



UTL 0708A 0601H

Report Number: 4
Report End Date: 2023-06-04
Days From Spud (days): 69.6

Section 6	Township	Range	County WARD	State TEXAS	API # 42475385390000	Ground Elevation (ft) 2768	KB-Grd (ft) 21.50
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Daily Operations

Operations Summary Walk from UTL 0708B 0602H, N/U & test BOP, P/U directional tools, TIH, Cut drilling line, Drill shoe track, Perform F.I.T., Drill 8 3/4" Intermediate F/ 1,085' T/ 3,173' (2,088') @ 232 FPH	End Depth (ftKB) 3,173	Footage (ft) 2,088
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Time Log

Start Time	End Time	Dur (hr)	Ops Code	Description
06:00	07:30	1.50	SKID/WALK	Walk rig from UTL 0708B 0602H and center over UTL 0708A 0601H
07:30	09:30	2.00	NUNDBOP	Nipple up BOP, mudlines, choke lines, flowline and pollution pans
09:30	11:30	2.00	BOPT	PJSM with Unit rig crew, Allegiant testers and CLR representative; Install test plug and fill stack; Test wellhead, choke line and mud line breaks to 250 low 7,500 high for 5 minutes; Pull test plug
11:30	12:00	0.50	CTEST	Test casing to 600 psi for 30 minutes
12:00	12:30	0.50	WHDOPS	Install wear bushing
12:30	13:00	0.50	RIGSRV	Service rig, Check top drive track guides
13:00	14:00	1.00	SAFE	Perform pre-spud inspection; Prep rig floor, Stage out BHA
14:00	15:30	1.50	PULDBHA	PJSM with Total Directional, Unit rig crew and CLR representative; Pick up Total BHA #2 conventional intermediate assembly consisting of Reed TKC66-AZ3 (SN: A294326), 7.00" WarHawk Motor 7/8 8.5 - 1.75 FBH - .26 rpg - BFF, 6.75" String Stabilizer (8.25"), 6.75" Shock Sub, 6.75" UBHO (BTS - 73' / BTG - 69'), 6.75" NMDC, 6.75" NMDC, 6.75" X/O
15:30	16:00	0.50	TIH	TIH F/ 124' T/ 673'
16:00	16:30	0.50	SURV	Fill pipe and test MWD (Good test)
16:30	17:30	1.00	CUTDL	Cut drilling line, Perform drawworks brake test, Calibrate blocks
17:30	18:00	0.50	TIH	TIH F/ 673' T/ 1,000'
18:00	19:30	1.50	WASH/REAM	Drill out shoe track and rat hole F/ 1,000' T/ 1,085' -Tag cement @ 1,025' -Float collar @ 1,030' -Shoe @ 1,074'
19:30	20:00	0.50	DRILL	Drill 10' new formation F/ 1,085' T/ 1,095'
20:00	20:30	0.50	FIT	Perform F.I.T. to 112 psi (12.2 ppg EMW)
20:30	21:00	0.50	DRILL	Drill 8 3/4" Intermediate F/ 1,095' T/ 1,126'
21:00	21:30	0.50	WOW	Wait on weather (Hail and lightning); Repair MWD antennas damaged during the storm
21:30	04:30	7.00	DRILL	Drill 8 3/4" Intermediate F/ 1,126 T/ 2,889' (1,663') @ 277.2 FPH Rotate: 1,504' in 5 hrs @ 300.8 FPH Slide: 159' in 2 hrs @ 79.5 FPH
04:30	05:00	0.50	RIGSRV	Service rig, Check top drive track guides
05:00	06:00	1.00	DRILL	Drill 8 3/4" Intermediate F/ 2,889' T/ 3,173' (284') @ 284 FPH Last 24 hours Total Footage: 2,088' in 9 hrs @ 232 FPH Rotate: 1,914' in 6.5 hrs @ 294.5 FPH Slide: 174' in 2.5 hrs @ 69.6 FPH Last Survey MD: 3008 INC: 2.15 AZM: 246.36 TVD: 3005.08 VS: 56.98 A/B: 3' A L/R: 19' R

BHA #2, Intermediate Vertical

Size (in) 8 3/4	Model TKC66	Make Reed	Serial Number A294326	Nozzles (1/32") 16/16/16/16/16/16
Avg ROP (ft/hr) 232.0	Depth In (ftKB) 1,085.0	Depth Out (ftKB) 3,173.0	Depth Drilled (ft) 2,088.00	Drilling Time (hr) 9.00

BHA #1, Surface

Size (in) 17 1/2	Model SPS616	Make Diamant	Serial Number	Nozzles (1/32") 20/20/20/20/20/20/20/20
Avg ROP (ft/hr) 72.2	Depth In (ftKB) 90.0	Depth Out (ftKB) 1,065.0	Depth Drilled (ft) 975.00	Drilling Time (hr) 13.50

Mud Checks

Density (lb/gal) 10.20	Funnel Viscosity (s/qt) 29	PV Calc (cP) 1.0	YP Calc (lb/100ft²) 1.000
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Survey Data

MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
2,913.00	2,910.169	2.77	241.00	79.583	0.971	39.905	-69.292
3,008.00	3,005.081	2.15	246.36	82.145	0.695	38.078	-72.932

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



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3,173.00	3,169.965	2.15	246.36	86.287	0.000	35.596	-78.603
Costs							
A/E Number DL11139	Daily Total (Cost) 76,460.49		Field Est To Date (Cost) 556,705.90		Total Field Estimate (Cost) 556,705.90		



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Report Number: 5
Report End Date: 2023-06-05
Days From Spud (days): 70.6

Section 6	Township	Range	County WARD	State TEXAS	API # 42475385390000	Ground Elevation (ft) 2768	KB-Grd (ft) 21.50
Daily Operations							
Operations Summary Drill 8 3/4" Intermediate F/ 3,173' T/ 7,611' (4,438') @ 193 FPH						End Depth (ftKB) 7,611	Footage (ft) 4,438
Time Log							
Start Time	End Time	Dur (hr)	Ops Code	Description			
06:00	16:30	10.50	DRILL	Drill 8 3/4" Intermediate F/ 3,173' T/ 4,960' (1,786') @ 170.1 FPH Rotate: 1,439' in 6 hrs @ 239.8 FPH Slide: 347' in 4.5 hrs @ 77.1 FPH			
16:30	17:00	0.50	RIGSRV	Service rig, Check top drive track guides			
17:00	04:30	11.50	DRILL	Drill 8 3/4" Intermediate F/ 4,960' T/ 7,422' (2,462') @ 214.1 FPH Rotate: 2,382' in 9 hrs @ 264.7 FPH Slide: 80' in 2.5 hrs @ 32 FPH			
04:30	05:00	0.50	RIGSRV	Service rig, Check top drive track guides			
05:00	06:00	1.00	DRILL	Drill 8 3/4" Intermediate F/ 7,422' T/ 7,611' (189') @ 189 FPH 100% Rotation Last 24 hours Total Footage: 4,438' in 23 hrs @ 193 FPH Rotate: 4,011' in 16 hrs @ 250.7 FPH Slide: 427' in 7 hrs @ 61 FPH Last Survey MD: 7445' INC: 1.67 AZM: 270.18 TVD: 7431.56 VS: 144.10 A/B: 6' B L/R: 8' L			
BHA #2, Intermediate Vertical							
Size (in) 8 3/4		Model TKC66		Make Reed	Serial Number A294326	Nozzles (1/32") 16/16/16/16/16/16	
Avg ROP (ft/hr) 203.9		Depth In (ftKB) 1,085.0		Depth Out (ftKB) 7,611.0	Depth Drilled (ft) 6,526.00	Drilling Time (hr) 32.00	
BHA #1, Surface							
Size (in) 17 1/2		Model SPS616		Make Diamant	Serial Number	Nozzles (1/32") 20/20/20/20/20/20/20	
Avg ROP (ft/hr) 72.2		Depth In (ftKB) 90.0		Depth Out (ftKB) 1,065.0	Depth Drilled (ft) 975.00	Drilling Time (hr) 13.50	
Mud Checks							
Density (lb/gal) 10.40		Funnel Viscosity (s/qt) 30		PV Calc (cP) 1.0		YP Calc (lb/100ft²) 1.000	
Survey Data							
MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
7,350.00	7,336.595	1.54	268.78	325.916	0.937	55.690	-321.125
7,445.00	7,431.557	1.67	270.18	328.535	0.143	55.668	-323.786
7,611.00	7,597.487	1.67	270.18	333.307	0.000	55.683	-328.623
Costs							
AFE Number DL11139		Daily Total (Cost) 55,651.31		Field Est To Date (Cost) 612,357.21		Total Field Estimate (Cost) 612,357.21	



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Report Number: 6
Report End Date: 2023-06-06
Days From Spud (days): 71.6

Section 6	Township	Range	County WARD	State TEXAS	API # 42475385390000	Ground Elevation (ft) 2768	KB-Grd (ft) 21.50
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Daily Operations

Operations Summary Drill 8 3/4" Intermediate F/ 7,611' T/ 9,027' (1,416') @ 101.1 FPH, Perform cleanup cycle, SOOH F/ 9,027' T/ BHA, Change out bit and motor	End Depth (ftKB) 9,027	Footage (ft) 1,416
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Time Log

