	Township	Range	County WARD	State TEXAS	API # 42475385510000	Ground Elevation (ft) 2764	KB-Grd (ft) 23.00
--------------	----------	-------	----------------	----------------	-------------------------	-------------------------------	----------------------

Daily Operations

Operations Summary TOH F/ 5,343' T/ BHA. L.D 8-3/4" Curve BHA, Install False Packoff, Rig Up Maverick casing, Run 7" Intermediate Casing F/ 0' T/ 11,290'.	End Depth (ftKB) 11,860	Footage (ft) 0
---	----------------------------	-------------------

Time Log

Start Time	End Time	Dur (hr)	Ops Code	Description
06:00	12:00	6.00	PULDDS	Lay down DP F/ 5,343' T/ BHA. Hole taking proper fill till 2,500'. Obtained SICP (30) and Bullheaded well with 30 bbls of 16.5# killmud.
12:00	13:30	1.50	PULDBHA	Lay down BHA: Ulterra CF611 and Total WarHawk 5/6, 8.2, 0.43 RPG, 2.38 FXD bend motor. float sub and UBHO, 2x NMDC's.  Bit Grade: 1-2
13:30	15:00	1.50	WHDOPS	Pull wear bushing, Install 10-3/4" False Pack off, test seals to 5k, pull test to 80k. Test Good.
15:00	16:30	1.50	RURDCSG	Rig Up Maverick Casing Crew. Install CRT, Bails, Elevators, Tongs, Torque Turn.
16:30	06:00	13.50	CASE	Run 7" 29# P-110 BTC casing F/ Surface T/ 11,042' (KOP)  Wash Through Curve F/ 11,042' T/ 11,290'  Summit 7" Shoe-1.60' 2 JTS-7" 29# P-110 BTC casing- 86.5' Summit 7" Float- 1.35' 274 JTS-7" 29# P-110 BTC casing-11,734.94' Landing mandrel-2.01' LJ-26.64' Stick up 3.0'  Total length 11,853.04'  Fill every 55 JTS Wash Through Curve

BHA #5, Curve

Size (in) 8 3/4	Model CF611	Make Ulterra	Serial Number 63697	Nozzles (1/32") 16/16/16/16/16/16
Avg ROP (ft/hr) 50.9	Depth In (ftKB) 11,504.0	Depth Out (ftKB) 11,860.0	Depth Drilled (ft) 356.00	Drilling Time (hr) 7.00

BHA #4, Curve

Size (in) 8 3/4	Model CF611	Make Ulterra	Serial Number 63453	Nozzles (1/32") 16/16/16/16/16/16
Avg ROP (ft/hr) 38.5	Depth In (ftKB) 11,042.0	Depth Out (ftKB) 11,504.0	Depth Drilled (ft) 462.00	Drilling Time (hr) 12.00

Mud Checks

Density (lb/gal) 10.00	Funnel Viscosity (s/qt) 29	PV Calc (cP) 1.0	YP Calc (lb/100ft²) 4.000
---------------------------	-------------------------------	---------------------	------------------------------

Survey Data

MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
11,719.00	11,466.448	70.73	347.09	-133.269	13.202	105.625	839.157
11,800.00	11,485.591	81.89	349.72	-54.964	14.133	182.597	823.408
11,860.00	11,489.569	90.50	349.00	4.562	14.400	241.380	812.362

Costs

AFE Number DL11150	Daily Total (Cost) 615,149.68	Field Est To Date (Cost) 1,920,025.25	Total Field Estimate (Cost) 1,920,025.25
-----------------------	----------------------------------	--	---



UTL 0708M 0713H

Report Number: 12
Report End Date: 2023-07-09
Days From Spud (days): 9.0

Section 7	Township	Range	County WARD	State TEXAS	API # 42475385510000	Ground Elevation (ft) 2764	KB-Grd (ft) 23.00
--------------	----------	-------	----------------	----------------	-------------------------	-------------------------------	----------------------

Daily Operations

Operations Summary Wash 7" Casing through curve F/ 11,290' T/ 11,850'. Land out. Circulate 1.5x CSG Capacity, Cement 7" Casing, Test BOP, slip and cut drill line, Make up 6-1/8" Lateral BHA, Pick up 4" DP F/ BHA T/ 1,200'.	End Depth (ftKB) 11,860	Footage (ft) 0
---	----------------------------	-------------------

Time Log

Start Time	End Time	Dur (hr)	Ops Code	Description
06:00	08:00	2.00	CASE	Run 7" 29# P-110 BTC casing F/ 11,042 T/ 11,850'  Wash Through Curve F/ 11,042' T/ 11,850'  Summit 7" Shoe-1.60' 2 JTS-7" 29# P-110 BTC casing- 86.5' Summit 7" Float- 1.35' 274 JTS-7" 29# P-110 BTC casing-11,734.94' Landing mandrel-2.01' LJ-26.64' Stick up 3.0'  Total length 11,853.04'  Fill every 55 JTS Wash Through Curve
08:00	10:00	2.00	CIRC	Circulate 1.5x Casing Capacity holding 125-165 PSI on MPD.
10:00	10:30	0.50	RURDCMT	Rig Up SLB Cementers. Cement head, cement iron.
10:30	14:30	4.00	CMTPT	Cement 7" Intermediate casing as follows:  Pump 40 bbl's 10lb/bbl gel spacer. Pump 763 bbl's of 11.0 lb/bbl lead (2.81 yield   16.87 gal/sk). Pump 43 bbl's of 14.8 lb/bbl tail (1.33 yield   6.33 gal/sk). Pump 436 bbl's of 10 lb/bbl brine for displacement.  0 bbls of spacer and 0 bbls of cement returned to surface. Estimated top @ 345' Partial Returns for Job
14:30	15:00	0.50	CTEST	Test 7" Intermediate Casing to 2,400 PSI (14.1 EMW)  *Offline flushing stack, MPD, Orbit, and choke house.*
15:00	15:30	0.50	RURDCMT	Rig down cement head and iron.
15:30	16:30	1.00	WHDOPS	Back out Landing JT and lay down. Install pack off in well head as per cactus tech. Test pack off to 5K lower seals and 10K upper seals. Pull 40K over. Test Good. Burst top seal. L/D pack off running tool and 5" JT of drill pipe.
16:30	20:00	3.50	PULDBHA	Lay down all 5" tools, pick up 4" tools for floor, dress top drive for 4" , transfer all fluid out of mud tanks and clean tanks, change saver sub to 4"
20:00	01:00	5.00	BOPT	Test BOP equipment as follows:  Set Test Plug. Rig Up Testers HCR - 250 low, 7500 high Blind rams - 250 low, 7500 high Upper and lower pipe rams - 250 low, 7500 high Annular -250 low, 3500 high MPD / Orbit - 250 low, 1000 high Floor valves- 250 low, 7500 high Top Drive and back to the pumps - 250 low 7500 high Install wear bushing
01:00	03:00	2.00	CUTDL	Slip and cut drill line
03:00	04:30	1.50	PULDBHA	Pick up lateral BHA  Bit-Ulterra RPS613 MM-Bico 5.125", 7/8, 8.3, 1.75FBH, .48 RPG, 4.3 BTB
04:30	06:00	1.50	PULDDS	Pick up 4" DP F/ BHA T/ 1,200'

