



UTL 0708E 0605H

Report Number: 4
Report End Date: 2023-05-25
Days From Spud (days): 54.0

Section 6	Township	Range	County WARD	State TEXAS	API # 42475385430000	Ground Elevation (ft) 2765	KB-Grd (ft) 8.00
Daily Operations							
Operations Summary Rigging down Scan Vision and mobilize to the UTL 0708E 0605H. Estimated Spud 5-28-23 18:00hrs.					End Depth (ftKB) 1,070	Footage (ft) 0	
Time Log							
Start Time	End Time	Dur (hr)	Ops Code	Description			
06:00	20:00	14.00	RURDRIG	Rigging down Scan Vision on State Eiland 1118A 1101H. R/D and haul camps to new location, Haul drill pipe and misc to new location. Dock top drive. Power down rig equipment. Split back yard. Lower derrick. Derrick on the headache rack @ 14:15 hrs. Receive Catwalk, rig matting, and miscellaneous loads. Rig down subs, derrick and festoon. Rigged down - 75% Rig moved - 10% Rigged up - 0% Hauled 6 loads of rental pipe back to Workstrings Int. Sent Top Drive to Yard for repairs. Grant Smith Equipment: Old end: 2 Cranes, 1 Tandem, 1 Forklift. New end: 1 Cranes, 1 Forklift, 1 Tandem. Haul Trucks - 10 Daily Loads - 22 Total Loads - 22			
20:00	06:00	10.00	WOD	Wait on Daylight.			
BHA #1, Surface							
Size (in) 17 1/2		Model SPS616		Make Diamant		Serial Number	
Avg ROP (ft/hr) 89.1		Depth In (ftKB) 90.0		Depth Out (ftKB) 1,070.0		Depth Drilled (ft) 980.00	
						Nozzles (1/32") 11.00	
Mud Checks							
Survey Data							
MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
983.00	982.972	0.70	156.40	5.710	0.810	4.979	3.211
1,020.00	1,019.968	1.10	166.70	5.470	1.162	4.426	3.383
1,070.00	1,069.958	1.10	166.70	5.014	0.000	3.492	3.604
Costs							
AFE Number DL11143		Daily Total (Cost) 41,320.00		Field Est To Date (Cost) 437,916.55		Total Field Estimate (Cost) 437,916.55	



UTL 0708E 0605H

Report Number: 5
Report End Date: 2023-05-26
Days From Spud (days): 55.0

Section 6	Township	Range	County WARD	State TEXAS	API # 42475385430000	Ground Elevation (ft) 2765	KB-Grd (ft) 8.00
Daily Operations							
Operations Summary Rigging down Scan Vision and mobilize to the UTL 0708E 0605H. Estimated Spud 5-28-23 18:00hrs.					End Depth (ftKB) 1,070	Footage (ft) 0	
Time Log							
Start Time	End Time	Dur (hr)	Ops Code	Description			
06:00	07:00	1.00	WOD	Waiting on day light PJSM with Scan, Grant Smith, and CLR over rig mob operations.			
07:00	21:00	14.00	MOVE	Rigging down Scan Vision on State Eiland 1118A 1101H. R/D and haul Mud tanks, mud pumps, Hopper house,parts house, Vfd, generator package, water tanks, (2) fuel tanks, choke skid, shaker skid, acculator skid, subs, drawworks, doghouse, ODS dog house. Set Gen pack, pits and muds pumps. Rigged down - 100% Rig moved - 90% Rigged up - 25% Grant Smith Equipment: Old end: 2 Cranes, 1 Tandem, 1 Forklift. New end: 1 Cranes, 1 Forklift, 1 Tandem. Haul Trucks - 25 Daily Loads - 59 Total Loads - 81			
21:00	06:00	9.00	WOD	Waiting on daylight			
BHA #1, Surface							
Size (in) 17 1/2		Model SPS616		Make Diamant		Serial Number	
Avg ROP (ft/hr) 89.1		Depth In (ftKB) 90.0		Depth Out (ftKB) 1,070.0		Depth Drilled (ft) 980.00	
						Drilling Time (hr) 11.00	
Mud Checks							
Survey Data							
MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
983.00	982.972	0.70	156.40	5.710	0.810	4.979	3.211
1,020.00	1,019.968	1.10	166.70	5.470	1.162	4.426	3.383
1,070.00	1,069.958	1.10	166.70	5.014	0.000	3.492	3.604
Costs							
AFE Number DL11143		Daily Total (Cost) 41,322.50		Field Est To Date (Cost) 455,228.80		Total Field Estimate (Cost) 455,228.80	



UTL 0708E 0605H

Report Number: 6
Report End Date: 2023-05-27
Days From Spud (days): 56.0

Section 6	Township	Range	County WARD	State TEXAS	API # 42475385430000	Ground Elevation (ft) 2765	KB-Grd (ft) 8.00
Daily Operations							
Operations Summary Rigging up Scan Vision on the UTL 0708E 0605H. Estimated Spud 5-28-23 18:00hrs.					End Depth (ftKB) 1,070	Footage (ft) 0	
Time Log							
Start Time	End Time	Dur (hr)	Ops Code	Description			
06:00	07:00	1.00	WOD	Waiting on day light PJSM with Scan, Grant Smith, and CLR over rig mob operations & hydration.			
07:00	21:00	14.00	MOVE	Rigging up Scan Vision on the UTI 0708E 0605H. Rig up Shaker skid,Choke skid, halfround, premixs, bulk tanks and stands, Flowline and flowline skid, subs, place derrick in subs and pin together, sting out derrick. Build subs. Install Top drive, String up blocks, Plug in misc electrical lines and ground equipment. Replaced gear end in #3 mud pump. Rigged down - 100% Rig moved - 100% Rigged up - 50% Grant Smith Equipment: Old end: 1 Cranes, 1 Tandem, 1 Forklift. New end: 2 Cranes, 1 Forklift, 1 Tandem. Haul Trucks - 5 Daily Loads - 5 Total Loads - 86			
21:00	06:00	9.00	WOD	Waiting on daylight			
BHA #1, Surface							
Size (in) 17 1/2		Model SPS616		Make Diamant	Serial Number	Nozzles (1/32")	
Avg ROP (ft/hr) 89.1		Depth In (ftKB) 90.0		Depth Out (ftKB) 1,070.0	Depth Drilled (ft) 980.00	Drilling Time (hr) 11.00	
Mud Checks							
Survey Data							
MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
983.00	982.972	0.70	156.40	5.710	0.810	4.979	3.211
1,020.00	1,019.968	1.10	166.70	5.470	1.162	4.426	3.383
1,070.00	1,069.958	1.10	166.70	5.014	0.000	3.492	3.604
Costs							
AFE Number DL11143		Daily Total (Cost) 93,436.79		Field Est To Date (Cost) 548,665.59		Total Field Estimate (Cost) 548,665.59	