Start Time	End Time	Dur (hr)	Ops Code	Description
06:00	16:30	10.50	DRILL	Drill 8 3/4" Intermediate F/ 7,611' T/ 8,743' (1,132') @ 107.8 FPH Rotate: 1,112' in 9.5 hrs @ 117.1 FPH Slide: 20' in 1 hr @ 20 FPH
16:30	17:00	0.50	RIGSRV	Service rig, Check top drive track guides
17:00	20:30	3.50	DRILL	Drill 8 3/4" Intermediate F/ 8,743' T/ 9,027' (284') @ 81.1 FPH 100% Rotation Last 24 hours Total Footage: 1,416' in 14 hrs @ 101.1 FPH Rotate: 1,396' in 13 hrs @ 107.4 FPH Slide: 20' in 1 hr @ 20 FPH Last Survey MD: 8956' INC: 1.80° AZM: 351.83° TVD: 8942.14' VS: 158.01' A/B: 7' A L/R: 26' L
20:30	22:00	1.50	CIRC	Perform cleanup cycle; Pump 2 high viscosity sweeps while rotating and reciprocating pipe; Record SICP (70 psi)
22:00	22:30	0.50	TOOH	Strip out of the hole for ROP F/ 9,027' T/ 8,552' wet holding 70 psi on MPD force filling hole
22:30	23:00	0.50	CIRC	Pump slug
23:00	03:30	4.50	TOOH	Strip out of the hole for ROP F/ 8,552' T/ 395' holding 70 psi on MPD force filling hole -Bullhead 61 bbbbs kill mud on the fly -Flow check (Well dead); Pull rotating head & install trip nipple @ 1,669'
03:30	05:00	1.50	PULDDS	Lay down 9 joints 6.5" drill collars
05:00	06:00	1.00	PULDBHA	PJSM with Total Directional, Unit rig crew and CLR representative; Lay down Total BHA #2 conventional intermediate assembly consisting of Reed TKC66-AZ3 (SN: A294326), 7.00" WarHawk Motor 7/8 8.5 -1.75 FBH - .26 rpg - 8.25" NBS - BFF, 6.75" String Stabilizer (8.25"), 6.75" Shock Sub, 6.75" UBHO (BTS - 73' / BTG - 69'), 6.75" NMDC, 6.75" NMDC, 6.75" X/O

BHA #2, Intermediate Vertical

Size (in) 8 3/4	Model TKC66	Make Reed	Serial Number A294326	Nozzles (1/32") 16/16/16/16/16/16
Avg ROP (ft/hr) 172.7	Depth In (ftKB) 1,085.0	Depth Out (ftKB) 9,027.0	Depth Drilled (ft) 7,942.00	Drilling Time (hr) 46.00

BHA #1, Surface

Size (in) 17 1/2	Model SPS616	Make Diamant	Serial Number	Nozzles (1/32") 20/20/20/20/20/20/20/20
Avg ROP (ft/hr) 72.2	Depth In (ftKB) 90.0	Depth Out (ftKB) 1,065.0	Depth Drilled (ft) 975.00	Drilling Time (hr) 13.50

Mud Checks

Density (lb/gal) 10.30	Funnel Viscosity (s/qt) 30	PV Calc (cP) 1.0	YP Calc (lb/100ft²) 1.000
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Survey Data

MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
8,861.00	8,847.176	1.49	349.55	349.896	0.870	61.293	-344.515
8,956.00	8,942.137	1.80	351.83	350.830	0.333	63.985	-344.951
9,023.00	9,009.104	1.80	351.83	351.515	0.000	66.068	-345.250

Costs

AFE Number DL11139	Daily Total (Cost) 79,280.76	Field Est To Date (Cost) 692,519.97	Total Field Estimate (Cost) 692,519.97
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Report Number: 7
Report End Date: 2023-06-07
Days From Spud (days): 72.6

Section 6	Township	Range	County WARD	State TEXAS	API # 42475385390000	Ground Elevation (ft) 2768	KB-Grd (ft) 21.50
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Daily Operations

Operations Summary Drill 8 3/4" Intermediate F/ 9,027' T/ 10,190' (1,163') @ 68.4 FPH	End Depth (ftKB) 10,190	Footage (ft) 1,163
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Time Log

Start Time	End Time	Dur (hr)	Ops Code	Description
06:00	06:30	0.50	PULDBHA	Pick up Total directional conventional intermediate BHA consisting of Reed TKC76-G1 (SN: A296928), 7.00" WarHawk Motor 7/8 5.8 -1.75 FBH - .16 rpg - 8.25" NBS - BFF, 6.75" String Stabilizer (8.25"), 6.75" Shock Sub, 6.75" UBHO (BTS - 73' / BTG - 69'), 6.75" NMDC, 6.75" NMDC; Scribe and test MWD (Good test)
06:30	11:00	4.50	TOOH	Trip in hole F/ BHA' T/ 8,846' -Remove trip nipple and install rotating head @ 1,483' -Fill backside while tripping in; Hole not displacing -Fill pipe every 30 stands
11:00	12:00	1.00	WASH/REAM	Fill pipe and induce flow; Precautionary wash and ream F/ 8,846' T/ 8,975'; Relog gamma F/ 8,975' T/ 9,027'
12:00	15:30	3.50	DRILL	Drill 8 3/4" Intermediate F/ 9,027' T/ 9,413' (386') @ 85.8 FPH 100% Rotation
15:30	16:00	0.50	RIGSRV	Service rig, Check top drive track guides
16:00	03:30	11.50	DRILL	Drill 8 3/4" Intermediate F/ 9,413' T/ 10,070' (657') @ 57.1 FPH Rotate: 568' in 8 hrs @ 71 FPH Slide: 89' in 3.5 hrs @ 25.4 FPH
03:30	04:00	0.50	RIGSRV	Service rig, Check top drive track guides
04:00	06:00	2.00	DRILL	Drill 8 3/4" Intermediate F/ 10,070' T/ 10,190' (120') @ 60 FPH Rotate: 107' in 1.5 hrs @ 71.3 FPH Slide: 13' in 0.5 hrs @ 26 FPH Last 24 hours Total Footage: 1,163' in 17 hrs @ 68.4 FPH Rotate: 1,061' in 13 hrs @ 81.6 FPH Slide: 102' in 4 hrs @ 25.5 FPH Last Survey MD: 10091' INC: 2.29° AZM: 356.58° TVD: 10076.52' VS: 187.76' A/B: 37' A L/R: 27' L

BHA #3, Intermediate Vertical

Size (in) 8 3/4	Model TKC76	Make Reed	Serial Number A296928	Nozzles (1/32") 16/16/16/16/16/16
Avg ROP (ft/hr) 68.4	Depth In (ftKB) 9,027.0	Depth Out (ftKB) 10,190.0	Depth Drilled (ft) 1,163.00	Drilling Time (hr) 17.00

BHA #2, Intermediate Vertical

Size (in) 8 3/4	Model TKC66	Make Reed	Serial Number A294326	Nozzles (1/32") 16/16/16/16/16/16
Avg ROP (ft/hr) 172.7	Depth In (ftKB) 1,085.0	Depth Out (ftKB) 9,027.0	Depth Drilled (ft) 7,942.00	Drilling Time (hr) 46.00

Mud Checks

Density (lb/gal) 12.30	Funnel Viscosity (s/qt) 30	PV Calc (cP) 1.0	YP Calc (lb/100ft²) 1.000
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Survey Data

MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
9,997.00	9,982.551	0.18	39.56	365.285	0.786	90.347	-353.981
10,091.00	10,076.524	2.29	356.58	365.824	2.300	92.336	-353.999
10,190.00	10,175.445	2.29	356.58	367.088	0.000	96.285	-354.235

Costs

AFE Number DL11139	Daily Total (Cost) 99,053.08	Field Est To Date (Cost) 791,573.05	Total Field Estimate (Cost) 791,573.05
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Report Number: 8
Report End Date: 2023-06-08
Days From Spud (days): 73.6

Section 6	Township	Range	County WARD	State TEXAS	API # 42475385390000	Ground Elevation (ft) 2768	KB-Grd (ft) 21.50
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Daily Operations

Operations Summary Drill 8 3/4" Intermediate F/ 10,190' T/ 10,542' (352') @ 70 FPH, Perform cleanup cycle, SOOH F/ 10,190' T/ BHA, Change out bit and motor, Trip in Hole F/BHA T/10,285, Wash F/10,285' T/10,542' Re logging last 30', Drill curve F/10,542' T/10,572	End Depth (ftKB) 10,572	Footage (ft) 382
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Time Log