BHA #6, Lateral

Size (in) 6	Model RPS613	Make Ulterra	Serial Number 67687	Nozzles (1/32") 12/12/12/12/12/12
Avg ROP (ft/hr)	Depth In (ftKB) 11,860.0	Depth Out (ftKB) 11,860.0	Depth Drilled (ft)	Drilling Time (hr)

BHA #5, Curve

Size (in) 8 3/4	Model CF611	Make Ulterra	Serial Number 63697	Nozzles (1/32") 16/16/16/16/16/16
Avg ROP (ft/hr) 50.9	Depth In (ftKB) 11,504.0	Depth Out (ftKB) 11,860.0	Depth Drilled (ft) 356.00	Drilling Time (hr) 7.00

Mud Checks

Density (lb/gal) 10.00	Funnel Viscosity (s/qt) 29	PV Calc (cP) 1.0	YP Calc (lb/100ft²) 4.000
---------------------------	-------------------------------	---------------------	------------------------------

Survey Data

MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
11,719.00	11,466.448	70.73	347.09	-133.269	13.202	105.625	839.157

For information concerning Production data or Production reporting, please contact: ProductionVolumes@clr.com.



UTL 0708M 0713H

11,800.00	11,485.591	81.89	349.72	-54.964	14.133	182.597	823.408
11,860.00	11,489.569	90.50	349.00	4.562	14.400	241.380	812.362
Costs							
AFE Number DL11150		Daily Total (Cost) 189,013.96		Field Est To Date (Cost) 2,109,039.21		Total Field Estimate (Cost) 2,109,039.21	



UTL 0708M 0713H

Report Number: 13
Report End Date: 2023-07-10
Days From Spud (days): 10.0

Section 7	Township	Range	County WARD	State TEXAS	API # 42475385510000	Ground Elevation (ft) 2764	KB-Grd (ft) 23.00
--------------	----------	-------	----------------	----------------	-------------------------	-------------------------------	----------------------

Daily Operations

Operations Summary Pick up 4" DP F/ 1,200' T/ 11,635', Displace hole with OBM, Drill Shoe Track, Perform 14# FIT, Drill 6-1/8" Lateral F/ 11,860' T/ 12,224' (364') @ 60.7 FPH.	End Depth (ftKB) 12,224	Footage (ft) 364
--	----------------------------	---------------------

Time Log

Start Time	End Time	Dur (hr)	Ops Code	Description
06:00	19:30	13.50	PULDDS	Pick up 4" DP F/ 1,200' T/ 11,635'  Fill Pipe every 3,500'
19:30	20:30	1.00	CIRC	Displace hole with OBM, wash down to tag up on cement.
20:30	22:00	1.50	DRILL	Drill out float and shoe track +10' of new formation for FIT.  Float - 11,753' Shoe- 11,843'
22:00	23:00	1.00	NUNDBOP	Change out leaking rot head rubber
23:00	23:30	0.50	CIRC	Circulate 1x bottoms up.
23:30	00:00	0.50	FIT	Perform 14# FIT (1,194 PSI)
00:00	06:00	6.00	DRILL	Drill 6 3/4" Production Lateral F/11,870' T/ 12,224' (364') @ 60.7' FPH  6 Hour Slide: 55' (15%) 2.75 Hrs @ 20 FPH Rotate: 309' (85%) in 3.25 Hrs @ 95 FPH  **Target Line: 91.3° INC and 11,447' TVD at 0' VS**  Survey MD: 12045 INC: 89.01 AZI: 344.1 TVD: 11497.62 VS: -266.77 N+/S-: -25.09 E+/W-: 866.71 DLS: 3.44  Bit Proj MD: 12,224 INC: 90 AZI: 343 TVD: 11499

BHA #6, Lateral

Size (in) 6	Model RPS613	Make Ulterra	Serial Number 67687	Nozzles (1/32") 12/12/12/12/12/12
Avg ROP (ft/hr) 60.7	Depth In (ftKB) 11,860.0	Depth Out (ftKB) 12,224.0	Depth Drilled (ft) 364.00	Drilling Time (hr) 6.00

BHA #5, Curve

Size (in) 8 3/4	Model CF611	Make Ulterra	Serial Number 63697	Nozzles (1/32") 16/16/16/16/16/16
Avg ROP (ft/hr) 50.9	Depth In (ftKB) 11,504.0	Depth Out (ftKB) 11,860.0	Depth Drilled (ft) 356.00	Drilling Time (hr) 7.00

Mud Checks

Density (lb/gal) 12.40	Funnel Viscosity (s/qt) 80	PV Calc (cP) 34.0	YP Calc (lb/100ft²) 22.000
---------------------------	-------------------------------	----------------------	-------------------------------

Survey Data

MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
11,860.00	11,490.531	88.66	350.16	4.450	11.307	241.440	812.970
11,952.00	11,494.200	86.77	346.38	96.071	4.591	331.427	794.287
12,045.00	11,497.624	89.01	344.10	188.965	3.436	421.285	770.611

Costs

AFE Number DL11150	Daily Total (Cost) 65,984.50	Field Est To Date (Cost) 2,175,123.71	Total Field Estimate (Cost) 2,175,123.71
-----------------------	---------------------------------	--	---





UTL 0708M 0713H

Report Number: 14
Report End Date: 2023-07-11
Days From Spud (days): 11.0

Section 7	Township	Range	County WARD	State TEXAS	API # 42475385510000	Ground Elevation (ft) 2764	KB-Grd (ft) 23.00
--------------	----------	-------	----------------	----------------	-------------------------	-------------------------------	----------------------

Daily Operations

Operations Summary Drill 6-1/8" Lateral F/ 12,224' T/ 14,010 (1,786') @ 76 FPH	End Depth (ftKB) 14,010	Footage (ft) 1,786
---	----------------------------	-----------------------

Time Log

Start Time	End Time	Dur (hr)	Ops Code	Description
06:00	15:00	9.00	DRILL	Drill 6 3/4" Production Lateral F/12,224' T/ 12,856' (632') @ 70.22' FPH  Slide: 50' (8%) 2.75 Hrs @ 18 FPH Rotate: 582' (92%) in 6.25 Hrs @ 93 FPH  **Target Line: 91.3° INC and 11,447' TVD at 0' VS** **New Target Line: 91° INC and 11,522' TVD at 0' VS   Tolerance: 20' Above / 20' Below**
15:00	15:30	0.50	RIGSRV	Rig Service
15:30	06:00	14.50	DRILL	Drill 6 3/4" Production Lateral F/12,856' T/ 14,010' (1,154') @ 79.6' FPH  12 Hour Slide: 40' (3%) 1.25 Hrs @ 32 FPH Rotate: 1,114' (97%) in 13.25 Hrs @ 84 FPH  24 Hour Slide: 90' (5%) 4 Hrs @ 22.5 FPH Rotate: 1,696' (95%) 19.5 Hrs @ 87 FPH  **Target Line: 91° INC and 11,522' TVD at 0' VS   Tolerance: 20' Above / 20' Below**  Survey MD: 13858 INC: 91.43 AZI: 344.54 TVD: 11471.3 VS: 2000.23 N+/S-: 2158.06 E+/W-: 256.45 DLS: 3.58  Bit Proj MD: 13913 INC: 91.43 AZI: 344.54 TVD: 11469.93