UTL 0708E 0605H

Report Number: 7
Report End Date: 2023-05-28
Days From Spud (days): 57.0

Section 6	Township	Range	County WARD	State TEXAS	API # 42475385430000	Ground Elevation (ft) 2765	KB-Grd (ft) 8.00
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Daily Operations

Operations Summary Rig Up Scan Vision on the UTL 0708E 0605H. Estimated Spud 5-28-23 18:00hrs. 100% Rig down 100% Moved 100% Set in 90% Rigged Up	End Depth (ftKB) 1,070	Footage (ft) 0
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Time Log

Start Time	End Time	Dur (hr)	Ops Code	Description
06:00	07:00	1.00	WOD	Waiting on day light PJSM with Scan, Grant Smith, and CLR over rig mob operations & hydration.
07:00	06:00	23.00	MOVE	Rig Up operations as follows - Install new kelly hose, new 19 pin cable, top drive, shim top drive, Finish installing the Apollo crown lights, dressing derrick, Rigging up third party equipment as follows Iron Horse flare line, KSW backyard equipment, Peak Polly lines, Pre mix tank, Half round cutting bin, Raise derrick @ 14:30. Crews broke tour at 15:00, Install V-door, Catwalk, set in rig vac, R/U top drive, run all electric for TDS, install service loop protective sock. Received 350 bbl's of 16# water base Kill mud. KLX tools and personnel on location @ 15:00 Received 700 joints of 4" XT-39 drill pipe, 80 joints of 4" XT-39 HWDP, from Western Work Strings. 100% Rig down 100% Moved 100% Set in 90% Rigged Up Grant Smith Equipment: New end: 1 Crane, 1 Forklift. Released Grant Smith Trucking @ 01:00 hrs.

BHA #1, Surface

Size (in) 17 1/2	Model SPS616	Make Diamant	Serial Number	Nozzles (1/32")
Avg ROP (ft/hr) 89.1	Depth In (ftKB) 90.0	Depth Out (ftKB) 1,070.0	Depth Drilled (ft) 980.00	Drilling Time (hr) 11.00

Mud Checks

Survey Data

MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
983.00	982.972	0.70	156.40	5.710	0.810	4.979	3.211
1,020.00	1,019.968	1.10	166.70	5.470	1.162	4.426	3.383
1,070.00	1,069.958	1.10	166.70	5.014	0.000	3.492	3.604

Costs

AFE Number DL11143	Daily Total (Cost) 40,802.00	Field Est To Date (Cost) 586,467.59	Total Field Estimate (Cost) 586,467.59
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UTL 0708E 0605H

Report Number: 8
Report End Date: 2023-05-29
Days From Spud (days): 58.0

Section 6	Township	Range	County WARD	State TEXAS	API # 42475385430000	Ground Elevation (ft) 2765	KB-Grd (ft) 8.00
Daily Operations							
Operations Summary Rig Up Scan Vision & all third party equip. Nipple Up BOP. Accept Rig on day work @ 22:30 hrs.					End Depth (ftKB) 1,070	Footage (ft) 0	
Time Log							
Start Time	End Time	Dur (hr)	Ops Code	Description			
06:00	22:30	16.50	RURDRIG	Rig Up operations as follows - Install electric lines to koomy, derrick and ODS, Install hoist lines, Slip & Cut drill line. Swap out drill line, Hook up Top Drive & run out top drive and mud pumps, Dress and organize rig floor, install pvc dump lines for centrifuge, sand trap and shaker cuttings discharge,dress out shakers. Install stand pipe lines, Rig up electrical to drillers cabin, Finish rigging up back yard. Accept Rig on Day Work @ 22:30 hrs. 4.68 Days from Rig Release.			
22:30	06:00	7.50	NUNDBOP	Held pjsm with rig crew, Cactus and Walker BOP Inspection. Nipple up BOP, rotating head bowl, Orbit valve, Flowline, MPD equipment, choke line and kill line. Install accumulator lines, Function test BOP.			
BHA #1, Surface							
Size (in) 17 1/2		Model SPS616		Make Diamant	Serial Number	Nozzles (1/32")	
Avg ROP (ft/hr) 89.1		Depth In (ftKB) 90.0		Depth Out (ftKB) 1,070.0	Depth Drilled (ft) 980.00	Drilling Time (hr) 11.00	
Mud Checks							
Survey Data							
MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
983.00	982.972	0.70	156.40	5.710	0.810	4.979	3.211
1,020.00	1,019.968	1.10	166.70	5.470	1.162	4.426	3.383
1,070.00	1,069.958	1.10	166.70	5.014	0.000	3.492	3.604
Costs							
AFE Number DL11143		Daily Total (Cost) 42,705.41		Field Est To Date (Cost) 629,173.00		Total Field Estimate (Cost) 629,173.00	



UTL 0708E 0605H

Report Number: 9
Report End Date: 2023-05-30
Days From Spud (days): 0.0

Section 6	Township	Range	County WARD	State TEXAS	API # 42475385430000	Ground Elevation (ft) 2765	KB-Grd (ft) 8.00
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Daily Operations

Operations Summary Nipple Up BOP & Test same. Test csg, Complete Pre Spud Inspection. Pick Up KLX BHA #2, P/U 18 6.5" DC, TIH. Drill shoe track & 10' new formation, FIT, Drill 8 3/4" Intermediate Section F/1,096 T/1,203' (107') @ 214 FPH.	End Depth (ftKB) 1,203	Footage (ft) 107
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Time Log