Start Time	End Time	Dur (hr)	Ops Code	Description
06:00	11:00	5.00	DRILL	Drill 8 3/4" Intermediate F/ 10,190' T/ 10,542' (352') @ 70 FPH Rotate: 287' in 2.5 hrs @ 114 FPH Slide: 65' in 2.5 hrs @ 26 FPH Last 24 hours Total Footage: 352' in 5 hrs @ 70 FPH Rotate: 1,061' in 13 hrs @ 81.6 FPH Slide: 102' in 4 hrs @ 25.5 FPH Last Survey MD 10456.00 INC 3.12 AZM 345.59 TVD 10440.84 VS 209.25 DLS 0.96 N/S 114.32 E/W -355.36 Temp 161 Above / Below 60A Left / Right 22L
11:00	12:30	1.50	CIRC	Circulate 2 sweeps around, hole clean
12:30	18:30	6.00	TOOH	Strip out of the hole for curve assembly F/ 10,542' T/ BHA'; Holding 150 psi on MPD force filling hole; Bullhead 72 bbbls kill mud on the fly; Hole slick
18:30	20:00	1.50	PULDBHA	PJSM with Unit rig crew, Total Directional and CLR rep; L/D Total coventional intermediate assembly consisting of Reed TKC76 7.00" WarHawk Motor (7/8 8.5 -1.75 FBH - .26 rpg - BFF), 6.75 String Stab., 6.75" Shock Sub, 6.75" UBHO (BTS - 72' / BTG - 68'), 6.75" NMDC, 6.75" NMDC, X/O
20:00	20:30	0.50	PULDBHA	P/U Total coventional curve assembly consisting of 8 3/4" Ulterra CF611, 6.75" WarHawk Motor (5/6 8.2 -2.25 FBH - 8.38 KP - .43 rpg - BFF), 6.75" Float Sub, 6.75" UBHO (BTS - 51' / BTG - 46'), 6.75" NMDC, 6.75" NMDC, Scribe motor, Install MWD and test same (Good Test)
20:30	03:30	7.00	TIH	TIH F/ BHA' T/ 10,265'; Filling backside while tripping; Hole not displacing; Filling pipe every 30 stands
03:30	04:00	0.50	WASH/REAM	Wash F/10,285 T/10,512', Re logging last 30'
04:00	05:30	1.50	SURV	Re log Gamma F/10,512' T/, Recycle pumps several times due to gamma not plotting, deleted some whitiz filed to get it to plot
05:30	06:00	0.50	DRILL	Drill 8 3/4" Intermediate F/ 10,542' T/ 10,572' (30') @ 30 FPH Rotate: 0' in 0 hrs @ 0 FPH Slide: 30' in .5 hrs @ 30 FPH Last 24 hours Total Footage: 382' in 5.5 hrs @ 69 FPH Rotate: 1,061' in 13 hrs @ 81.6 FPH Slide: 132' in 3 hrs @ 44FPH Last Survey MD 10456.00 INC 3.12 AZM 345.59 TVD 10440.84 VS 209.25 DLS 0.96 N/S 114.32 E/W -355.36 Temp 161 Above / Below 60A Left / Right 22L

BHA #4, Curve

Size (in) 8 3/4	Model CF611	Make Ulterra	Serial Number 62815	Nozzles (1/32") 16/16/16/16/16/16
Avg ROP (ft/hr) 60.0	Depth In (ftKB) 10,542.0	Depth Out (ftKB) 10,572.0	Depth Drilled (ft) 30.00	Drilling Time (hr) 0.50

BHA #3, Intermediate Vertical

Size (in) 8 3/4	Model TKC76	Make Reed	Serial Number A296928	Nozzles (1/32") 16/16/16/16/16/16/16
Avg ROP (ft/hr) 68.9	Depth In (ftKB) 9,027.0	Depth Out (ftKB) 10,542.0	Depth Drilled (ft) 1,515.00	Drilling Time (hr) 22.00



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Mud Checks							
Density (lb/gal) 10.25	Funnel Viscosity (s/qt) 30		PV Calc (cP) 1.0			YP Calc (lb/100ft²) 1.000	
Survey Data							
MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
9,997.00	9,982.551	0.18	39.56	365.285	0.786	90.347	-353.981
10,091.00	10,076.524	2.29	356.58	365.824	2.300	92.336	-353.999
10,190.00	10,175.445	2.29	356.58	367.088	0.000	96.285	-354.235
Costs							
AFE Number DL11139		Daily Total (Cost) 75,226.61		Field Est To Date (Cost) 866,799.66		Total Field Estimate (Cost) 866,799.66	



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Report Number: 9
Report End Date: 2023-06-09
Days From Spud (days): 74.6

Section 6	Township	Range	County WARD	State TEXAS	API # 42475385390000	Ground Elevation (ft) 2768	KB-Grd (ft) 21.50
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Daily Operations

Operations Summary Drill curve F/10,542' T/10,688', trouble shoot MWD, wash to kop, Circulate bottoms up, SOOH to BHA bullheading on the flt, C/O bit, monel and inspected motor, test MWD and trip in to 10,355, wash F/10,355 T10,688' relogging the last 30', Drill curve F/10,688' T/11,016=328' in 4hr @104 FPH	End Depth (ftKB) 11,016	Footage (ft) 444
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Time Log

Start Time	End Time	Dur (hr)	Ops Code	Description
06:00	08:00	2.00	DRILL	Drill 8 3/4" Curve F/ 10,572' T/ 10,688' (116') @ 58 FPH Rotate: 0' in 0 hrs @ 0 FPH Slide: 116' in 2 hrs @ 358FPH Last 24 hours Total Footage: 116' in 2 hrs @ 58 FPH Rotate: 0' in 0 hrs @ 0 FPH Slide: 116' in 2 hrs @ 358FPH Last Survey INC 10.29 AZM 348.49 TVD 10570.85 VS 224.49 DLS 5.48 N/S 129.26 E/W -358.58 Temp 139 Above / Below 8A Left / Right OTL Build Rate Needed 11.1 Slide seen 45 Slide Ahead 51 Motor Yeild 14.2
08:00	09:30	1.50	CIRC	Trouble shoot MWD, Tool face not moving
09:30	10:00	0.50	WASH/REAM	Wash F/10,688' T/10,540'
10:00	11:00	1.00	CIRC	Citculate B/U
11:00	11:30	0.50	TOOH	SOOH F/10,540' T/9,510' Holding 175 psi on casing
11:30	12:00	0.50	CIRC	Pump slug
12:00	17:00	5.00	TOOH	SOOH F/9,510' T/BHA holding 175psi on back side, Bullheading 84 bbl on the fly, hole slick
17:00	19:00	2.00	PULDBHA	Inspect BHA, C/O MWD, Monel, and bit
19:00	00:00	5.00	TIH	TIH F/ BHA T/10,355'; Filling backside while tripping; Hole not displacing; Filling pipe every 30 stands
00:00	01:30	1.50	REAMB	Ream F/10,355' T/10,688' Relogging last 30'
01:30	05:30	4.00	DRILL	Drill 8 3/4" Curve F/ 10,688' T/ 11,016' (328') @ 82 FPH Rotate: 20' in .5 hrs @ 40 FPH Slide: 308' in 3.5 hrs @ 88 FPH Last 24 hours Total Footage: 328' in 4 hrs @ 82 FPH Rotate: 20' in .5 hrs @ 40 FPH Slide: 308' in 3.5 hrs @ 88 FPH Last Survey INC 41.41 AZM 350.78 TVD 10820.04 VS 352.60 DLS 10.28 N/S 257.93 E/W -374.95 Temp 146 Above / Below 43A Left / Right 6R Build Rate Needed 12.1 Slide seen 95 Slide Ahead 51 Motor Yeild 10.3
05:30	06:00	0.50	RIGSRV	Service rig

BHA #5, Curve

Size (in) 8 3/4	Model CF611	Make Ulterra	Serial Number 63697	Nozzles (1/32") 16/16/16/16/16
Avg ROP (ft/hr) 82.0	Depth In (ftKB) 10,688.0	Depth Out (ftKB) 11,016.0	Depth Drilled (ft) 328.00	Drilling Time (hr) 4.00

BHA #4, Curve



UTL 0708A 0601H

Size (in) 8 3/4	Model CF611	Make Ulterra	Serial Number 62815	Nozzles (1/32") 16/16/16/16/16/16			
Avg ROP (ft/hr) 58.4	Depth In (ftKB) 10,542.0	Depth Out (ftKB) 10,688.0	Depth Drilled (ft) 146.00	Drilling Time (hr) 2.50			
Mud Checks							
Density (lb/gal) 10.15		Funnel Viscosity (s/qt) 29	PV Calc (cP) 1.0		YP Calc (lb/100ft²) 1.000		
Survey Data							
MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
10,776.00	10,743.794	31.65	350.07	407.885	8.121	202.229	-365.593
10,827.00	10,785.683	37.83	350.07	430.582	12.118	230.842	-370.602
11,016.00	10,934.962	37.83	350.07	521.155	0.000	345.023	-390.592
Costs							
AFE Number DL11139		Daily Total (Cost) 115,691.17		Field Est To Date (Cost) 982,490.83		Total Field Estimate (Cost) 982,490.83	



UTL 0708A 0601H

Report Number: 10
Report End Date: 2023-06-10
Days From Spud (days): 75.6

Section 6	Township	Range	County WARD	State TEXAS	API # 42475385390000	Ground Elevation (ft) 2768	KB-Grd (ft) 21.50
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Daily Operations

Operations Summary Drill 8 3/4" curve F/11,016' T/11,183', wash out to TOC, CTHC, SOOH 10 stands, pump slug, SOOH holding 225 on casing bull heading on the fly T/613', Change out lift cable on catwalk, finish L/D DP and bha, install false bowl, test same, rig up casing crew and run casing	End Depth (ftKB) 11,183	Footage (ft) 167
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Time Log