BHA #6, Lateral

Size (in) 6	Model RPS613	Make Ulterra	Serial Number 67687	Nozzles (1/32") 12/12/12/12/12/12
Avg ROP (ft/hr) 72.9	Depth In (ftKB) 11,860.0	Depth Out (ftKB) 14,010.0	Depth Drilled (ft) 2,150.00	Drilling Time (hr) 29.50

BHA #5, Curve

Size (in) 8 3/4	Model CF611	Make Ulterra	Serial Number 63697	Nozzles (1/32") 16/16/16/16/16/16
Avg ROP (ft/hr) 50.9	Depth In (ftKB) 11,504.0	Depth Out (ftKB) 11,860.0	Depth Drilled (ft) 356.00	Drilling Time (hr) 7.00

Mud Checks

Density (lb/gal) 12.20	Funnel Viscosity (s/qt) 56	PV Calc (cP) 30.0	YP Calc (lbf/100ft²) 17.000
---------------------------	-------------------------------	----------------------	--------------------------------

Survey Data

MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
13,666.00	11,469.318	89.14	342.69	1,808.281	1.375	1,974.338	312.083
13,762.00	11,471.270	88.53	342.69	1,904.244	0.635	2,065.970	283.525
13,858.00	11,471.304	91.43	344.54	2,000.230	3.583	2,158.058	256.449

Costs

AFE Number DL11150	Daily Total (Cost) 100,664.85	Field Est To Date (Cost) 2,268,636.06	Total Field Estimate (Cost) 2,268,636.06
-----------------------	----------------------------------	--	---



UTL 0708M 0713H

Report Number: 15
Report End Date: 2023-07-12
Days From Spud (days): 12.0

Section 7	Township	Range	County WARD	State TEXAS	API # 42475385510000	Ground Elevation (ft) 2764	KB-Grd (ft) 23.00
-----------	----------	-------	-------------	-------------	----------------------	----------------------------	-------------------

Daily Operations

Operations Summary Drill 6-1/8" Lateral F/ 14,010' T/ 15,354' (1,344') @ 57.2 FPH	End Depth (ftKB) 15,354	Footage (ft) 1,344
--	-------------------------	--------------------

Time Log

Start Time	End Time	Dur (hr)	Ops Code	Description
06:00	13:30	7.50	DRILL	Drill 6 3/4" Production Lateral F/14,010' T/ 14,504' (494') @ 65.9' FPH  8 Hour Slide: 22' (4%) 1.2 Hrs @ 18.3 FPH Rotate: 472' (96%) in 6.8 Hrs @ 69.4 FPH  **Target Line: 91° INC and 11,522' TVD at 0' VS   Tolerance: 20' Above / 20' Below**
13:30	14:00	0.50	RIGSRV	Rig Service
14:00	06:00	16.00	DRILL	Drill 6 3/4" Production Lateral F/14,504' T/ 15,354' (850') @ 54.8' FPH  15.5 Hour Slide: 102' (12%) 6.45 Hrs @ 15.8 FPH Rotate: 748' (88%) in 9.05 Hrs @ 82.7 FPH  24 Hour Slide: 124' (9%) 7.7Hrs @ 16.1FPH Rotate: 1,220' (91%) 15.8 Hrs @ 77.2 FPH  **Target Line: 91° INC and 11,522' TVD at 0' VS   Tolerance: 20' Above / 20' Below** **Target Line: 89.7° INC and 11,471' TVD at 0' VS   Tolerance: 20' Above / 20' Below** **Target Line: 89.4° INC and 11,460' TVD at 0' VS   Tolerance: 20' Above / 20' Below**  Survey MD: 15203 INC: 91.82 AZI: 342.25 TVD: 11509.74 VS: 3343.57 N+/S-: 3441.79 E+/W-: -139.84 DLS: 3.18  Bit Proj MD: 15,354 INC: 91.82 AZI: 342.25 TVD: 11506

BHA #6, Lateral

Size (in) 6	Model RPS613	Make Ulterra	Serial Number 67687	Nozzles (1/32") 12/12/12/12/12/12
Avg ROP (ft/hr) 65.9	Depth In (ftKB) 11,860.0	Depth Out (ftKB) 15,354.0	Depth Drilled (ft) 3,494.00	Drilling Time (hr) 53.00

BHA #5, Curve

Size (in) 8 3/4	Model CF611	Make Ulterra	Serial Number 63697	Nozzles (1/32") 16/16/16/16/16/16
Avg ROP (ft/hr) 50.9	Depth In (ftKB) 11,504.0	Depth Out (ftKB) 11,860.0	Depth Drilled (ft) 356.00	Drilling Time (hr) 7.00

Mud Checks

Density (lb/gal) 12.20	Funnel Viscosity (s/qt) 65	PV Calc (cP) 32.0	YP Calc (lb/100ft²) 16.000
------------------------	----------------------------	-------------------	----------------------------

Survey Data

MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
15,011.00	11,508.631	89.27	341.81	3,151.684	2.250	3,259.246	-80.406
15,107.00	11,510.256	88.79	341.90	3,247.617	0.509	3,350.459	-110.299
15,203.00	11,509.745	91.82	342.25	3,343.563	3.177	3,441.787	-139.841

Costs

AFE Number DL11150	Daily Total (Cost) 157,266.52	Field Est To Date (Cost) 2,425,902.58	Total Field Estimate (Cost) 2,425,902.58
--------------------	-------------------------------	---------------------------------------	--



UTL 0708M 0713H

Report Number: 16
Report End Date: 2023-07-13
Days From Spud (days): 13.0

Section 7	Township	Range	County WARD	State TEXAS	API # 42475385510000	Ground Elevation (ft) 2764	KB-Grd (ft) 23.00
--------------	----------	-------	----------------	----------------	-------------------------	-------------------------------	----------------------

Daily Operations

Operations Summary Drill 6-1/8" Lateral F/ 15,354' T/ 16,527' (1,173') @ 49.9 FPH	End Depth (ftKB) 16,527	Footage (ft) 1,173
--	----------------------------	-----------------------