Start Time	End Time	Dur (hr)	Ops Code	Description
06:00	09:00	3.00	NUNDBOP	Held pjsm with rig crew, Cactus and Walker BOP Inspection. Nipple up BOP, rotating head bowl, Orbit valve, Flowline, MPD equipment, choke line and kill line. Install accumulator lines, Function test BOP. Install all Iron Horse MPD, had some issues making up lines.
09:00	20:00	11.00	BOPT	Held pjsm with rig crew and Walker BOP Inspection crew; discussed pressurized lines; rig up testing equipment; Install test plug; Test Shaffer type "U" 13-5/8" 10k bop, Perform Accumulator Function Test. P/U Test Joint. Open Casing Valve. Shut in well to perform casing test with 8.3# Fresh Water, Stage pumps up to 583 psi = test good. Test BOP's As Follows: - Blind Rams: 250 psi Low & 7500 psi High Upper Pipe Rams: 250 psi Low & 7500 psi High Lower Pipe Rams: 250 psi Low & 7500 psi High Annular: 250 psi Low & 3500 psi High All Floor Valves: 250 psi Low & 7500 psi High Choke Manifold & Kill Lines: 250 psi Low & 7500 psi.(Good Test) Attempt toTest IBOP, mud lines, back to MP's, TIW valve, bleed off & changed4" vavle on #2 Mud Pump & rebuiltTIW valve. Change o-ring in stand pipe. Change swivel packing, Test to 250 psi Low & 7500 psi High (Good Test) Attempt toTest Orbit Valve and MPD Lines, bleed off & tighten unions. Test to 1,000 psi (Good Test)
20:00	20:30	0.50	NUNDBOP	Install wear bushing
20:30	21:30	1.00	PULDBHA	Pre-job safety meeting with KLX; Scan rig crew; and CLR representative; Picking up KLX BHA #2 Conventional directional assembly consisting of 8 3/4" Reed TKC66-AZ6 SN:A300036 dressed with 6-16's (TFA= 1.178), New 7" KLX Seris (1.75", 7.5" KP 0.23 RPG, 6/7 Lobe, 6.5 Stg, 4.25 Btb, 8.25" nbs, 8" Shock Sub, 8" UBHO Bit to Sensor 78' Bit to Gamma 68', 8" NMDC, 8" NMDC, 7 3/4" XO Sub (119'), pick up MWD & make up bit. Function test blind rams. Test MWD (good test). Well static.
21:30	02:30	5.00	PULDBHA	P/U 18 - 6 1/2" DC's / 12 - 5" HWDP. Remove trip nipple, install rotating head.
02:30	03:30	1.00	DRILL	Wash down (Tag FC @ 1,042') Drill Float Collar @ 1,086'. Drill Weatherford float collar, shoe track & rat hole F/1,086' - T/1,096'. Following shoe track drilling procedure. 450 gpm's, 8-12 WOB, 20 rpm's, 6kft/lbs.
03:30	05:00	1.50	FIT	Circulate bottoms up w/ 9.9# BWM & Perform 12.5# EMW FIT. (148 psi) . Formation held 50 psi EMW 11.0#.
05:00	05:30	0.50	SURV	Trouble shoot MWD unable to get tool pulsing, increased GPM and tool began pulsing.
05:30	06:00	0.50	DRILL	Drill 8 3/4" Intermediate Section per Plan #4 F/1,096' T/1,203' (107') @ 214 FPH.

BHA #2, Intermediate 1 Vertical

Size (in) 8 3/4	Model TKC66	Make Reed	Serial Number A300036	Nozzles (1/32") 16/16/16/16/16/16
Avg ROP (ft/hr) 214.0	Depth In (ftKB) 1,096.0	Depth Out (ftKB) 1,203.0	Depth Drilled (ft) 107.00	Drilling Time (hr) 0.50

BHA #1, Surface

Size (in) 17 1/2	Model SPS616	Make Diamant	Serial Number	Nozzles (1/32")
Avg ROP (ft/hr) 89.1	Depth In (ftKB) 90.0	Depth Out (ftKB) 1,070.0	Depth Drilled (ft) 980.00	Drilling Time (hr) 11.00

Mud Checks

Density (lb/gal) 9.95	Funnel Viscosity (s/qt) 29	PV Calc (cP) 2.0	YP Calc (lbf/100ft²) 1.000
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Survey Data

MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
983.00	982.972	0.70	156.40	5.710	0.810	4.979	3.211
1,020.00	1,019.968	1.10	166.70	5.470	1.162	4.426	3.383
1,070.00	1,069.958	1.10	166.70	5.014	0.000	3.492	3.604

Costs

AFE Number DL11143	Daily Total (Cost) 75,617.74	Field Est To Date (Cost) 704,790.74	Total Field Estimate (Cost) 704,790.74
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UTL 0708E 0605H

Report Number: 10
Report End Date: 2023-05-31
Days From Spud (days): 1.0

Section 6	Township	Range	County WARD	State TEXAS	API # 42475385430000	Ground Elevation (ft) 2765	KB-Grd (ft) 8.00
Daily Operations							
Operations Summary Drill 8 3/4" Intermediate Section F/1,203' T/6,659' (5,456') @ 237.22 FPH.						End Depth (ftKB) 6,659	Footage (ft) 5,456
Time Log							
Start Time	End Time	Dur (hr)	Ops Code	Description			
06:00	17:30	11.50	DRILL	Drill 8 3/4" Intermediate Section per Plan #4 F/1,203' T/4,013' (2,810') @ 244.35 FPH.			
17:30	18:30	1.00	RIGSRV	Rig Service-Service Top Drive and components. C/O crown-o-matic air valve.			
18:30	06:00	11.50	DRILL	Drill 8 3/4" Intermediate Section per Plan #4 F/4,013' T/6,659' (2,646') @ 230.08 FPH. Note: At 4,500' attempt to pump through full open drilling choke but choke was obstructed. Continued drilling down flowline no issues. Called Iron Horse cleared obstruction back on full open choke at 6,574'. Last 24 hours: Total Footage: 5,456' @ 237.22 FPH over 23 hrs Rotated: 5,266' over 19.5 Hours @ 267.03 FPH (97%) Slide: 190' over 3.5 hrs @ 54.28 FPH (3.0%) MD: 6487 INC: 5.36 AZI: 258.93 TVD: 6469.28 VS: 39.91 N+/S-: 140.8 N E+/W-: 340.2 W DLS: 0.09 TEMP: 122° GAMMA: 37 Above / Below: 24 Above: Left / Right: 24 Right:			
BHA #2, Intermediate 1 Vertical							
Size (in) 8 3/4		Model TKC66		Make Reed	Serial Number A300036	Nozzles (1/32") 16/16/16/16/16/16	
Avg ROP (ft/hr) 236.7		Depth In (ftKB) 1,096.0		Depth Out (ftKB) 6,659.0	Depth Drilled (ft) 5,563.00	Drilling Time (hr) 23.50	
BHA #1, Surface							
Size (in) 17 1/2		Model SPS616		Make Diamant	Serial Number	Nozzles (1/32")	
Avg ROP (ft/hr) 89.1		Depth In (ftKB) 90.0		Depth Out (ftKB) 1,070.0	Depth Drilled (ft) 980.00	Drilling Time (hr) 11.00	
Mud Checks							
Density (lb/gal) 10.00		Funnel Viscosity (s/qt) 33		PV Calc (cP) 2.0		YP Calc (lb/100ft²) 1.000	
Survey Data							
MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
6,298.00	6,281.088	5.32	258.93	-41.707	0.274	-137.526	-322.570
6,392.00	6,374.673	5.45	258.93	-40.909	0.138	-139.220	-331.228
6,487.00	6,469.251	5.36	258.93	-40.099	0.095	-140.938	-340.010
Costs							
AFE Number DL11143		Daily Total (Cost) 55,314.72		Field Est To Date (Cost) 760,105.46		Total Field Estimate (Cost) 760,105.46	