Start Time	End Time	Dur (hr)	Ops Code	Description
06:00	08:00	2.00	DRILL	Drill 8 3/4" Curve F/ 11,016' T/ 11,183' (167') @ 84 FPH Rotate: 30' in .5 hrs @ 60 FPH Slide: 137' in 1.5 hrs @ 91 FPH Last 24 hours Total Footage: 167" in 2 hrs @ 84 FPH Last Survey INC 78.64° AZM 345.06° TVD 10955.43 VS 568.84 DLS 16.17° N/S 470.77 E/W -417.49 Temp 153° Above / Below 25A Left / Right 2L Build Rate Needed 1.3° Slide seen 63 Slide Ahead 33 Motor Yeild 19°
08:00	10:00	2.00	WASH/REAM	Circulate at LP. Wash out of Curve to KOP at 10,540' Holding 200 psi on MPD
10:00	12:30	2.50	CIRC	Circulate 2X BU, Pump 2x 40 bbl High Vis Sweeps, Caliper Sweep 20% washout. Pump and Spot 80 bbl Starch Pill at KOP Holding 175 psi on MPD
12:30	13:30	1.00	TOOH	SOOH 10 Stands F/ 10,540' T/9,620' Holding 200 psi on MPD
13:30	13:45	0.25	CIRC	Pump Slug
13:45	23:15	9.50	PULDDS	SOOH Laying Down 5" DP F/ 9,620' T/613' Holding 225 on casing, bull heading 92 bbl on the fly, hole slick
23:15	01:30	2.25	REPR	Lift cable on catwalk snapped, Monitor well while replace cable
01:30	02:00	0.50	TOOH	Lay down drill pipe F/613, T/BHA
02:00	03:00	1.00	PULDBHA	Lay out Intermediate BHA
03:00	04:00	1.00	RURDCSG	Pull wear bushing, install 10 3/4" false packoff with Cactus tech. Pressure up seals to 5k, set tool, pull test 40k.
04:00	05:00	1.00	RURDCSG	Pre-job safety meeting with Maverick casing crew, Unit rig crew and CLR representative.R/U Maverick casing crew and tq turn with Tubular solutions thread rep. Function blind rams, HCR valve and remote choke. Well static.
05:00	06:00	1.00	CASE	Make up 2 jt shoe track, check floats and Run in the hole w/ 7" 29# VAXP P110 BTC intermediate casing F/0' - T/ 250', top filling casing and pumping through float eq every 40 joints with partial returns,

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) 82.5	Depth In (ftKB) 10,688.0	Depth Out (ftKB) 11,183.0	Depth Drilled (ft) 495.00	Drilling Time (hr) 6.00

BHA #4, Curve

Size (in) 8 3/4	Model CF611	Make Ulterra	Serial Number 62815	Nozzles (1/32") 16/16/16/16/16/16
Avg ROP (ft/hr) 58.4	Depth In (ftKB) 10,542.0	Depth Out (ftKB) 10,688.0	Depth Drilled (ft) 146.00	Drilling Time (hr) 2.50

Mud Checks

Density (lb/gal) 10.25	Funnel Viscosity (s/qt) 29	PV Calc (cP) 1.0	YP Calc (lb/100ft²) 1.000
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Survey Data

MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
10,776.00	10,743.794	31.65	350.07	407.885	8.121	202.229	-365.593
10,827.00	10,785.683	37.83	350.07	430.582	12.118	230.842	-370.602
11,016.00	10,934.962	37.83	350.07	521.155	0.000	345.023	-390.592

Costs

AFE Number DL11139	Daily Total (Cost) 115,449.76	Field Est To Date (Cost) 1,097,940.59	Total Field Estimate (Cost) 1,097,940.59
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UTL 0708A 0601H

Report Number: 11
Report End Date: 2023-06-11
Days From Spud (days): 76.6

Section 6	Township	Range	County WARD	State TEXAS	API # 42475385390000	Ground Elevation (ft) 2768	KB-Grd (ft) 21.50
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Daily Operations

Operations Summary Run 7" Casing F/300' T/11,173', land casing, circ 1.5x rig up and cement, set packoff& test same,test bop	End Depth (ftKB) 11,183	Footage (ft) 0
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Time Log

Start Time	End Time	Dur (hr)	Ops Code	Description
06:00	19:15	13.25	CASE	Run 7" 29# VAXP P110 BTC intermediate casing F/300' - T/ 11,173', Top filling casing and pumping through float equipment every 40 joints Filling back side till caught up with flow, holding 100-150 psi on MPD after well began flowing. Superior Thread Rep on site with Maverick torque turn. (1) Weatherford Float Shoe - 1.61' (2) Casing Joints - 82.70' (1) Weatherford Float Collar - 1.34' (240) Casing Joints - 11,055.80' (1) Cactus Hanger - 1.0' (1) Landing Joint - 26.59' Shoe Depth - 11,173' Float Collar - 11,082'
19:15	20:00	0.75	CASE	Remove rotating head and pick up landing joint
20:00	22:00	2.00	CIRC	Circulate B/U before landing due to gas at surface, SICP after B/U 250 psi, bullhead 123 bbl 16ppg kill mud
22:00	22:15	0.25	CASE	Open Annular, No flow, Land casing
22:15	22:45	0.50	CASE	PJSM, R/D casing crew
22:45	23:15	0.50	RURDCSG	Rig up Schlumberger cement crew
23:15	04:00	4.75	CMTP	Mix and pump intermediate cement job as follows: -40 bbls 8.4 ppg gelled water -735 bbls 11 ppg lead cement (1,464 sacks, 2.82 Yield, Mix H2O @ 16.83 gal/sk) -43 bbls 14.8 ppg tail cement (184 sacks, 1.33 Yield, Mix H2O @ 6.34 gal/sk) Drop plug and displace as follows: -438 bbls fresh water Total Displacement 418 bbls Bumped plug @ 04:00 hrs; Final lift pressure 2,000 psi; Bump plug 500 psi over to 2,500 psi; Bled back 3.5 bbls; Floats held ***NO RETURNS THROUGHOUT CEMENT JOB*** EST. TOC-5012'
04:00	04:30	0.50	CTEST	Test casing to 3,310 psi (14 ppg EMW) for 30 min
04:30	05:00	0.50	RURDCMT	Rig down cementers
05:00	06:00	1.00	WHDOPS	Lay down landing joint with Cactus rep; Run well head wash tool; Install pack off and test seals to 5,000 psi; Pull test to 40K

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) 82.5	Depth In (ftKB) 10,688.0	Depth Out (ftKB) 11,183.0	Depth Drilled (ft) 495.00	Drilling Time (hr) 6.00

BHA #4, Curve

Size (in) 8 3/4	Model CF611	Make Ulterra	Serial Number 62815	Nozzles (1/32") 16/16/16/16/16/16
Avg ROP (ft/hr) 58.4	Depth In (ftKB) 10,542.0	Depth Out (ftKB) 10,688.0	Depth Drilled (ft) 146.00	Drilling Time (hr) 2.50

Mud Checks

Density (lb/gal) 10.15	Funnel Viscosity (s/qt) 29	PV Calc (cP) 1.0	YP Calc (lb/100ft²) 1.000
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Survey Data

MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
10,776.00	10,743.794	31.65	350.07	407.885	8.121	202.229	-365.593
10,827.00	10,785.683	37.83	350.07	430.582	12.118	230.842	-370.602
11,016.00	10,934.962	37.83	350.07	521.155	0.000	345.023	-390.592

Costs

AFE Number DL11139	Daily Total (Cost) 166,855.03	Field Est To Date (Cost) 1,264,795.62	Total Field Estimate (Cost) 1,264,795.62
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UTL 0708A 0601H

Report Number: 12
Report End Date: 2023-06-12
Days From Spud (days): 8.4

Section 6	Township	Range	County WARD	State TEXAS	API # 42475385390000	Ground Elevation (ft) 2768	KB-Grd (ft) 21.50
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Daily Operations

Operations Summary Test BOP, Dress top drive for XT39, L/O Collars from derrick, Install wear bushing, P/U 6 1/8" lateral bha, trip in hole, cut drill line, Displace water with OBM	End Depth (ftKB) 11,183	Footage (ft) 0
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Time Log

Start Time	End Time	Dur (hr)	Ops Code	Description
06:00	14:30	8.50	BOPT	Test Choke Manifold and Choke Lines (250 psi low & 7,500 psi high for 5 minutes each) Install test plug and fill stack with water Test BOP as follows: -Floor valves (250 psi low & 7,500 psi high for 5 minutes each) -4" on floor & mud pumps (250 psi low & 7,500 psi high for 5 minutes each) -Manual and hydraulic IBOP (250 psi low & 7,500 psi high for 5 minutes each) -Upper rams, HCR & Inside kill (250 psi low & 7,500 psi high for 5 minutes each) -4" manual & 2" outside kill (250 psi low & 7,500 psi high for 5 minutes each) -Lower rams (250 psi low & 7,500 psi high for 5 minutes each) -Blind rams & kill line check valve (250 psi low & 7,500 psi high for 5 minutes each) -Annular (250 psi low & 3,500 psi high for 5 minutes each) -MPD/Orbit (250 psi low & 1,000 psi high for 5 minutes each) Pull test plug from rotating head and well head
14:30	15:45	1.25	RIGSRV	Change out Saver sub, Grabber box dies and stabbing guide for 4" pipe
15:45	17:45	2.00	PULDBHA	L/O drill collars from derrick
17:45	18:00	0.25	PULDBHA	Install wear bushing
18:00	19:30	1.50	PULDBHA	Pick up lateral bha as followed, 6 1/8" Reed D506VTWH, 5" Discovery Superhawk 7/8 8.3, 1.75 bend, .48rpg, 4.9' BTB, float sub, ubho, 2 nmdc, and test mwd
19:30	21:30	2.00	TIH	Trip in hole F/BHA T/2,677', Filling pipe with water Pick up Drill and ream @1,049' Pick up agitator @2,483' Psi before 620 Psi after 1070
21:30	22:45	1.25	CUTDL	Cut drill line
22:45	23:15	0.50	RIGSRV	Service rig
23:15	03:15	4.00	WASH/REAM	Trip in hole F/2,577' T/10,569', Filling pipe with water
03:15	04:15	1.00	PULDDS	Pick up 4" drill pipe from rack F/10/569' T/11,082'
04:15	06:00	1.75	CIRC	Displace water with OBM