Time Log

Start Time	End Time	Dur (hr)	Ops Code	Description
06:00	17:30	11.50	DRILL	Drill 6 3/4" Production Lateral F/ 15,354' T/ 16,027' (673') @ 58.5' FPH  11.5 hours Slide: 43' (6%) 2.75 Hrs @ 15.6 FPH Rotate: 630' (94%) in 8.75 Hrs @ 72 FPH  **Target Line: 89.4° INC and 11,460' TVD at 0' VS   Tolerance: 20' Above / 20' Below**
17:30	18:00	0.50	RIGSRV	Rig service
18:00	06:00	12.00	DRILL	Drill 6 3/4" Production Lateral F/16,027' T/ 16,527' (500') @ 41.7' FPH  12 Hour Slide: 42' (8%) 4.75 Hrs @ 8.8 FPH Rotate: 458' (92%) in 7.25 Hrs @ 63.2 FPH  24 Hour Slide: 85' (7%) 7.5 Hrs @ 11.3 FPH Rotate: 1,088' (93%) 16 Hrs @ 68 FPH  **Target Line: 89.4° INC and 11,460' TVD at 0' VS   Tolerance: 20' Above / 20' Below**  Survey MD: 16452 INC: 85.98 AZI: 341.11 TVD: 11506.16 VS: 4591.3 N+/S-: 4647.29 E+/W-: -462.84 DLS: 7.62  Bit Proj MD: 16,527 INC: 85 AZI: 341.11 TVD: 11512

BHA #6, Lateral

Size (in) 6	Model RPS613	Make Ulterra	Serial Number 67687	Nozzles (1/32") 12/12/12/12/12/12
Avg ROP (ft/hr) 61.0	Depth In (ftKB) 11,860.0	Depth Out (ftKB) 16,527.0	Depth Drilled (ft) 4,667.00	Drilling Time (hr) 76.50

BHA #5, Curve

Size (in) 8 3/4	Model CF611	Make Ulterra	Serial Number 63697	Nozzles (1/32") 16/16/16/16/16/16
Avg ROP (ft/hr) 50.9	Depth In (ftKB) 11,504.0	Depth Out (ftKB) 11,860.0	Depth Drilled (ft) 356.00	Drilling Time (hr) 7.00

Mud Checks

Density (lb/gal) 12.20	Funnel Viscosity (s/qt) 63	PV Calc (cP) 32.0	YP Calc (lb/100ft²) 11.000
---------------------------	-------------------------------	----------------------	-------------------------------

Survey Data

MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
16,260.00	11,502.671	89.45	345.86	4,399.529	1.301	4,461.742	-414.134
16,356.00	11,502.964	90.20	347.09	4,495.419	1.501	4,555.077	-436.584
16,452.00	11,506.166	85.98	341.11	4,591.298	7.620	4,647.291	-462.846

Costs

AFE Number DL11150	Daily Total (Cost) 105,510.17	Field Est To Date (Cost) 2,531,252.75	Total Field Estimate (Cost) 2,531,252.75
-----------------------	----------------------------------	--	---



UTL 0708M 0713H

Report Number: 17
Report End Date: 2023-07-14
Days From Spud (days): 14.0

Section 7	Township	Range	County WARD	State TEXAS	API # 42475385510000	Ground Elevation (ft) 2764	KB-Grd (ft) 23.00
--------------	----------	-------	----------------	----------------	-------------------------	-------------------------------	----------------------

Daily Operations

Operations Summary Drill 6-1/8" Lateral F/ 16,527' T/ 17,276' (698') @ 31.7 FPH	End Depth (ftKB) 17,225	Footage (ft) 698
--	----------------------------	---------------------

Time Log

Start Time	End Time	Dur (hr)	Ops Code	Description
06:00	20:30	14.50	DRILL	Drill 6 1/8" Production Lateral F/ 16,527' T/ 16,988' (423') @ 29.2' FPH  14.5 hours Slide: 62' (15%) 5 Hrs @ 12.4 FPH Rotate: 361' (85%) in 9.5 Hrs @ 38 FPH  **Target Line: 88.8° INC and 11,411' TVD at 0' VS Tolerance: 20' Above / 20' Below**
20:30	22:30	2.00	CIRC	Rotate and reciprocate, circulate 2 B/U clean up cycles
22:30	06:00	7.50	RURDRIG	Drill 6 3/4" Production Lateral F/16,988' T/ 17,225' (237') @ 31.6' FPH  9.5 Hour Slide: 32' (14%) 2.5 Hrs @ 12.8 FPH Rotate: 205' (86%) in 5 Hrs @ 41 FPH  24 Hour Slide: 94' (13%) 7.5 Hrs @ 12.5 FPH Rotate: 604' (87%) 14.5 Hrs @ 41.7 FPH  **Target Line: 88.8° INC and 11,411' TVD at 0' VS   Tolerance: 20' Above / 20' Below** **Target Line: 88° INC and 11,351' TVD at 0' VS   Tolerance: 20' Above / 20' Below**  Survey MD: 17125 INC: 93.14 AZI: 343.57 TVD: 11530.18 VS: 5262.06 N+/S-: 5280.67 E+/W-: -686.88 DLS: 1.47  Bit Proj MD: 17225 INC: 93 AZI: 343.57 TVD: 11531

BHA #6, Lateral

Size (in) 6	Model RPS613	Make Ulterra	Serial Number 67687	Nozzles (1/32") 12/12/12/12/12/12
Avg ROP (ft/hr) 54.5	Depth In (ftKB) 11,860.0	Depth Out (ftKB) 17,225.0	Depth Drilled (ft) 5,365.00	Drilling Time (hr) 98.50

BHA #5, Curve

Size (in) 8 3/4	Model CF611	Make Ulterra	Serial Number 63697	Nozzles (1/32") 16/16/16/16/16/16
Avg ROP (ft/hr) 50.9	Depth In (ftKB) 11,504.0	Depth Out (ftKB) 11,860.0	Depth Drilled (ft) 356.00	Drilling Time (hr) 7.00

Mud Checks

Density (lb/gal) 12.20	Funnel Viscosity (s/qt) 75	PV Calc (cP) 38.0	YP Calc (lbf/100ft²) 14.000
---------------------------	-------------------------------	----------------------	--------------------------------

Survey Data

MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
16,933.00	11,533.282	87.08	339.62	5,070.270	0.969	5,097.719	-629.178
17,029.00	11,534.271	91.74	343.39	5,166.147	6.243	5,188.715	-659.614
17,125.00	11,530.184	93.14	343.57	5,262.056	1.470	5,280.666	-686.886

Costs

AFE Number DL11150	Daily Total (Cost) 115,522.97	Field Est To Date (Cost) 2,646,775.72	Total Field Estimate (Cost) 2,646,775.72
-----------------------	----------------------------------	--	---



UTL 0708M 0713H

Report Number: 18
Report End Date: 2023-07-15
Days From Spud (days): 15.0

Section 7	Township	Range	County WARD	State TEXAS	API # 42475385510000	Ground Elevation (ft) 2764	KB-Grd (ft) 23.00
--------------	----------	-------	----------------	----------------	-------------------------	-------------------------------	----------------------

Daily Operations

Operations Summary Perform clean up cycle, Strip/Trip out of the hole F/ 17,225' T/ BHA, Change BHA, Trip in the hole F/ BHA T/ 16,413', wash and ream to bottom F/ 16,413' T/ 17,225'	End Depth (ftKB) 17,225	Footage (ft) 0
---	----------------------------	-------------------