UTL 0708E 0605H

Report Number: 11
Report End Date: 2023-06-01
Days From Spud (days): 2.0

Section 6	Township	Range	County WARD	State TEXAS	API # 42475385430000	Ground Elevation (ft) 2765	KB-Grd (ft) 8.00
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Daily Operations

Operations Summary Drill 8 3/4" Intermediate Section F/6,659' T/8,974' (2,315') @ 105.23 FPH, C/O rotating head & L/D 2 jts of washed DP	End Depth (ftKB) 8,974	Footage (ft) 2,315
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Time Log

Start Time	End Time	Dur (hr)	Ops Code	Description
06:00	14:30	8.50	DRILL	Drill 8 3/4" Intermediate Section per Plan #4 F/6,659' T/7,699' (1,040') @ 122.3 FPH.
14:30	16:00	1.50	CIRC	Changed out rotating head and lay down 2 washed joints of drill pipe. Found large piece of surface cement plug inside BOP.
16:00	17:30	1.50	DRILL	Drill 8 3/4" Intermediate Section per Plan #4 F/7,699' T/7,889' (190') @ 126.6 FPH.
17:30	18:00	0.50	RIGSRV	Rig Service-Service Top Drive and components.
18:00	06:00	12.00	DRILL	Drill 8 3/4" Intermediate Section per Plan #4 F/7,889' T/8.974' (1,085') @ 121.28 FPH. Holding 80-120 psi on drilling choke while drilling, trapping 250 psi on connections. Last 24 hours: Total Footage: 2,315' @ 105.23 FPH over 22 hrs Rotated: 2,183' over 18 Hours @ 121.28 FPH (96%) Slide: 132' over 4.0 hrs @ 33 FPH (6%) MD: 8852 INC: 2.77 AZI: 209.10 TVD: 8831.90 VS: -71.96 N+/S-: -178.39 E+/W-: -354.64 DLS: 0.93 TEMP: 132 GAMA: 27 Above / Below: 1 Below Left / Right: 8 Left

BHA #2, Intermediate 1 Vertical

Size (in) 8 3/4	Model TKC66	Make Reed	Serial Number A300036	Nozzles (1/32") 16/16/16/16/16/16
Avg ROP (ft/hr) 173.1	Depth In (ftKB) 1,096.0	Depth Out (ftKB) 8,974.0	Depth Drilled (ft) 7,878.00	Drilling Time (hr) 45.50

BHA #1, Surface

Size (in) 17 1/2	Model SPS616	Make Diamant	Serial Number	Nozzles (1/32")
Avg ROP (ft/hr) 89.1	Depth In (ftKB) 90.0	Depth Out (ftKB) 1,070.0	Depth Drilled (ft) 980.00	Drilling Time (hr) 11.00

Mud Checks

Density (lb/gal) 10.20	Funnel Viscosity (s/qt) 33	PV Calc (cP) 2.0	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)
8,283.00	8,263.106	1.89	118.83	-59.108	0.093	-166.054	-358.233
8,379.00	8,359.062	1.58	128.06	-61.304	0.434	-167.634	-355.804
8,474.00	8,454.030	1.41	131.84	-63.361	0.207	-169.221	-353.902

Costs

AFE Number DL11143	Daily Total (Cost) 699,647.70	Field Est To Date (Cost) 1,503,209.16	Total Field Estimate (Cost) 1,503,209.16
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UTL 0708E 0605H

Report Number: 12
Report End Date: 2023-06-02
Days From Spud (days): 3.0

Section 6	Township	Range	County WARD	State TEXAS	API # 42475385430000	Ground Elevation (ft) 2765	KB-Grd (ft) 8.00
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Daily Operations

Operations Summary Drill 8 3/4" Intermediate Section F/8,974' T/9,078' (104') @ 69.3 FPH, Cir 2x btms up, TOO H T/5,645', NPT drawwork brakes over heating, TOO H, C/O BHA, TIH, Drill 8 3/4" Intermediate Section F/9,078' T/9,544' (466') @ 93.2 FPH	End Depth (ftKB) 9,544	Footage (ft) 570
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Time Log

Start Time	End Time	Dur (hr)	Ops Code	Description
06:00	07:30	1.50	DRILL	Drill 8 3/4" Intermediate Section per Plan #4 F/8,974' T/9,078' (104') @ 69.3 FPH.
07:30	09:30	2.00	CIRC	Circulate 2X bottoms up @ 545 gpm, 90 RPM, Holding 180psi on MPD
09:30	11:30	2.00	TOOH	TOOH due to low ROP F/9,078' T/5,645', Holding 180psi on MPD, No Issues, Hole taking proper fill
11:30	13:30	2.00	REPR	NPT. Drawworks brakes over heating, Scan tech called out to repair. Found brakes was shimmed to much during rig move. Tech re-shimmed and re-calibrated brakes.
13:30	14:00	0.50	RIGSRV	Service rig and topdrive
14:00	17:30	3.50	TOOH	TOOH F/5,645' T/4,000', Holding 180psi on MPD, No Issues, Hole taking proper fill TOOH F/4,000' T/1,086' bullhead 60bbls of 16.0# kill mud, No Issues, check flow @ shoe (No Flow) TOOH F/1,086' T/BHA, No Issues, Fill calculated.
17:30	18:00	0.50	PULDBHA	Pre-job safety meeting with KLX; Scan rig crew; and CLR representative; L/D Bit #2, P/U Bit #3 Reed TKC76-G1, Inspect mud motor
18:00	19:00	1.00	TIH	TIH F/BHA T/1,484'.
19:00	19:30	0.50	TIH	Pull trip nipple, install rotating head.
19:30	23:00	3.50	TIH	TIH F/ 1,484' T/ 8,564'. Fill pipe every 30 stands.
23:00	23:30	0.50	PULDDS	P/U 15 joints 5" drillpipe while filling backside down kill line with SW 165 bbls to fill hole, fill pipe and induce returns.
23:30	00:30	1.00	CIRC	Fill pipe, induce flow, bullhead 126 bbls SW to regain full returns.
00:30	06:00	5.50	DRILL	Drill 8 3/4" Intermediate Section per Plan #4 F/9,078' T/9,544' (466') @ 93.2 FPH. Note: Total safety on location during first bottoms up no H2S present. Took last 500 strokes to reserve pit through panic line. Holding 80-120 psi on drilling choke while drilling, trapping 250 psi on connections. NPT: 30 minutes from 0030-0600 due to recycles. Last 24 hours: Total Footage: 570' @ 87.69 FPH over 6.5 hrs Rotated: 550' over 6.0 Hours @ 91.67 FPH (96%) Slide: 20' over .5 hrs @ 40 FPH (4%) MD: 9440 INC: 3.03 AZI: 273.26 TVD: 9419.59 VS: -65.45 N+/S-: -175.80 E+/W-: -369.01 DLS: 0.90 TEMP: 123 GAMA: 8 Above / Below: 6 Below Left / Right: 25 Left