BHA #6, Lateral

Size (in) 6	Model DD406VTWS	Make Baker	Serial Number 5338105	Nozzles (1/32") 12/12/12/12/12/12
Avg ROP (ft/hr)	Depth In (ftKB)	Depth Out (ftKB)	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) 82.5	Depth In (ftKB) 10,688.0	Depth Out (ftKB) 11,183.0	Depth Drilled (ft) 495.00	Drilling Time (hr) 6.00

Mud Checks

Density (lb/gal) 12.40	Funnel Viscosity (s/qt) 59	PV Calc (cP) 24.0	YP Calc (lbf/100ft²) 9.000
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Survey Data

MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
10,776.00	10,743.794	31.65	350.07	407.885	8.121	202.229	-365.593
10,827.00	10,785.683	37.83	350.07	430.582	12.118	230.842	-370.602
11,016.00	10,934.962	37.83	350.07	521.155	0.000	345.023	-390.592

Costs

AFE Number DL11139	Daily Total (Cost) 207,600.88	Field Est To Date (Cost) 1,472,396.50	Total Field Estimate (Cost) 1,472,396.50
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UTL 0708A 0601H

Report Number: 13
Report End Date: 2023-06-13
Days From Spud (days): 9.4

Section 6	Township	Range	County WARD	State TEXAS	API # 42475385390000	Ground Elevation (ft) 2768	KB-Grd (ft) 21.50
Daily Operations							
Operations Summary Drill out shoe track and 10', circ and fit to 14ppg, drill 6 1/8" lateral F/11,183 T/12,567', 1,384' in 21.5 hr @ 64FPH					End Depth (ftKB) 12,576	Footage (ft) 1,393	
Time Log							
Start Time	End Time	Dur (hr)	Ops Code	Description			
06:00	06:30	0.50	WASH/REAM	Drill out shoe track F/11,082 T/11,183			
06:30	07:00	0.50	DRILL	Drill F/11,183' T/11,193'			
07:00	07:45	0.75	CIRC	Circulate B/U for FIT			
07:45	08:00	0.25	FIT	Preform FIT to 14ppg, 826 psi, Good FIT			
08:00	05:30	21.50	DRILL	Drill 6" Lateral F/ 11,193' T/12,576' (1,383') @ 64 FPH Last 24 hours Total Footage:829' in 23 hrs @ 36 FPH Rotate: 1,121' in hrs @ 85 FPH Slide: 262' in 8.25 hrs @ 31 FPH Last Survey MD 12396.00 INC 88.31 AZM 346.21 TVD 10978.63 VS 1829.25 DLS 1.29 N/S 1693.10 E/W -728.15 Temp 182 Above / Below 6A Left / Right 14R			
05:30	06:00	0.50	RIGSRV	Service rig			
BHA #6, Lateral							
Size (in) 6		Model DD406VTWS		Make Baker	Serial Number 5338105	Nozzles (1/32") 12/12/12/12/12/12	
Avg ROP (ft/hr) 64.8		Depth In (ftKB) 11,183.0		Depth Out (ftKB) 12,576.0	Depth Drilled (ft) 1,393.00	Drilling Time (hr) 21.50	
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) 82.5		Depth In (ftKB) 10,688.0		Depth Out (ftKB) 11,183.0	Depth Drilled (ft) 495.00	Drilling Time (hr) 6.00	
Mud Checks							
Density (lb/gal) 12.45		Funnel Viscosity (s/qt) 59		PV Calc (cP) 19.0		YP Calc (lbf/100ft²) 10.000	
Survey Data							
MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
12,396.00	10,978.630	88.31	346.21	1,842.838	1.292	1,693.097	-728.150
12,451.00	10,980.252	88.31	346.21	1,897.190	0.000	1,746.489	-741.255
12,576.00	10,983.939	88.31	346.21	2,020.717	0.000	1,867.833	-771.037
Costs							
AFE Number DL11139		Daily Total (Cost) 111,450.41		Field Est To Date (Cost) 1,523,867.85		Total Field Estimate (Cost) 1,523,867.85	



UTL 0708A 0601H

Report Number: 14
Report End Date: 2023-06-14
Days From Spud (days): 10.4

Section 6	Township	Range	County WARD	State TEXAS	API # 42475385390000	Ground Elevation (ft) 2768	KB-Grd (ft) 21.50
Daily Operations							
Operations Summary Drill 6 1/8" F/12,567' T/15,178', 2,611' @ 113 FPH						End Depth (ftKB) 15,178	Footage (ft) 2,602
Time Log							
Start Time	End Time	Dur (hr)	Ops Code	Description			
06:00	06:30	0.50	RIGSRV	Service rig			
06:30	05:30	23.00	DRILL	Drill 6" Lateral F/ 12,576' T/15,178' (2,602') @ 113 FPH			
				Last 24 hours			
				Total Footage:2,362' in 17.5 hrs @ 135 FPH Rotate: 1,121' in hrs @ 85 FPH Slide: 240' in 5.5 hrs @ 43 FPH			
				Last Survey			
				MD 14935.00 INC 89.05 AZM 344.27 TVD 10985.94 VS 4365.60 DLS 1.34 N/S 4124.60 E/W -1449.93 Temp 197 Above / Below 4A Left / Right 1R			
05:30	06:00	0.50	RIGSRV	Service rig			
BHA #6, Lateral							
Size (in) 6		Model DD406VTWS		Make Baker	Serial Number 5338105	Nozzles (1/32") 12/12/12/12/12/12	
Avg ROP (ft/hr) 89.8		Depth In (ftKB) 11,183.0		Depth Out (ftKB) 15,178.0	Depth Drilled (ft) 3,995.00	Drilling Time (hr) 44.50	
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) 82.5		Depth In (ftKB) 10,688.0		Depth Out (ftKB) 11,183.0	Depth Drilled (ft) 495.00	Drilling Time (hr) 6.00	
Mud Checks							
Density (lb/gal) 12.60		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)
14,841.00	10,984.979	89.85	345.24	4,278.896	1.279	4,034.576	-1,425.242
14,935.00	10,985.881	89.05	344.27	4,372.656	1.338	4,125.262	-1,449.957
15,029.00	10,986.357	90.37	345.15	4,466.424	1.688	4,215.931	-1,474.744
Costs							
AFE Number DL11139		Daily Total (Cost) 98,686.57		Field Est To Date (Cost) 1,622,554.42		Total Field Estimate (Cost) 1,622,554.42	



UTL 0708A 0601H

Report Number: 15
Report End Date: 2023-06-15
Days From Spud (days): 11.4

Section 6	Township	Range	County WARD	State TEXAS	API # 42475385390000	Ground Elevation (ft) 2768	KB-Grd (ft) 21.50
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Daily Operations

Operations Summary Drill laterl F/15,178 T/16,300', (1,122') @59 FPH	End Depth (ftKB) 16,300	Footage (ft) 1,122
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Time Log

Start Time	End Time	Dur (hr)	Ops Code	Description
06:00	06:30	0.50	RIGSRV	Service rig
06:30	21:00	14.50	DRILL	Drill 6 1/8"Lateral F/15,178' T/16,090' (912') @ 62FPH
21:00	21:30	0.50	REPS	Change out rotating head
21:30	00:00	2.50	DRILL	Drill 6 1/8"Lateral F/ 16,090' T/16,209' (119') @ 47FPH
00:00	02:30	2.50	REPR	Rack 1 stand back, install TIW, pump in sub and 2" hose, Circulate while changing out swivel packing
02:30	03:00	0.50	RIGSRV	Service rig
03:00	05:00	2.00	DRILL	Drill 6 1/8"Lateral F/16,209' T/16,300' (1,122') @ 59FPH Last 24 hours Total Footage:1,122' in 19 hrs @ 59 FPH Rotate: 925' in 102 hrs @ 94.5 FPH Slide:197' in 10 hrs @ 19 FPH Last Survey MD 16156.00 INC 86.73 AZM 345.06 TVD 10988.51 VS 5585.72 DLS 1.06 N/S 5296.91 E/W -1788.17 Temp 197 Above / Below 22A Left / Right 5R
05:00	06:00	1.00	REPR	Troubleshoot MWD & update software

BHA #6, Lateral

Size (in) 6	Model DD406VTWS	Make Baker	Serial Number 5338105	Nozzles (1/32") 12/12/12/12/12/12
Avg ROP (ft/hr) 80.6	Depth In (ftKB) 11,183.0	Depth Out (ftKB) 16,300.0	Depth Drilled (ft) 5,117.00	Drilling Time (hr) 63.50

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) 82.5	Depth In (ftKB) 10,688.0	Depth Out (ftKB) 11,183.0	Depth Drilled (ft) 495.00	Drilling Time (hr) 6.00

Mud Checks

Density (lb/gal) 12.50	Funnel Viscosity (s/qt) 75	PV Calc (cP) 29.0	YP Calc (lb/100ft²) 11.000
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Survey Data

MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
15,969.00	10,977.089	87.30	343.83	5,404.829	5.372	5,117.797	-1,738.024
16,062.00	10,982.507	86.02	344.36	5,497.570	1.489	5,207.083	-1,763.466
16,156.00	10,988.451	86.73	345.06	5,591.229	1.060	5,297.573	-1,788.204

Costs

AFE Number DL11139	Daily Total (Cost) 757,330.82	Field Est To Date (Cost) 2,390,207.00	Total Field Estimate (Cost) 2,390,207.00
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UTL 0708A 0601H

Report Number: 16
Report End Date: 2023-06-16
Days From Spud (days): 12.4

Section 6	Township	Range	County WARD	State TEXAS	API # 42475385390000	Ground Elevation (ft) 2768	KB-Grd (ft) 21.50
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Daily Operations