Time Log

Start Time	End Time	Dur (hr)	Ops Code	Description
06:00	08:00	2.00	CIRC	Perform clean up cycle as follows: Circulate 2 B/U while reciprocating pipe @ 297 gpm, 70 rpm and 20 ft/min. Shakers clean
08:00	12:30	4.50	TOOH	Strip out of the hole F/ 17,225' T/ 11,015' while holding 600 psi on drilling choke. Hole taking proper fill.  Pull first 5 stands wet before pumping slug  *** Tripping due to low ROP ***
12:30	13:00	0.50	CIRC	Flow check. Pull rotating head. Install hydraulic slips
13:00	17:30	4.50	TOOH	Trip out of the hole F/ 11,015' T/ BHA. Top fill with trip tank. Hole taking proper fill
17:30	19:30	2.00	PULDBHA	Lay down lateral BHA #1 and pick up lateral BHA #2  Bit-Baker DD406TWH MM-Bico 7/8, 6.1, 1.75 FBH, .51 RPG 4.3' BTB
19:30	05:00	9.50	TIH	TIH F/ BHA T/ 16,413'  Lay down 5 JTS of bad DP and install rot head rubber
05:00	06:00	1.00	WASH/REAM	Wash and ream to bottom F/ 16,413' T/ 17,225'

BHA #6, Lateral

Size (in) 6	Model RPS613	Make Ulterra	Serial Number 67687	Nozzles (1/32") 12/12/12/12/12/12
Avg ROP (ft/hr) 54.5	Depth In (ftKB) 11,860.0	Depth Out (ftKB) 17,225.0	Depth Drilled (ft) 5,365.00	Drilling Time (hr) 98.50

BHA #5, Curve

Size (in) 8 3/4	Model CF611	Make Ulterra	Serial Number 63697	Nozzles (1/32") 16/16/16/16/16/16
Avg ROP (ft/hr) 50.9	Depth In (ftKB) 11,504.0	Depth Out (ftKB) 11,860.0	Depth Drilled (ft) 356.00	Drilling Time (hr) 7.00

Mud Checks

Density (lb/gal) 12.10	Funnel Viscosity (s/qt) 76	PV Calc (cP) 35.0	YP Calc (lb/100ft²) 15.000
---------------------------	-------------------------------	----------------------	-------------------------------

Survey Data

MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
16,933.00	11,533.282	87.08	339.62	5,070.270	0.969	5,097.719	-629.178
17,029.00	11,534.271	91.74	343.39	5,166.147	6.243	5,188.715	-659.614
17,125.00	11,530.184	93.14	343.57	5,262.056	1.470	5,280.666	-686.886

Costs

AFE Number DL11150	Daily Total (Cost) 101,694.57	Field Est To Date (Cost) 2,748,470.29	Total Field Estimate (Cost) 2,748,470.29
-----------------------	----------------------------------	--	---



UTL 0708M 0713H

Report Number: 19
Report End Date: 2023-07-16
Days From Spud (days): 16.0

Section 7	Township	Range	County WARD	State TEXAS	API # 42475385510000	Ground Elevation (ft) 2764	KB-Grd (ft) 23.00
-----------	----------	-------	-------------	-------------	----------------------	----------------------------	-------------------

Daily Operations

Operations Summary	End Depth (ftKB)	Footage (ft)
Wash and Ream F/ 17,078' T/ 17,225'. Drill 6-1/8" Lateral F/ 17,225' T/ 18,426' (1,201') @ 53.4 FPH	18,426	1,201

Time Log

Start Time	End Time	Dur (hr)	Ops Code	Description
06:00	07:00	1.00	WASH/REAM	Wash and ream to bottom F/ 17,078' T/ 17,225' @ 250 gpm, 50 rpm, 20 fpm Relog last 30' of gamma
07:00	14:30	7.50	DRILL	Drill 6 1/8" Production Lateral F/ 17,225' T/ 17,561' (336') @ 44.8' FPH  7.5 hours Slide: 45' (13%) 3.5 Hrs @ 12.9 FPH Rotate: 291' (87%) in 4 Hrs @ 72.8 FPH  **Target Line: 88° INC and 11,351' TVD at 0' VS Tolerance: 20' Above / 20' Below** **Target Line: 88.3° INC and 11,371' TVD at 0' VS Tolerance: 20' Above / 20' Below**
14:30	15:00	0.50	RIGSRV	Rig service and SPR's
15:00	06:00	15.00	DRILL	Drill 6 1/8" Production Lateral F/ 17,561' T/ 18,426' (865') @ 38.4' FPH  15 hours Slide: 50' (6%) 3 Hrs @ 16.7 FPH Rotate: 815' (94%) in 12 Hrs @ 67.9 FPH  **Target Line: 88.3° INC and 11,371' TVD at 0' VS Tolerance: 20' Above / 20' Below**

BHA #7, Lateral

Size (in) 6	Model D406	Make Baker	Serial Number 5339858	Nozzles (1/32") 16/16/16/16/16
Avg ROP (ft/hr) 47.7	Depth In (ftKB) 17,225.0	Depth Out (ftKB) 19,418.0	Depth Drilled (ft) 2,193.00	Drilling Time (hr) 46.00

BHA #6, Lateral

Size (in) 6	Model RPS613	Make Ulterra	Serial Number 67687	Nozzles (1/32") 12/12/12/12/12/12
Avg ROP (ft/hr) 54.5	Depth In (ftKB) 11,860.0	Depth Out (ftKB) 17,225.0	Depth Drilled (ft) 5,365.00	Drilling Time (hr) 98.50

Mud Checks

Density (lb/gal) 12.35	Funnel Viscosity (s/qt) 66	PV Calc (cP) 28.0	YP Calc (lbf/100ft²) 12.000
------------------------	----------------------------	-------------------	-----------------------------

Survey Data

MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
18,179.00	11,544.959	91.96	345.24	6,314.699	1.163	6,301.014	-947.946
18,274.00	11,542.190	91.38	344.36	6,409.642	1.109	6,392.650	-972.843
18,371.00	11,539.033	92.35	344.89	6,506.578	1.139	6,486.128	-998.548

Costs

AFE Number DL11150	Daily Total (Cost) 88,181.24	Field Est To Date (Cost) 2,836,651.53	Total Field Estimate (Cost) 2,902,110.46
--------------------	------------------------------	---------------------------------------	--