BHA #3, Intermediate 2 Vertical

Size (in) 8 3/4	Model TKC76	Make Reed	Serial Number A298836	Nozzles (1/32") 15/15/15/15/15/15
Avg ROP (ft/hr) 93.2	Depth In (ftKB) 9,078.0	Depth Out (ftKB) 9,544.0	Depth Drilled (ft) 466.00	Drilling Time (hr) 5.00

BHA #2, Intermediate 1 Vertical

Size (in) 8 3/4	Model TKC66	Make Reed	Serial Number A300036	Nozzles (1/32") 16/16/16/16/16/16
Avg ROP (ft/hr) 169.8	Depth In (ftKB) 1,096.0	Depth Out (ftKB) 9,078.0	Depth Drilled (ft) 7,982.00	Drilling Time (hr) 47.00

Mud Checks

Density (lb/gal) 10.10	Funnel Viscosity (s/qt) 33	PV Calc (cP) 2.0	YP Calc (lb/100ft²) 2.000
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Survey Data

MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
9,251.00	9,230.746	2.02	299.89	-70.022	1.245	-178.195	-360.883
9,346.00	9,325.671	2.55	287.76	-67.632	0.752	-176.716	-364.347
9,440.00	9,419.560	3.03	273.26	-65.632	0.904	-175.937	-368.819



UTL 0708E 0605H

Costs			
AFE Number DL11143	Daily Total (Cost) 144,712.82	Field Est To Date (Cost) 1,647,921.98	Total Field Estimate (Cost) 1,647,921.98



UTL 0708E 0605H

Report Number: 13
Report End Date: 2023-06-03
Days From Spud (days): 4.0

Section 6	Township	Range	County WARD	State TEXAS	API # 42475385430000	Ground Elevation (ft) 2765	KB-Grd (ft) 8.00
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Daily Operations

Operations Summary Drill 8 3/4" Intermediate Section F/9,544' T/10,812' (1,268') @ 66.73 FPH, Motor stalled, SOOH F/ 10,812' T/ 4,000'.	End Depth (ftKB) 10,812	Footage (ft) 1,268
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Time Log

Start Time	End Time	Dur (hr)	Ops Code	Description
06:00	01:00	19.00	DRILL	Drill 8 3/4" Intermediate Section per Plan #4 F/9,544' T/10'812 (1,268') @ 66.74 FPH. Motor stalled off bottom pressure increased 600 psi, attempt to drill no success, decision made to trip out of hole for curve assembly. Holding 80-120 psi on drilling choke while drilling, trapping 250 psi on connections. Last 24 hours: Total Footage: 1,268' @ 66.74 FPH over 19 hrs Rotated: 1,201' over 15 Hours @ 80.1 FPH (95%) Slide: 67' over 4.0 hrs @ 16.75 FPH (5%) MD: 10669 INC: 0.31 AZI: 286.79 TVD: 10647.90 VS: -49.83 N+/S-: -159.24 E+/W-: -368.01 DLS: 0.84 TEMP: 141 GAMA: 36 Above / Below: 10 Above Left / Right: 24 Left
01:00	06:00	5.00	CIRC	Due to motor pressure, SOOH wet holding 180 psi F/ 10,812' T/ 4,000'. Pumping calculated fill, no issues. Note: Trip at reduced speed due to uncertainty of BHA

BHA #3, Intermediate 2 Vertical

Size (in) 8 3/4	Model TKC76	Make Reed	Serial Number A298836	Nozzles (1/32") 15/15/15/15/15/15/15
Avg ROP (ft/hr) 72.3	Depth In (ftKB) 9,078.0	Depth Out (ftKB) 10,812.0	Depth Drilled (ft) 1,734.00	Drilling Time (hr) 24.00

BHA #2, Intermediate 1 Vertical

Size (in) 8 3/4	Model TKC66	Make Reed	Serial Number A300036	Nozzles (1/32") 16/16/16/16/16/16
Avg ROP (ft/hr) 169.8	Depth In (ftKB) 1,096.0	Depth Out (ftKB) 9,078.0	Depth Drilled (ft) 7,982.00	Drilling Time (hr) 47.00

Mud Checks

Density (lb/gal) 10.10	Funnel Viscosity (s/qt) 33	PV Calc (cP) 2.0	YP Calc (lb/100ft²) 2.000
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Survey Data

MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
10,481.00	10,459.892	0.48	250.58	-51.057	1.063	-159.776	-365.462
10,575.00	10,553.883	1.10	284.60	-50.616	0.800	-159.679	-366.707
10,669.00	10,647.875	0.31	286.79	-50.014	0.841	-159.378	-367.824

Costs

AFE Number DL11143	Daily Total (Cost) 74,818.37	Field Est To Date (Cost) 1,722,740.35	Total Field Estimate (Cost) 1,722,740.35
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UTL 0708E 0605H

Report Number: 14
Report End Date: 2023-06-04
Days From Spud (days): 5.0

Section 6	Township	Range	County WARD	State TEXAS	API # 42475385430000	Ground Elevation (ft) 2765	KB-Grd (ft) 8.00
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Daily Operations

Operations Summary TOOH, L/D BHA, Wait on fishing tools, Bullhead 16.0# Kill Mud, M/U Fishing tools, TIH T/10,800'.	End Depth (ftKB) 10,812	Footage (ft) 0
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Time Log

Start Time	End Time	Dur (hr)	Ops Code	Description
06:00	09:00	3.00	TOOH	TOOH due to diff spikes F/4,000' T/1,086' bullhead 120bbls of 16.0# kill mud, No Issues, check flow @ shoe (No Flow) TOOH F/1,086' T/BHA, No Issues, Fill calculated.
09:00	10:00	1.00	PULDBHA	Pre-job safety meeting with KLX; Scan rig crew; and CLR representative Found 7.64' of bent housing section of mud motor 7.25" OD and Reed TKC76-G1 8 3/4" bit SR# A298836 1.00' left in hole (W/23.86' of rotor and rotor catch sticking out of bent housing section 4.747" OD) L/D BHA
10:00	15:00	5.00	WOE	Wait on Yellow Jacket fishing tools and tool hand Slip and cut drill line Clean out mud pump screens and watermelons
15:00	16:30	1.50	CIRC	Wellbore built up to 260 psi, bullhead 150bbls 16.0# kill mud
16:30	19:00	2.50	FISH	Strap and M/U fishing tools: 8 3/8" over-shot 3.55', 8 1/8" wash pipe 31.22', top sub 2.20', x/o 3.06', float sub 2.55', float sub 2.65, jars 31.71', 42 jts HWDP 1,277.03' = 1,353.97'
19:00	21:00	2.00	TIH	TIH F/1,353.97 T/3,994', Occasional tight spots 10 RPM to roll past ledge.
21:00	21:30	0.50	WOW	Wait on Thunderstom with large hail to pass.
21:30	22:00	0.50	REPR	Due to rain storm rig lost derrick lights. Found short in J-box. Run jumper wire to by-pass J-box.
22:00	06:00	8.00	TIH	TIH F/3,994' T/10,800', Occasional tight spots where slide were in the hole. Tight spots at 1,043', 4,315-4,325', 6,763'-6,809', 9,533'-9,575', 9,908'- P/U 350 S/O 200 R/W 260 MAX pull 450k 20-30 RPM 12-15K torque 200-400 GPM 595-1,280 psi.