Operations Summary Drill 6 1/8" lateral F/ 16,300' T/17,355', (1,035') @ 49 FPH	End Depth (ftKB) 17,355	Footage (ft) 1,055
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Time Log

Start Time	End Time	Dur (hr)	Ops Code	Description
06:00	07:00	1.00	REPS	Troubleshoot MWD, Change Out surface cables, Computer & Update software
07:00	04:00	21.00	DRILL	Drill 6 1/8"Lateral F/16,300' T/17,335' (1,035) @ 49 FPH Last 24 hours Total Footage: 1,035' in 21 hrs @ 49 FPH Rotate: 802' in 11.25 hrs @ 71 FPH Slide:233' in 9.75 hrs @ 23 FPH Last Survey MD 17187.00 INC 87.82 AZM 345.33 TVD 11026.09 VS 6615.34 DLS 3.86 N/S 6281.68 E/W -2089.00 Temp 175 Above / Below 19A Left / Right 8L
04:00	04:30	0.50	REPR	Relog gamma due to MWD IP adress issues
04:30	05:00	0.50	RIGSRV	Service rig
05:00	06:00	1.00	DRILL	Drill 6 1/8"Lateral F/17,335' T/11,355' (20) @ 20 FPH Last 24 hours Total Footage: 20' in 1 hrs @ 20 FPH Rotate: 0' in 0 hrs @ 0 FPH Slide:20' in 1 hrs @ 1 FPH Last Survey MD 17187.00 INC 87.82 AZM 345.33 TVD 11026.09 VS 6615.34 DLS 3.86 N/S 6281.68 E/W -2089.00 Temp 175 Above / Below 19A Left / Right 8L

BHA #6, Lateral

Size (in) 6.13	Model DD506	Make Baker	Serial Number 5338105	Nozzles (1/32") 12/12/12/12/12/12
Avg ROP (ft/hr) 72.2	Depth In (ftKB) 11,183.0	Depth Out (ftKB) 17,355.0	Depth Drilled (ft) 6,172.00	Drilling Time (hr) 85.50

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) 82.5	Depth In (ftKB) 10,688.0	Depth Out (ftKB) 11,183.0	Depth Drilled (ft) 495.00	Drilling Time (hr) 6.00

Mud Checks

Density (lb/gal) 12.55	Funnel Viscosity (s/qt) 62	PV Calc (cP) 21.0	YP Calc (lb/100ft²) 24.000
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Survey Data

MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
17,187.00	11,026.031	87.82	345.33	6,620.561	3.862	6,282.345	-2,089.032
17,282.00	11,031.210	85.93	344.54	6,715.262	2.156	6,373.939	-2,113.685
17,355.00	11,036.391	85.93	344.54	6,787.988	0.000	6,444.120	-2,133.096



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Costs			
AFE Number DL11139	Daily Total (Cost) 161,635.36	Field Est To Date (Cost) 2,529,043.36	Total Field Estimate (Cost) 2,529,043.36



UTL 0708A 0601H

Report Number: 17
Report End Date: 2023-06-17
Days From Spud (days): 13.4

Section 6	Township	Range	County WARD	State TEXAS	API # 42475385390000	Ground Elevation (ft) 2768	KB-Grd (ft) 21.50
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Daily Operations

Operations Summary Drill 6 1/8" lateral F/ 17,355' T/18,580', (1,225') @ 53 FPH	End Depth (ftKB) 18,580	Footage (ft) 1,225
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Time Log

Start Time	End Time	Dur (hr)	Ops Code	Description
06:00	06:30	0.50	RIGSRV	Service rig
06:30	05:30	23.00	DRILL	Drill 6 1/8"Lateral F/17,355' T/18,580' (1225) @ 53 FPH Last 24 hours Total Footage: 20' in 1 hrs @ 20 FPH Rotate: 1,010' in 12 hrs @ 84 FPH Slide:215' in 11 hrs @ 19 FPH Last Survey MD 18409.00 INC 85.45 AZM 344.10 TVD 11050.67 VS 7836.25 DLS 1.02 N/S 7457.79 E/W -2417.04 Temp 175 Above / Below 16A Left / Right 6R
05:30	06:00	0.50	RIGSRV	Service rig

BHA #6, Lateral

Size (in) 6.13	Model DD506	Make Baker	Serial Number 5338105	Nozzles (1/32") 12/12/12/12/12/12
Avg ROP (ft/hr) 68.2	Depth In (ftKB) 11,183.0	Depth Out (ftKB) 18,580.0	Depth Drilled (ft) 7,397.00	Drilling Time (hr) 108.50

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) 82.5	Depth In (ftKB) 10,688.0	Depth Out (ftKB) 11,183.0	Depth Drilled (ft) 495.00	Drilling Time (hr) 6.00

Mud Checks

Density (lb/gal) 12.40	Funnel Viscosity (s/qt) 57	PV Calc (cP) 21.0	YP Calc (lbf/100ft²) 11.000
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Survey Data

MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
18,314.00	11,043.548	86.02	344.89	7,745.639	2.810	7,367.124	-2,391.759
18,409.00	11,050.613	85.45	344.10	7,840.292	1.024	7,458.412	-2,417.084
18,580.00	11,064.178	85.45	344.10	8,010.648	0.000	7,622.352	-2,463.783

Costs

AFE Number DL11139	Daily Total (Cost) 85,851.14	Field Est To Date (Cost) 2,614,894.50	Total Field Estimate (Cost) 2,614,894.50
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UTL 0708A 0601H

Report Number: 18
Report End Date: 2023-06-18
Days From Spud (days): 14.4

Section 6	Township	Range	County WARD	State TEXAS	API # 42475385390000	Ground Elevation (ft) 2768	KB-Grd (ft) 21.50
Daily Operations							
Operations Summary Drill 6 1/8" lateral F/ 18,580' T/19140', (560') @ 32 FPH						End Depth (ftKB) 19,140	Footage (ft) 560
Time Log							
Start Time	End Time	Dur (hr)	Ops Code	Description			
06:00	06:30	0.50	RIGSRV	Service rig			
06:30	11:00	4.50	DRILL	Drill 6 1/8"Lateral F/18,580' T/18,810' (230) @ 51 FPH			
11:00	12:15	1.25	REPR	Trouble shoot surface eq for pressure loss			
12:15	14:45	2.50	TOOH	Trip out of hole looking for washout F/18,810' T/18,005'			
14:45	16:45	2.00	WASH/REAM	Wash F/18,005' T/18,810' looking for washout, found washed box and pin, L/O 2 Joints drill pipe			
16:45	05:30	12.75	DRILL	Drill 6 1/8"Lateral F/18,810' T/19,140' (330') @ 25 FPH Last 24 hours Total Footage: 560' in 12.75 hrs @ 32 FPH Rotate: 463' in 6.75 hrs @ 68 FPH Slide:97' in 10.5 hrs @ 9 FPH Last SurveyMD 18973.00 INC 83.91 AZM 339.97 TVD 11087.22 VS 8398.60 DLS 3.77 N/S 7992.98 E/W -2590.48 Temp 175 Above / Below 11B Left / Right 10L			
05:30	06:00	0.50	RIGSRV	Service rig			
BHA #6, Lateral							
Size (in) 6.13		Model DD506		Make Baker	Serial Number 5338105	Nozzles (1/32") 12/12/12/12/12/12	
Avg ROP (ft/hr) 63.3		Depth In (ftKB) 11,183.0		Depth Out (ftKB) 19,140.0	Depth Drilled (ft) 7,957.00	Drilling Time (hr) 125.75	
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) 82.5		Depth In (ftKB) 10,688.0		Depth Out (ftKB) 11,183.0	Depth Drilled (ft) 495.00	Drilling Time (hr) 6.00	
Mud Checks							
Density (lb/gal) 12.40		Funnel Viscosity (s/qt) 60		PV Calc (cP) 21.0		YP Calc (lbf/100ft²) 12.000	
Survey Data							
MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
18,973.00	11,087.310	83.91	339.97	8,402.919	3.766	7,993.628	-2,590.556
19,066.00	11,094.015	87.82	340.76	8,495.620	4.289	8,080.975	-2,621.717
19,140.00	11,096.830	87.82	340.76	8,569.548	0.000	8,150.791	-2,646.084
Costs							
AFE Number DL11139		Daily Total (Cost) 101,231.20		Field Est To Date (Cost) 2,716,125.70		Total Field Estimate (Cost) 2,716,125.70	



UTL 0708A 0601H

Report Number: 19
Report End Date: 2023-06-19
Days From Spud (days): 15.4

Section 6	Township	Range	County WARD	State TEXAS	API # 42475385390000	Ground Elevation (ft) 2768	KB-Grd (ft) 21.50
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Daily Operations

Operations Summary Drill 6 1/8" lateral F/ 19,140' T/19,615', (475') @ 21 FPH	End Depth (ftKB) 19,615	Footage (ft) 475
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Time Log

Start Time	End Time	Dur (hr)	Ops Code	Description
06:00	06:30	0.50	RIGSRV	Service rig
06:30	05:30	23.00	DRILL	Drill 6 1/8"Lateral F/19,140' T/19,615' (475') @ 21 FPH Last 24 hours Total Footage: 475' in 23 hrs @ 21 FPH Rotate: 339' in 7 hrs @ 48.5 FPH Slide:136' in 16 hrs @ 8 FPH Last Survey MD 19535.00 INC 91.65 AZM 344.54 TVD 11075.07 VS 8959.47 DLS 2.18 N/S 8530.69 E/W -2750.04 Temp 175 Above / Below 11A Left / Right 13L
05:30	06:00	0.50	RIGSRV	Service rig