UTL 0708M 0713H

Report Number: 20
Report End Date: 2023-07-17
Days From Spud (days): 17.0

Section 7	Township	Range	County WARD	State TEXAS	API # 42475385510000	Ground Elevation (ft) 2764	KB-Grd (ft) 23.00
Daily Operations							
Operations Summary Drill 6-1/8" Lateral F/ 18,426' T/ 19,418' (992') @ 42.2 FPH						End Depth (ftKB) 19,418	Footage (ft) 992
Time Log							
Start Time	End Time	Dur (hr)	Ops Code	Description			
06:00	13:00	7.00	DRILL	Drill 6 1/8" Production Lateral F/ 18,426' T/ 18,715' (289') @ 41.3' FPH  7 hours Slide: 8' (2%) 1 Hrs @ 8 FPH Rotate: 281' (98%) in 6 Hrs @ 46.8 FPH  **Target Line: 88.3° INC and 11,371' TVD at 0' VS Tolerance: 20' Above / 20' Below** **Target Line: 89° INC and 11,390' TVD at 0' VS Tolerance: 20' Above / 20' Below**			
13:00	13:30	0.50	RIGSRV	Rig service and SPR's			
13:30	06:00	16.50	DRILL	Drill 6 1/8" Production Lateral F/ 18,715' T/ 19,418' (703') @ 42.6' FPH  16.5 hours Slide: 80' (11%) 6.4 Hrs @ 12.5 FPH Rotate: 623' (89%) in 10.1 Hrs @ 61.7 FPH  **Target Line: 89° INC and 11,390' TVD at 0' VS Tolerance: 20' Above / 20' Below**			
BHA #7, Lateral							
Size (in) 6		Model D406		Make Baker		Serial Number 5339858	
Avg ROP (ft/hr) 47.7		Depth In (ftKB) 17,225.0		Depth Out (ftKB) 19,418.0		Nozzles (1/32") 16/16/16/16/16/16	
				Depth Drilled (ft) 2,193.00		Drilling Time (hr) 46.00	
BHA #6, Lateral							
Size (in) 6		Model RPS613		Make Ulterra		Serial Number 67687	
Avg ROP (ft/hr) 54.5		Depth In (ftKB) 11,860.0		Depth Out (ftKB) 17,225.0		Nozzles (1/32") 12/12/12/12/12/12	
				Depth Drilled (ft) 5,365.00		Drilling Time (hr) 98.50	
Mud Checks							
Density (lb/gal) 12.35		Funnel Viscosity (s/qt) 65		PV Calc (cP) 29.0		YP Calc (lbf/100ft²) 10.000	
Survey Data							
MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
19,139.00	11,509.531	90.24	343.57	7,273.819	0.512	7,224.744	-1,206.289
19,235.00	11,510.486	88.62	342.78	7,369.806	1.877	7,316.626	-1,234.073
19,331.00	11,512.689	88.75	345.50	7,465.769	2.836	7,408.938	-1,260.299
Costs							
AFE Number DL11150		Daily Total (Cost) 65,458.93		Field Est To Date (Cost) 2,902,110.46		Total Field Estimate (Cost) 2,902,110.46	





UTL 0708M 0713H

Report Number: 21
Report End Date: 2023-07-18
Days From Spud (days): 18.0

Section 7	Township	Range	County WARD	State TEXAS	API # 42475385510000	Ground Elevation (ft) 2764	KB-Grd (ft) 23.00
--------------	----------	-------	----------------	----------------	-------------------------	-------------------------------	----------------------

Daily Operations

Operations Summary Drill 6-1/8" Lateral F/ 19,418' T/ 20,385' (967') @ 45 FPH	End Depth (ftKB) 20,385	Footage (ft) 967
--	----------------------------	---------------------

Time Log

Start Time	End Time	Dur (hr)	Ops Code	Description
06:00	15:00	9.00	DRILL	Drill 6 1/8" Production Lateral F/ 19,418' T/ 19,771' (353') @ 39.2' FPH  9 hours Slide: 82' (23%) 6 Hrs @ 13.7 FPH Rotate: 271' (77%) in 3 Hrs @ 90.3 FPH
15:00	15:30	0.50	RIGSRV	Rig service
15:30	17:00	1.50	DRILL	Drill 6 1/8" Production Lateral F/ 19,771' T/ 19,797' (26') @ 17.3' FPH  1.5 hours Slide: 26' (17.3%) 1.5 Hrs @ FPH
17:00	19:00	2.00	REPS	**Problem Time** Totco system down-Totco reps trouble shooting loss of communication problem
19:00	06:00	11.00	DRILL	Drill 6 1/8" Production Lateral F/ 19,797' T/ 20,385' (588') @ 53.5' FPH  11 hours Slide: 80' (14%) 4 Hrs @ 20 FPH Rotate: 508' (86%) in 7 Hrs @ 72.6 FPH  24 hr total: 967' in 21.5 hrs @ 45 FPH Slide: 188' (19%) 11.5 Hrs @ 16.3 FPH Rotate: 779' (81%) in 10 Hrs @ 77.9 FPH

BHA #7, Lateral

Size (in) 6	Model D406	Make Baker	Serial Number 5339858	Nozzles (1/32") 16/16/16/16/16/16
Avg ROP (ft/hr) 45.9	Depth In (ftKB) 17,225.0	Depth Out (ftKB) 21,404.0	Depth Drilled (ft) 4,179.00	Drilling Time (hr) 91.00

BHA #6, Lateral

Size (in) 6	Model RPS613	Make Ulterra	Serial Number 67687	Nozzles (1/32") 12/12/12/12/12/12
Avg ROP (ft/hr) 54.5	Depth In (ftKB) 11,860.0	Depth Out (ftKB) 17,225.0	Depth Drilled (ft) 5,365.00	Drilling Time (hr) 98.50

Mud Checks

Density (lb/gal) 12.35	Funnel Viscosity (s/qt) 68	PV Calc (cP) 29.0	YP Calc (lb/100ft²) 11.000
---------------------------	-------------------------------	----------------------	-------------------------------

Survey Data

MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
20,100.00	11,525.907	89.80	342.60	8,234.275	1.295	8,147.544	-1,472.597
20,196.00	11,527.415	88.40	340.67	8,330.190	2.483	8,238.637	-1,502.838
20,292.00	11,530.584	87.82	334.69	8,425.555	6.255	8,327.356	-1,539.259

Costs

AFE Number DL11150	Daily Total (Cost) 82,653.93	Field Est To Date (Cost) 2,984,764.39	Total Field Estimate (Cost) 3,072,951.97
-----------------------	---------------------------------	--	---





UTL 0708M 0713H

Report Number: 22
Report End Date: 2023-07-19
Days From Spud (days): 19.0

Section 7	Township	Range	County WARD	State TEXAS	API # 42475385510000	Ground Elevation (ft) 2764	KB-Grd (ft) 23.00
--------------	----------	-------	----------------	----------------	-------------------------	-------------------------------	----------------------

Daily Operations

Operations Summary Drill 6-1/8" Lateral F/ 20,385' T/ 21,404' (1,019') @ 43.4 FPH	End Depth (ftKB) 21,404	Footage (ft) 1,019
--	----------------------------	-----------------------