BHA #4, Fishing

Size (in)	Model	Make	Serial Number	Nozzles (1/32")
Avg ROP (ft/hr)	Depth In (ftKB) 10,812.0	Depth Out (ftKB) 10,812.0	Depth Drilled (ft)	Drilling Time (hr)

BHA #3, Intermediate 2 Vertical

Size (in) 8 3/4	Model TKC76	Make Reed	Serial Number A298836	Nozzles (1/32") 15/15/15/15/15/15
Avg ROP (ft/hr) 72.3	Depth In (ftKB) 9,078.0	Depth Out (ftKB) 10,812.0	Depth Drilled (ft) 1,734.00	Drilling Time (hr) 24.00

Mud Checks

Density (lb/gal) 10.10	Funnel Viscosity (s/qt) 31	PV Calc (cP) 0.0	YP Calc (lb/100ft²) 0.000
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Survey Data

MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
10,481.00	10,459.892	0.48	250.58	-51.057	1.063	-159.776	-365.462
10,575.00	10,553.883	1.10	284.60	-50.616	0.800	-159.679	-366.707
10,669.00	10,647.875	0.31	286.79	-50.014	0.841	-159.378	-367.824

Costs

AFE Number DL11143	Daily Total (Cost) 88,235.47	Field Est To Date (Cost) 1,810,975.82	Total Field Estimate (Cost) 1,810,975.82
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UTL 0708E 0605H

Report Number: 15
Report End Date: 2023-06-05
Days From Spud (days): 6.0

Section 6	Township	Range	County WARD	State TEXAS	API # 42475385430000	Ground Elevation (ft) 2765	KB-Grd (ft) 8.00
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Daily Operations

Operations Summary Wash & latch on to fish, TOO H (work through several tight spots), L/D fishing tools and fish, P/U Curve BHA, TIH, drill Intermediate Section F/ 10,812' T/ 10,976'(164') @ 65.50 FPH (KOP), Drill 8 3/4" Curve Section F/ 10,976' T/ 10,996' (20') @ 40 FPH.	End Depth (ftKB) 10,996	Footage (ft) 184
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Time Log

Start Time	End Time	Dur (hr)	Ops Code	Description
06:00	07:00	1.00	FISH	Wash on top of fish @ 10,803' with 400 gpm @ 1200 psi Stack out string weight on to fish 4X, gain 350 psi (1550 psi @ 400 gpm)
07:00	15:30	8.50	TOOH	TOOH F/10,803' T/BHA, Calculated Fill Fill Calculated with 16.0# kill mud F/4,000' T/BHA' Tight spots @ 10,455', 10,357', 9,907', 9,567', 8,954' 6,786', 5,005', 4,548', 4,370', 3,522', 2,987', 2,885', 2,271', 1,405', 1,314'
15:30	16:00	0.50	FISH	L/D Fishing BHA and fish.
16:00	16:30	0.50	RIGSRV	Clean rig floor.
16:30	17:30	1.00	PULDBHA	Pre-job safety meeting with KLX; Scan rig crew; and CLR representative; pick up KLX BHA #4 conventional curve assembly consisting of 8 3/4" Ulterra U611 PDC bit; SN:65481 dressed with 6-16's (TFA 1.18); KLX New K-Series 6 3/4" 5/6 8.2; 2.25° FBH ; 0.43 rpg; 6.5 NBS mud motor; Float sub, UBHO (orient); 1- NMDC, load MWD. Function test blind rams. Well static.
17:30	18:00	0.50	TIH	TIH F/ BHA T/ 1,533'.
18:00	18:30	0.50	RIGSRV	Pull trip nipple, install rotating head. Fill pipe test MWD (Good Test).
18:30	23:30	5.00	TIH	TIH F/ 1,533' T/ 10,727'. Fill pipe every 30 stands. Fill backside with SW down kill line.
23:30	00:30	1.00	CIRC	Fill pipe, finish filling back side total of 548 bbls SW to regain returns. Re-log gamma.
00:30	01:00	0.50	REPS	C/O rotating head.
01:00	03:30	2.50	DRILL	Drill 8 3/4" Intermediate Section per Plan #4 F/10,812' T/10,976' (164') @ 65.60' FPH.
03:30	04:00	0.50	DRILL	Drill 8 3/4" Curve Section per Plan #4 F/10,976' T/10,996' (20') @ 40 FPH. Holding 80-120 psi on drilling choke while drilling, trapping 250 psi on connections. Last 24 hours: Total Footage: 184' @ 61.33 FPH over 3.0 hrs Rotated: 164' over 2.5 Hours @ 65.6 FPH (89%) Slide: 20' over 0.5 hrs @ 40 FPH (11%) MD: 10860 INC: 0.88 AZI: 193.63 TVD: 10838.90 VS: -50.28 N+/S-: -159.89 E+/W-: -368.65 DLS: 0.89 TEMP: 127 GAMA: 25 Slide Seen Slide Ahead: 31 Above / Below: 9 Above Left / Right: 24 Left
04:00	05:30	1.50	REPR	Lost rig power, re-start generators, re-boot PLC.
05:30	06:00	0.50	RIGSRV	Rig service, check mud pumps and TDS after rig blackout.