BHA #6, Lateral

Size (in) 6.13	Model DD506	Make Baker	Serial Number 5338105	Nozzles (1/32") 12/12/12/12/12/12
Avg ROP (ft/hr) 53.1	Depth In (ftKB) 11,183.0	Depth Out (ftKB) 20,173.0	Depth Drilled (ft) 8,990.00	Drilling Time (hr) 169.25

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) 82.5	Depth In (ftKB) 10,688.0	Depth Out (ftKB) 11,183.0	Depth Drilled (ft) 495.00	Drilling Time (hr) 6.00

Mud Checks

Density (lb/gal) 12.60	Funnel Viscosity (s/qt) 60	PV Calc (cP) 22.0	YP Calc (lb/100ft²) 13.000
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Survey Data

MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
19,348.00	11,081.660	92.75	344.80	8,777.058	1.627	8,350.268	-2,703.830
19,442.00	11,077.945	91.78	346.56	8,870.812	2.137	8,441.271	-2,727.060
19,535.00	11,075.161	91.65	344.54	8,963.612	2.176	8,531.284	-2,750.255

Costs

A/E Number DL11139	Daily Total (Cost) 67,742.29	Field Est To Date (Cost) 2,804,227.78	Total Field Estimate (Cost) 2,873,070.07
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UTL 0708A 0601H

Report Number: 20
Report End Date: 2023-06-20
Days From Spud (days): 16.4

Section 6	Township	Range	County WARD	State TEXAS	API # 42475385390000	Ground Elevation (ft) 2768	KB-Grd (ft) 21.50
Daily Operations							
Operations Summary Drill 6 1/8" lateral F/ 19,615' T/20,173', (558') @ 27 FPH					End Depth (ftKB) 20,173	Footage (ft) 558	
Time Log							
Start Time	End Time	Dur (hr)	Ops Code	Description			
06:00	06:30	0.50	RIGSRV	Service rig			
06:30	09:15	2.75	DRILL	Drill 6 1/8"Lateral F/19,615' T/19,630'			
09:15	11:00	1.75	REPR	Backed out joint above rotary, L/D 2 joints drill pipe, Install TIW & pump in sub and circulate while change out saver sub due to backing out while sliding			
11:00	04:45	17.75	DRILL	Drill 6 1/8"Lateral F/19,630' T/20,173' (543') @ 30 FPH Last 24 hours Total Footage: 558' in 20.5 hrs @ 27 FPH Rotate: 470' in 8.25 hrs @ 57 FPH Slide:73' in 12.25 hrs @ 6 FPH Last Survey MD 20099.00 INC 86.42 AZM 343.39 TVD 11103.90 VS 9522.45 DLS 1.71 N/S 9072.03 E/W -2904.64 Temp -9999 Above / Below 7B Left / Right 9L			
04:45	06:00	1.25	REPR	Rack back 1 stand, install TIW & pump in sub and circulate while change out saver sub due to backing out while sliding			
BHA #6, Lateral							
Size (in) 6.13		Model DD506		Make Baker	Serial Number 5338105	Nozzles (1/32") 12/12/12/12/12/12	
Avg ROP (ft/hr) 53.1		Depth In (ftKB) 11,183.0		Depth Out (ftKB) 20,173.0	Depth Drilled (ft) 8,990.00	Drilling Time (hr) 169.25	
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) 82.5		Depth In (ftKB) 10,688.0		Depth Out (ftKB) 11,183.0	Depth Drilled (ft) 495.00	Drilling Time (hr) 6.00	
Mud Checks							
Density (lb/gal) 12.40		Funnel Viscosity (s/qt) 56		PV Calc (cP) 24.0		YP Calc (lb/100ft²) 11.000	
Survey Data							
MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
20,006.00	11,096.904	84.84	343.22	9,433.610	0.633	8,983.812	-2,878.217
20,099.00	11,103.990	86.42	343.39	9,526.321	1.709	9,072.630	-2,904.855
20,173.00	11,108.611	86.42	343.39	9,600.162	0.000	9,143.404	-2,925.967
Costs							
AFE Number DL11139		Daily Total (Cost) 68,842.29		Field Est To Date (Cost) 2,873,070.07		Total Field Estimate (Cost) 2,873,070.07	



UTL 0708A 0601H

Report Number: 21
Report End Date: 2023-06-21
Days From Spud (days): 17.4

Section 6	Township	Range	County WARD	State TEXAS	API # 42475385390000	Ground Elevation (ft) 2768	KB-Grd (ft) 21.50
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Daily Operations

Operations Summary Drill 6 1/8" lateral F/ 20,173' T/20,706', (533) @ 56 FPH, Clean up cycle, Tooh F/ 20,706' T/3,647	End Depth (ftKB) 20,706	Footage (ft) 533
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Time Log

Start Time	End Time	Dur (hr)	Ops Code	Description
06:00	15:30	9.50	DRILL	Drill 6 1/8"Lateral F/20,173' T/20,706' (467') @ 49.2 FPH Last 24 hours Total Footage: 467' in 20.5 hrs @ 27 FPH Rotate: 452' in 7.5 hrs @ 60.3 FPH Slide: 15' in 2 hrs @ 7.5 FPH Last Survey MD 20,706' INC 83.56 AZM 341.72 TVD 11155.76 VS 10,127.04 DLS 0.00 N/S 9650.95 E/W -3,079.03 Temp N/A Above / Below 44B Left / Right 13L
15:30	20:30	5.00	CIRC	Perform clean up cycle rotating and reciprocating pipe at 75 RPM and 300 GPM. Circulate a total of (4) bottoms up racking back (1) stand at the end of each circulation F/ 20,706' T/ 20,342'
20:30	21:00	0.50	TOOH	SOOH F/ 20,342' T/ 19,872
21:00	21:30	0.50	CIRC	Flow check, Pump slug and drop drift
21:30	04:30	7.00	TOOH	SOOH F/ 19,872' T/ 4,491, 100 FPM From bottom to casing shoe, 150 FPM F/ shoe KOP, 175 FPM F/ KOP T/ 3,647' holding 750 psi on backside, hole slick and taking proper fill
04:30	05:30	1.00	TOOH	Pull rotating head, install trip nipple and flow check (No Flow)
05:30	06:00	0.50	RIGSRV	Service rig

BHA #6, Lateral

Size (in) 6.13	Model DD506	Make Baker	Serial Number 5338105	Nozzles (1/32") 12/12/12/12/12/12
Avg ROP (ft/hr) 53.3	Depth In (ftKB) 11,183.0	Depth Out (ftKB) 20,706.0	Depth Drilled (ft) 9,523.00	Drilling Time (hr) 178.75

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) 82.5	Depth In (ftKB) 10,688.0	Depth Out (ftKB) 11,183.0	Depth Drilled (ft) 495.00	Drilling Time (hr) 6.00

Mud Checks

Density (lb/gal) 12.45	Funnel Viscosity (s/qt) 55	PV Calc (cP) 24.0	YP Calc (lbf/100ft²) 12.000
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Survey Data

MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
20,568.00	11,140.751	84.09	342.24	9,993.682	2.387	9,521.181	-3,036.575
20,651.00	11,149.679	83.56	341.72	10,076.198	0.892	9,599.651	-3,062.102
20,706.00	11,155.848	83.56	341.72	10,130.849	0.000	9,651.546	-3,079.244

Costs

AFE Number DL11139	Daily Total (Cost) 115,483.97	Field Est To Date (Cost) 2,995,825.96	Total Field Estimate (Cost) 2,995,825.96
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UTL 0708A 0601H

Report Number: 22
Report End Date: 2023-06-22
Days From Spud (days): 18.4

Section 6	Township	Range	County WARD	State TEXAS	API # 42475385390000	Ground Elevation (ft) 2768	KB-Grd (ft) 21.50
Daily Operations							
Operations Summary TOOH F/ 3,647' T/ 100', Laydown BHA, Run 4.5" Production liner T/ 10,260', P/U liner hanger					End Depth (ftKB) 20,706	Footage (ft) 0	
Time Log							
Start Time	End Time	Dur (hr)	Ops Code	Description			
06:00	06:30	0.50	RIGSRV	Changeout iron roughneck hydraulic hose.			
06:30	09:30	3.00	TOOH	TOOH F/ 3,647 T/ 100' Hole taking proper fill			
09:30	10:30	1.00	PULDBHA	L/D Total Directional lateral BHA, Baker 506VTWH SN: 5338105 (Grade: 1-2-WT-S-X-0-WT-TD)			
10:30	11:00	0.50	RIGSRV	Clean rig floor, Service rig			
11:00	12:00	1.00	RURDCSG	PJSM, Rig up Maverick casing crew and torque turn			
12:00	18:30	6.50	REPR	Trouble shoot catwalk communication failure.Changed out high speed encoder card, low speed encoder card and encoder.			
18:30	05:00	10.50	CASE	Run in the hole w/ 4.5" 13.5# TXP BTC production casing F/0' - T/10,260' with no issues, proper displacement. Tenaris thread rep on site with Maverick torque turn. (Torqued to Optimum @ 7,200 psi per Tenaris) (1) Baker Wet Shoe Track - 28.43' (236) Liner Joints -10,060.10' (1) Air Lock Sub (9,000 psi) - 2.0' (4) Casing Joints - 170.43' (1) Baker Liner Hanger - 40.43' (1) Baker Liner Running Tool - 6.04' TOL - 10,395' OVERLAP - 773' ABOVE KOP - 145' Tenaris thread Rep called out @ 6:00 / Arrived @ 6:00 Baker liner hanger Rep. called out @ 6:00 / Arrived @ 6:00 Maverick casers called out @ 6:00 / Arrived @ 6:00			
05:00	05:30	0.50	RURDCSG	Rig down casing crew; Change out elevators and slips to 4"			
05:30	06:00	0.50	CASE	Pick up & prep liner hanger @ 10,260'			
BHA #6, Lateral							
Size (in) 6.13		Model DD506		Make Baker	Serial Number 5338105	Nozzles (1/32") 12/12/12/12/12/12	
Avg ROP (ft/hr) 53.3		Depth In (ftKB) 11,183.0		Depth Out (ftKB) 20,706.0	Depth Drilled (ft) 9,523.00	Drilling Time (hr) 178.75	
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) 82.5		Depth In (ftKB) 10,688.0		Depth Out (ftKB) 11,183.0	Depth Drilled (ft) 495.00	Drilling Time (hr) 6.00	
Mud Checks							
Density (lb/gal) 12.45		Funnel Viscosity (s/qt) 60		PV Calc (cP) 24.0		YP Calc (lb/100ft²) 14.000	
Survey Data							
MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
20,568.00	11,140.751	84.09	342.24	9,993.682	2.387	9,521.181	-3,036.575
20,651.00	11,149.679	83.56	341.72	10,076.198	0.892	9,599.651	-3,062.102
20,706.00	11,155.848	83.56	341.72	10,130.849	0.000	9,651.546	-3,079.244
Costs							
AFE Number DL11139		Daily Total (Cost) 66,429.74		Field Est To Date (Cost) 3,062,265.70		Total Field Estimate (Cost) 3,062,265.70	