Time Log

Start Time	End Time	Dur (hr)	Ops Code	Description
06:00	16:30	10.50	DRILL	Drill 6 1/8" Production Lateral F/ 20,385' T/ 20,827' (442') @ 42.1' FPH  10.5 hours Slide: 68' (15%) 4 Hrs @ 17 FPH Rotate: 374' (85%) in 6.5 Hrs @ 57.5 FPH
16:30	17:00	0.50	CIRC	Rig service / SPR's
17:00	06:00	13.00	DRILL	Drill 6 1/8" Production Lateral F/ 20,827' T/ 21,404' (577') @ 44.4' FPH  13 hours Slide: 30' (5%) 3 Hrs @ 10 FPH Rotate: 547' (95%) in 10 Hrs @ 54.7 FPH  24 hr total: 1,019' in 23.5 hrs @ 43.4 FPH Slide: 98' (10%) 7 Hrs @ 14 FPH Rotate: 921' (90%) in 16.5 Hrs @ 55.8 FPH

BHA #7, Lateral

Size (in) 6	Model D406	Make Baker	Serial Number 5339858	Nozzles (1/32") 16/16/16/16/16
Avg ROP (ft/hr) 45.9	Depth In (ftKB) 17,225.0	Depth Out (ftKB) 21,404.0	Depth Drilled (ft) 4,179.00	Drilling Time (hr) 91.00

BHA #6, Lateral

Size (in) 6	Model RPS613	Make Ulterra	Serial Number 67687	Nozzles (1/32") 12/12/12/12/12/12
Avg ROP (ft/hr) 54.5	Depth In (ftKB) 11,860.0	Depth Out (ftKB) 17,225.0	Depth Drilled (ft) 5,365.00	Drilling Time (hr) 98.50

Mud Checks

Density (lb/gal) 12.35	Funnel Viscosity (s/qt) 61	PV Calc (cP) 29.0	YP Calc (lb/100ft²) 12.000
---------------------------	-------------------------------	----------------------	-------------------------------

Survey Data

MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
21,061.00	11,550.149	89.76	345.86	9,193.281	0.687	9,061.680	-1,763.467
21,157.00	11,549.813	90.64	346.30	9,289.201	1.025	9,154.859	-1,786.561
21,253.00	11,549.813	89.36	345.59	9,385.128	1.525	9,247.983	-1,809.874

Costs

AFE Number DL11150	Daily Total (Cost) 88,187.58	Field Est To Date (Cost) 3,072,951.97	Total Field Estimate (Cost) 3,072,951.97
-----------------------	---------------------------------	--	---



UTL 0708M 0713H

Report Number: 23
Report End Date: 2023-07-20
Days From Spud (days): 20.0

Section 7	Township	Range	County WARD	State TEXAS	API # 42475385510000	Ground Elevation (ft) 2764	KB-Grd (ft) 23.00
--------------	----------	-------	----------------	----------------	-------------------------	-------------------------------	----------------------

Daily Operations

Operations Summary Drill 6-1/8" Lateral F/ 21,404' T/21,950' (546') @ 52.0 FPH, Perform clean up cycle, Strip/Trip out of the hole F/ 21,950 T/12,000'	End Depth (ftKB) 21,950	Footage (ft) 546
---	----------------------------	---------------------

Time Log

Start Time	End Time	Dur (hr)	Ops Code	Description
06:00	15:30	9.50	DRILL	Drill 6 1/8" Production Lateral F/ 21,404' T/ 21,844' (440') @ 46.3 FPH  9.5 hrs Slide: 0' (0%) 0Hrs @ 0 FPH Rotate: 440' (100%) in 9.5 Hrs @ 46.3 FPH
15:30	16:00	0.50	RIGSRV	Rig service and SPR's
16:00	17:00	1.00	DRILL	Drill 6 1/8" Production Lateral F/ 21,844' T/ 21,950' (106') @ 106 FPH  1.0 Hrs 106' in 1.0 hrs @ 106 FPH Slide: 0' (0%) 0.0 Hrs @ 0.0 FPH Rotate: 106' (100%) in 1.0 Hrs @ 106 FPH  24 hr total: 546' in 10.5 hrs @ 52.0 FPH Slide: 0' (0%) 0 Hrs @ 0 FPH Rotate: 546' (100%) in 10.5 Hrs @ 52.0 FPH
17:00	00:00	7.00	CIRC	Perform clean up cycle as follows: Circulate 4 B/U while reciprocating pipe @ 260 gpm, 80 rpm and 15-20 ft/min. Rack back stand after each bottoms up F/21,950' T/21,570' Shakers clean
00:00	06:00	6.00	TIH	Strip out of the hole F/ 21,570' T/ 12,000' while holding 350-550 psi on drilling choke. Hole taking proper fill. Pull first 5 stands wet before pumping slug  ***Rabbit dropped @ HWDP***

BHA #7, Lateral

Size (in) 6	Model D406	Make Baker	Serial Number 5339858	Nozzles (1/32") 16/16/16/16/16/16
Avg ROP (ft/hr) 46.6	Depth In (ftKB) 17,225.0	Depth Out (ftKB) 21,950.0	Depth Drilled (ft) 4,725.00	Drilling Time (hr) 101.50

BHA #6, Lateral

Size (in) 6	Model RPS613	Make Ulterra	Serial Number 67687	Nozzles (1/32") 12/12/12/12/12/12
Avg ROP (ft/hr) 54.5	Depth In (ftKB) 11,860.0	Depth Out (ftKB) 17,225.0	Depth Drilled (ft) 5,365.00	Drilling Time (hr) 98.50

Mud Checks

Density (lb/gal) 12.50	Funnel Viscosity (s/qt) 68	PV Calc (cP) 29.0	YP Calc (lb/100ft²) 13.000
---------------------------	-------------------------------	----------------------	-------------------------------

Survey Data

MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
21,829.00	11,558.333	89.67	349.81	9,959.741	1.986	9,809.506	-1,936.796
21,895.00	11,558.915	89.32	349.55	10,025.386	0.661	9,874.435	-1,948.619
21,950.00	11,559.568	89.32	349.55	10,080.102	0.000	9,928.519	-1,958.594

Costs

AFE Number DL11150	Daily Total (Cost) 137,043.91	Field Est To Date (Cost) 3,209,995.88	Total Field Estimate (Cost) 3,209,995.88
-----------------------	----------------------------------	--	---



UTL 0708M 0713H

Report Number: 24
Report End Date: 2023-07-21
Days From Spud (days): 21.0

Section 7	Township	Range	County WARD	State TEXAS	API # 42475385510000	Ground Elevation (ft) 2764	KB-Grd (ft) 23.00
-----------	----------	-------	-------------	-------------	----------------------	----------------------------	-------------------

Daily Operations

Operations Summary Strip out of hole to 10,951', Trip back below shoe @ 11,935', Circulate slug out of pipe through choke, TOO H F/ 11,935' T/ BHA. Lay down directional BHA, Rig up casing crew, Run 4.5" production liner F/Surface T/6,500'	End Depth (ftKB) 21,950	Footage (ft) 0
---	-------------------------	----------------