BHA #5, Curve

Size (in) 8 3/4	Model CF611	Make Ulterra	Serial Number 65481	Nozzles (1/32") 16/16/16/16/16/16
Avg ROP (ft/hr) 61.3	Depth In (ftKB) 10,812.0	Depth Out (ftKB) 10,996.0	Depth Drilled (ft) 184.00	Drilling Time (hr) 3.00

BHA #4, Fishing

Size (in)	Model	Make	Serial Number	Nozzles (1/32")
Avg ROP (ft/hr)	Depth In (ftKB) 10,812.0	Depth Out (ftKB) 10,812.0	Depth Drilled (ft)	Drilling Time (hr)

Mud Checks

Density (lb/gal) 10.10	Funnel Viscosity (s/qt) 31	PV Calc (cP) 2.0	YP Calc (lbf/100ft²) 2.000
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Survey Data

MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
10,669.00	10,647.875	0.31	286.79	-50.014	0.841	-159.378	-367.824
10,765.00	10,743.874	0.13	265.08	-49.851	0.203	-159.313	-368.181
10,860.00	10,838.870	0.88	193.63	-50.462	0.892	-160.031	-368.460

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



UTL 0708E 0605H

Costs			
AFE Number DL11143	Daily Total (Cost) 68,518.00	Field Est To Date (Cost) 1,879,493.82	Total Field Estimate (Cost) 1,879,493.82



UTL 0708E 0605H

Report Number: 16
Report End Date: 2023-06-06
Days From Spud (days): 7.0

Section 6	Township	Range	County WARD	State TEXAS	API # 42475385430000	Ground Elevation (ft) 2765	KB-Grd (ft) 8.00
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Daily Operations

Operations Summary Drill 8 3/4" Curve Section F/ 10,996' T/ 11,001' (5') @ 10 FPH, Work tight hole, Drill 8 3/4" Curve Section F/ 11,001' T/11,737' (736') @ 36.80 FPH, Wash out of curve F/ 11,737' T/ 11,500'.	End Depth (ftKB) 11,737	Footage (ft) 741
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Time Log

Start Time	End Time	Dur (hr)	Ops Code	Description
06:00	06:30	0.50	DRILL	Drill 8 3/4" Curve Section per Plan #4 F/10,996' T/11,001' (5') @ 10' FPH.
06:30	09:00	2.50	JARRING	Working tight hole W/28k torque after mud motor staled out on bottom
09:00	05:30	20.50	DRILL	Drill 8 3/4" Curve Section per Plan #4 F/11,001' T/11,737' (736') @ 35.90 FPH. ***Notified TRRC andUTL of intent to run 7" inter. & cement same 6-5-23 @ 0930 via email*** Holding 80-120 psi on drilling choke while drilling, trapping 250 psi on connections. Last 24 hours: Total Footage: 741' @ 35.29 FPH over 21.0 hrs Slide Footage: 734' @ 35.80 FPH over 20.5 Hours Rotate Footage: 7' @ 14.0 FPH over 0.5 Hours Note: Reduced flow rate @ 11,310' to improve BUR's MD: 11680 INC: 85.14 AZI: 344.54 TVD: 11459.47 VS: 341.66 N+/S-: 229.85 E+/W-: -432.14 DLS: 18.03 TEMP: 140 GAMA: 55 Slide Seen 65 Slide Ahead: 57 Above / Below: 27 Below Left / Right: 23 Right Projection To Bit MD: 11737 INC: 92.00 AZI: 343.00 TVD: 11460.89 To Landing Point Motor Yield: 18.00 DL Needed: 0.0 EOC Proj. 11737
05:30	06:00	0.50	WASH/REAM	Wash out of Curve F/11,725' T/11,500' * Holding 50-100 psi on Backside

BHA #5, Curve

Size (in) 8 3/4	Model CF611	Make Ulterra	Serial Number 65481	Nozzles (1/32") 16/16/16/16/16/16
Avg ROP (ft/hr) 38.5	Depth In (ftKB) 10,812.0	Depth Out (ftKB) 11,737.0	Depth Drilled (ft) 925.00	Drilling Time (hr) 24.00

BHA #4, Fishing

Size (in)	Model	Make	Serial Number	Nozzles (1/32")
Avg ROP (ft/hr)	Depth In (ftKB) 10,812.0	Depth Out (ftKB) 10,812.0	Depth Drilled (ft)	Drilling Time (hr)

Mud Checks

Density (lb/gal) 10.00	Funnel Viscosity (s/qt) 33	PV Calc (cP) 2.0	YP Calc (lbf/100ft²) 1.000
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Survey Data

MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
11,521.00	11,412.720	62.77	351.48	188.102	15.254	78.290	-403.374
11,615.00	11,447.529	73.71	347.17	274.843	12.390	163.902	-419.639
11,680.00	11,459.440	85.14	344.54	338.585	18.027	225.745	-435.253

Costs

AFE Number DL11143	Daily Total (Cost) 60,701.50	Field Est To Date (Cost) 1,937,800.63	Total Field Estimate (Cost) 1,937,800.63
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UTL 0708E 0605H

Report Number: 17
Report End Date: 2023-06-07
Days From Spud (days): 8.0

Section 6	Township	Range	County WARD	State TEXAS	API # 42475385430000	Ground Elevation (ft) 2765	KB-Grd (ft) 8.00		
Daily Operations									
Operations Summary Wash back to KOP, Cir sweeps, SOOH F/10,900' T/7,993', L/D DP, TOO H W/HWDP, L/D BHA, Install Cactus false bowl, R/U & Run 7" csg F/SURFACE T/4,700'					End Depth (ftKB) 11,737	Footage (ft) 0			
Time Log									
Start Time	End Time	Dur (hr)	Ops Code	Description					
06:00	07:00	1.00	WASH/REAM	Wash out of Curve F/11,500' T/10,900' @ 500 GPM *Holding 120-180 psi on Backside*					
07:00	09:30	2.50	CIRC	Circulate 2X Bottoms up, Pump 2x 40 bbl High Vis caliper sweeps, Spot 80 bbl Starch pill at KOP *Calculated 15% washout*					
09:30	11:00	1.50	TOOH	SOOH F/10,900' T/7,993', holding 180 psi on backside, No lssues					
11:00	16:30	5.50	PULDDS	Lay down DP F/7,993' T/1,367', @ 4,000' bullhead 120 bbl 16.0 ppg kill mud on the fly.					
16:30	17:30	1.00	TOOH	Trip out of hole F/1,367' T/BHA, calculated fill Flow Check @ 1,070' (No Flow)					
17:30	18:30	1.00	PULDBHA	L/D curve BHA, clean and clear rig floor					
18:30	19:30	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.					
19:30	20:00	0.50	RIGSRV	Rig service, replace hydraulic hose on pipe cat.					
20:00	21:00	1.00	RURDCSG	Pre-job safety meeting with Maverick casing crew, Scan rig crew and CLR representative.R/U Maverick casing crew and tq turn with Superior thread rep. Function blind rams, HCR valve and remote choke. Well static. Test run Cactus Landing Joint.					
21:00	22:00	1.00	RURDCSG	Trouble shoot torque turn equipment, c/o control box.					
22:00	06:00	8.00	CASE	Make up 2 jt shoe track and Run in the hole w/ 7" 29# P110 BTC intermediate casing F/118.97' - T/4,700', top filling casing and pumping through float equipment every 40 joints, Note: Make Up Shoe Track plus 1 Casing Joint Test Floats (Good Test). Thread lock entire shoe track. Tight spots: @ F/1,335' T/ 1,380', F/3,849' T/3,918' Superior Thread Rep on site with Maverick torque turn. (1) Summit Float Shoe - 1.60' (2) Casing Joints - 76.25' (1) Summit Float Collar - 1.35' (293) Casing Joints - 11,619.18' (1) Cactus Hanger - 1.5' (1) Landing Joint - 28.00' Shoe Depth - 11,727' Float Collar - 11,647'					
BHA #5, Curve									
Size (in) 8 3/4		Model CF611		Make Ulterra		Serial Number 65481		Nozzles (1/32") 16/16/16/16/16/16	
Avg ROP (ft/hr) 38.5		Depth In (ftKB) 10,812.0		Depth Out (ftKB) 11,737.0		Depth Drilled (ft) 925.00		Drilling Time (hr) 24.00	
BHA #4, Fishing									
Size (in)		Model		Make		Serial Number		Nozzles (1/32")	
Avg ROP (ft/hr)		Depth In (ftKB) 10,812.0		Depth Out (ftKB) 10,812.0		Depth Drilled (ft)		Drilling Time (hr)	
Mud Checks									
Density (lb/gal) 10.10		Funnel Viscosity (s/qt) 32		PV Calc (cP) 2.0		YP Calc (lbf/100ft²) 2.000			
Survey Data									
MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)		
11,521.00	11,412.720	62.77	351.48	188.102	15.254	78.290	-403.374		
11,615.00	11,447.529	73.71	347.17	274.843	12.390	163.902	-419.639		
11,680.00	11,459.440	85.14	344.54	338.585	18.027	225.745	-435.253		
Costs									
AFE Number DL11143		Daily Total (Cost) 105,395.59		Field Est To Date (Cost) 2,043,196.22		Total Field Estimate (Cost) 2,043,196.22			