UTL 0708A 0601H

Report Number: 23
Report End Date: 2023-06-23
Days From Spud (days): 19.4

Section 6	Township	Range	County WARD	State TEXAS	API # 42475385390000	Ground Elevation (ft) 2768	KB-Grd (ft) 21.50
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Daily Operations

Operations Summary Run 4.5" Production liner F/ 10,260' T/ 20,696', Burst and bleed ALS, Set liner hanger, Cement, Set packer, Circulate out excess cement & OBM, TOOH with liner running tool F/ 10,395' T/ 1,500'	End Depth (ftKB) 20,706	Footage (ft) 0
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Time Log

Start Time	End Time	Dur (hr)	Ops Code	Description
06:00	15:00	9.00	CASE	TIH liner with drill pipe F/10,260' T/ 20,696' @ 90 FPM as per Baker rep, Top filling pipe every 10 stds, Hole giving proper displacement
15:00	15:30	0.50	CASE	Pick up cement head and space out string 40K in tension -P/U 266K -S/O 155K -Spaced out @ 250K
15:30	16:30	1.00	CIRC	Fill pipe and burst air lock with Arsenal rep. Burst @ 2,396 psi. Displace casing with OBM ***Hookload dropped from 250K to 180K during burst and bleed procedure***
16:30	18:30	2.00	CIRC	Circulate 1.5x casing capacity
18:30	19:00	0.50	CIRC	Set hanger as follows: Drop 1st ball and pump down @ 5 bbl/min w/ 2,560 psi; Slow down to 3 bbl/min w/ 1,150 psi and seat ball @ 2,000 psi; Slack off 100k and set slips on hanger; Extrude ball seat @ 4,049 psi; Circulate 3 bbls/min @ 1,130 psi. ***Prior to dropping ball, it was established that liner running tool had released from hanger during burst and bleed procedure***
19:00	19:30	0.50	CIRC	Release from hanger as follows: Drop 2nd ball and pump down @ 5 bpm 2,500 psi; Slow down to 2 bbl/min w/ 830 psi and seat ball @ 1.250 psi; Stage up pressure and extrude ball seat @ 2,250 psi; Verify release from packer with P/U 210K S/O 175K; Circulate 5 bbls/min @ 2,500 psi; Set down 100k on packer and prepare for cement job
19:30	20:30	1.00	RURDCMT	PJSM with Unit rig crew, SLB cementers, Baker tool hand and CLR representative. Rig up and test cement lines T/ 8,000 psi Schlumberger call out @ 14:00 Arrived @ 14:00 Arsenal called out @ 11:00 Arrived @ 11:00
20:30	23:30	3.00	CMTP	Mix and pump production cement job as follows: -40 bbls 13.5 ppg MPE spacer -227 bbls 14.5 ppg tail cement (969 sacks, 1.32 Yield, Mix H2O @ 6.2 gal/sk) -2 bbls retarded spacer Drop plug and displace as follows: -18 bbls retarded spacer -135 bbls water with biocide and corrosion inhibitor - 20 bbls 13.5 ppg MPE spacer - 81 bbls 12.5 ppg OBM Total Displacement 254 Bbls Bumped plug @ 23:15 hrs; Final lift pressure 2,800 psi; Bump plug 450 psi over to 3,250 psi; Open wet shoe @ 4,660 psi and pump 3 bbls @ 2,600 psi; Full returns throughout entire job; Bleed back 1 bbl; Floats held ***55 bbls cement returned to surface***
23:30	00:30	1.00	CIRC	Set packer with Baker tool hand (verified packer set). Pressure up to 1,000 psi and sting out of packer. Circulate bottoms up with OBM. ***55 bbls cement returned to surface***
00:30	01:30	1.00	CIRC	Displace OBM with fresh water treated with biocide & corrosion inhibitor
01:30	02:00	0.50	CIRC	Perform negative liner top test, Good test
02:00	02:30	0.50	RURDCMT	Wash up lines; Rig down SLB cement iron & Baker cement head
02:30	06:00	3.50	TOOH	TOOH with liner running tool F/ 10,395' T/ 1,500'

BHA #6, Lateral

Size (in) 6.13	Model DD506	Make Baker	Serial Number 5338105	Nozzles (1/32") 12/12/12/12/12/12
Avg ROP (ft/hr) 53.3	Depth In (ftKB) 11,183.0	Depth Out (ftKB) 20,706.0	Depth Drilled (ft) 9,523.00	Drilling Time (hr) 178.75

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) 82.5	Depth In (ftKB) 10,688.0	Depth Out (ftKB) 11,183.0	Depth Drilled (ft) 495.00	Drilling Time (hr) 6.00

Mud Checks

Density (lb/gal) 12.40	Funnel Viscosity (s/qt) 60	PV Calc (cP) 23.0	YP Calc (lb/100ft²) 15.000
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Survey Data

MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
20,568.00	11,140.751	84.09	342.24	9,993.682	2.387	9,521.181	-3,036.575
20,651.00	11,149.679	83.56	341.72	10,076.198	0.892	9,599.651	-3,062.102
20,706.00	11,155.848	83.56	341.72	10,130.849	0.000	9,651.546	-3,079.244



UTL 0708A 0601H

Costs			
AFE Number DL11139	Daily Total (Cost) 452,851.05	Field Est To Date (Cost) 3,513,616.75	Total Field Estimate (Cost) 3,513,616.75



UTL 0708A 0601H

Report Number: 24
Report End Date: 2023-06-23
Days From Spud (days): 19.7

Section 6	Township	Range	County WARD	State TEXAS	API # 42475385390000	Ground Elevation (ft) 2768	KB-Grd (ft) 21.50
Daily Operations							
Operations Summary TOOH with liner running tool F/ 1,500' T/ 0', Install packoff and back pressure valve, Nipple down BOP, Install TA cap, Release rig to UTL 0708B 0602H						End Depth (ftKB) 20,706	Footage (ft) 0
Time Log							
Start Time	End Time	Dur (hr)	Ops Code	Description			
06:00	07:30	1.50	TOOH	TOOH with liner running tool F/ 1,500' T/ Liner running tool; Lay down liner running tool			
07:30	10:00	2.50	WHDOPS	PJSM with H&P rig crew, Cactus well head and CLR representative, Pull wear bushing, Run well head wash tool, Install 4 1/2" x 11" pack off and back pressure valve, Test seals to 5K for 10 min, Engage ring and pull test to 40k.			
10:00	12:00	2.00	NUNDBOP	Nipple down BOP, Mud line, Choke line and Flowline; Pull mousehole; Fold over catwalk v-door; Prepare for walk			
12:00	12:30	0.50	WHDOPS	Install TA cap ***Release rig to UTL 0708B 0602H @ 12:30 hrs on 6/23/23***			
BHA #6, Lateral							
Size (in) 6.13		Model DD506		Make Baker	Serial Number 5338105	Nozzles (1/32") 12/12/12/12/12/12	
Avg ROP (ft/hr) 53.3		Depth In (ftKB) 11,183.0		Depth Out (ftKB) 20,706.0	Depth Drilled (ft) 9,523.00	Drilling Time (hr) 178.75	
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) 82.5		Depth In (ftKB) 10,688.0		Depth Out (ftKB) 11,183.0	Depth Drilled (ft) 495.00	Drilling Time (hr) 6.00	
Mud Checks							
Survey Data							
MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
20,568.00	11,140.751	84.09	342.24	9,993.682	2.387	9,521.181	-3,036.575
20,651.00	11,149.679	83.56	341.72	10,076.198	0.892	9,599.651	-3,062.102
20,706.00	11,155.848	83.56	341.72	10,130.849	0.000	9,651.546	-3,079.244
Costs							
AFE Number DL11139		Daily Total (Cost) 42,109.13		Field Est To Date (Cost) 3,631,978.35		Total Field Estimate (Cost) 3,631,978.35	