Time Log

Start Time	End Time	Dur (hr)	Ops Code	Description
06:00	06:30	0.50	TOOH	Strip out of the hole F/ 12,000' T/ 10,951' while holding 450 psi on drilling choke. Hole taking proper fill.
06:30	07:30	1.00	CIRC	Perform flow check prior to pulling rotating head. Well had a steady 1 finger stream of flow and was not slowing down. Attempted to pull 2 more stands and found well was swabbing. Shut in well and recorded SICP @ 0 psi. Decision made to trip out at reduced speed and monitor hole fill.
07:30	08:00	0.50	TOOH	Trip out of the hole F/ 10,951' T/ 10,005' at reduced speed. Hole was no longer swabbing but did not take correct fill.
08:00	08:30	0.50	CIRC	Shut in well and recorded SICP @ 0 PSI. Decision made to trip back in past the shoe and circulate 1 full circulation.
08:30	10:00	1.50	TIH	Trip in the hole F/ 10,005' T/ 11,935' while taking returns through a full open drilling choke. Hole displacing properly.
10:00	12:00	2.00	CIRC	Circulate 1 full circulation through full open super choke @ 250 gpm. Reciprocate pipe below shoe @ 20 rpm and 10 fpm. Shut in and recorded SICP @ 0 PSI. Open orbit and flow check. Wellbore static.
12:00	19:30	7.50	TOOH	Trip out of the hole F/ 11,935' T/ BHA. Hole taking proper fill.  Pump slug @ 10,022' and pull rotating head
19:30	20:30	1.00	PULDBHA	Lay down lateral BHA as follows: Lay down top NMDC, Drain Motor (5" Bico 7/8, 6.1, 1.75 FBH, .51 RPG), break bit (6 1/8" Baker D406TWH), Lay down motor, float sub, UBHO, and NM MWD collar.  6 1/8" Baker D406TW grade: 2-1-BT-M-X-0-NO-TD
20:30	21:00	0.50	SAFE	Hold PJSM with casing crew, torque turn, thread rep, and liner hanger rep.
21:00	22:00	1.00	RURDCSG	Rig up casing crew.
22:00	06:00	8.00	CASE	Dump test torque turn equipment. Pick up Baker wet shoe and test floats. Dump test torque turn equipment. Run 4.5" production casing F/ Surface T/ 6,500'

BHA #7, Lateral

Size (in) 6	Model D406	Make Baker	Serial Number 5339858	Nozzles (1/32") 16/16/16/16/16/16
Avg ROP (ft/hr) 46.6	Depth In (ftKB) 17,225.0	Depth Out (ftKB) 21,950.0	Depth Drilled (ft) 4,725.00	Drilling Time (hr) 101.50

BHA #6, Lateral

Size (in) 6	Model RPS613	Make Ulterra	Serial Number 67687	Nozzles (1/32") 12/12/12/12/12/12
Avg ROP (ft/hr) 54.5	Depth In (ftKB) 11,860.0	Depth Out (ftKB) 17,225.0	Depth Drilled (ft) 5,365.00	Drilling Time (hr) 98.50

Mud Checks

Density (lb/gal) 12.35	Funnel Viscosity (s/qt) 71	PV Calc (cP) 29.0	YP Calc (lb/100ft²) 13.000
------------------------	----------------------------	-------------------	----------------------------

Survey Data

MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
21,829.00	11,558.333	89.67	349.81	9,959.741	1.986	9,809.506	-1,936.796
21,895.00	11,558.915	89.32	349.55	10,025.386	0.661	9,874.435	-1,948.619
21,950.00	11,559.568	89.32	349.55	10,080.102	0.000	9,928.519	-1,958.594

Costs

A/E Number DL11150	Daily Total (Cost) 348,750.70	Field Est To Date (Cost) 3,557,576.68	Total Field Estimate (Cost) 3,557,576.68
--------------------	-------------------------------	---------------------------------------	--



UTL 0708M 0713H

Report Number: 26
Report End Date: 2023-07-22
Days From Spud (days): 22.5

Section 7	Township	Range	County WARD	State TEXAS	API # 42475385510000	Ground Elevation (ft) 2764	KB-Grd (ft) 23.00
Daily Operations							
Operations Summary TOOH. R/D liner tools. Nipple down and prepare to skid rig. Rig down at time of report  24-hour Diesel Usage: 0 gal 24-hour Diesel Received: 0 gal Current Diesel On Location: 18289 gal Total Diesel Usage: 33112 gal OBM on Location: 2465 bbls Buckey					End Depth (ftKB) 21,950	Footage (ft) 0	
Time Log							
Start Time	End Time	Dur (hr)	Ops Code	Description			
06:00	06:30	0.50	CIRC	Finish displacing hole with treat fresh water. Fill trip tank with treated water for trip out of the hole. **Flow check for negative test**			
06:30	07:00	0.50	RURDCMT	Rig down cement crew. Lay down Baker cement head			
07:00	08:00	1.00	CIRC	Flush out Bop, choke and surface lines with sugar water. Blow out lines with air			
08:00	13:30	5.50	TOOH	Trip out of the hole F/ 10,855' T/ Surface. Top fill hole with treated fresh water. Hole taking calculated fill.			
13:30	14:00	0.50	PULDBHA	Lay down Baker liner running tool with Baker representative.			
14:00	15:30	1.50	WHDOPS	Pull wear bushing. Run in with Wash down Tool, Wash down Wellhead. Install circulation plug, Engage and pull test to 40K, Test seals to 10K psi.			
15:30	18:00	2.50	NUNDBOP	Nipple down BOP, Rig down, Prep to walk over to UTL 0708L 0712H. Install TA cap. Release rig to UTL 0708L 0712H on 07/22/2023 @ 18:00  **Final Report**			
BHA #7, Lateral							
Size (in) 6		Model D406		Make Baker	Serial Number 5339858	Nozzles (1/32") 16/16/16/16/16/16	
Avg ROP (ft/hr) 46.6		Depth In (ftKB) 17,225.0		Depth Out (ftKB) 21,950.0	Depth Drilled (ft) 4,725.00	Drilling Time (hr) 101.50	
BHA #6, Lateral							
Size (in) 6		Model RPS613		Make Ulterra	Serial Number 67687	Nozzles (1/32") 12/12/12/12/12/12	
Avg ROP (ft/hr) 54.5		Depth In (ftKB) 11,860.0		Depth Out (ftKB) 17,225.0	Depth Drilled (ft) 5,365.00	Drilling Time (hr) 98.50	
Mud Checks							
Density (lb/gal) 12.35		Funnel Viscosity (s/qt) 77		PV Calc (cP) 29.0		YP Calc (lbf/100ft²) 13.000	
Survey Data							
MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
21,829.00	11,558.333	89.67	349.81	9,959.741	1.986	9,809.506	-1,936.796
21,895.00	11,558.915	89.32	349.55	10,025.386	0.661	9,874.435	-1,948.619
21,950.00	11,559.568	89.32	349.55	10,080.102	0.000	9,928.519	-1,958.594
Costs							
AFE Number DL11150		Daily Total (Cost) 192,290.50		Field Est To Date (Cost) 3,816,821.38		Total Field Estimate (Cost) 3,816,821.38	