UTL 0708E 0605H

Report Number: 18
Report End Date: 2023-06-08
Days From Spud (days): 9.0

Section 6	Township	Range	County WARD	State TEXAS	API # 42475385430000	Ground Elevation (ft) 2765	KB-Grd (ft) 8.00
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Daily Operations

Operations Summary Run 7" csg F/4,000' T/10,976', Wash csg F/10,996' T/11,727', R/D csg, Bullhead fresh brine to induce returns, CBU 1.5X Capacity, Cement 7" Casing, Pressure Test Casing For 14# EMW, Install Packoff and test, Test BOP for 4" DP. Install Wear Bushing-Swap TD/Floor to 4" Handling Tools. Cleaning Mud Tanks from Cement job to Testing of BOP for 4" **Cement Info** FCP - 1,143 PSI Plug Bump - 1,759 PSI 40 Gelled Spacer & 138 Cement returned to surface.	End Depth (ftKB) 11,737	Footage (ft) 0
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Time Log

Start Time	End Time	Dur (hr)	Ops Code	Description
06:00	13:00	7.00	CASE	Run in the hole w/ 7" 29# P110 BTC intermediate casing F/4,700' - T/10,996', top filling casing and pumping through float equipment every 40 joints, Superior Thread Rep on site with Maverick torque turn. (1) Summit Float Shoe - 1.60' (2) Casing Joints - 76.25' (1) Summit Float Collar - 1.35' (293) Casing Joints - 11,619.18' (1) Cactus Hanger - 1.5' (1) Landing Joint - 28.00' Shoe Depth - 11,727' Float Collar - 11,647'
13:00	15:00	2.00	CASE	Wash Though Curve F/ 10,996' T/ 11,727' @ 2 bbls/min, No Returns, pick up landing joint and land 7" casing @11,727', Cactus tech present
15:00	19:00	4.00	CIRC	Fill back side 30 bbls & R/U cement head, Bullhead 577 bbls W/10.1# brine to induce returns, Cir 1.5X csg cap @ 6 bbls/min (full returns)-Rig down Maverick casing tools -Hold PJSM with Scan rig crew, SLB cementers and CLR representative
19:00	23:30	4.50	CMTF	Test Lines to 3,000 PSI Begin pumping Cement Job as Follows: Pump 40 bbls Gel Spacer @ 8.33 PPG, Followed by 762 bbls of 11 PPG Lead Cement (1518 Sacks, 2.82 Yield, Mix H2O @ 16.81 Gal/SK), Followed by 44 bbls of 14.8 PPG Tail Cement (183 sks,1.33 Yield, Mix H2O @ 6.35 Gal/Sk) Followed by 409 bbls of 10.# BW FCP - 1,143 psi Bumped - 1,759 psi Floats held 2 BBLS bled back 100% Returns throughout Job. 40 Gelled Spacer and 138 Cement returned to surface. *Cleaning Mud Tanks While Cementing*
23:30	00:00	0.50	CTEST	Perform casing test with SLB and 10# Brine, Pressure up to 2,325 psi for EMW 14 ppg.(GOOD Test)
00:00	01:00	1.00	RURDCMT	Flush thru Stack, Superflow, Flowline, MPD Lines W/ Sugar Water & Rig Down SLB Cementers.
01:00	01:30	0.50	PULDBHA	P/U 4" Tools to Rig floor
01:30	02:30	1.00	WHDOPS	Back Out Landing Jt & L/D,R/D Maverick Csg. Bails and elevsators, Install 7" Pack Off, Test lower seals to 5,000 PSI (Good Test), Pull Test to 40K Over Block Wt (Good), Test Upper Seals to 10,000 PSI (Good) Ruptured disc at 12,500 psi.
02:30	05:00	2.50	BOPT	Held pjsm with rig crew and Allegiant Energy Services BOP Inspection crew; discussed pressurized lines; rig up testing equipment; Install test plug; Test Shaffer type "U" 13-5/8" 10k BOP, Upper Pipe Rams: 250 psi Low & 7500 psi High Lower Pipe Rams: 250 psi Low & 7500 psi High, Test TI and Dart Valves 250 psi Low & 7,500 psi High.
05:00	06:00	1.00	NUNDBOP	Break off Test Plug, M/U Wear Bushing Puller, Install wear bushing and L/D Joint

BHA #5, Curve

Size (in) 8 3/4	Model CF611	Make Ulterra	Serial Number 65481	Nozzles (1/32") 16/16/16/16/16/16
Avg ROP (ft/hr) 38.5	Depth In (ftKB) 10,812.0	Depth Out (ftKB) 11,737.0	Depth Drilled (ft) 925.00	Drilling Time (hr) 24.00

BHA #4, Fishing

Size (in)	Model	Make	Serial Number	Nozzles (1/32")
Avg ROP (ft/hr)	Depth In (ftKB) 10,812.0	Depth Out (ftKB) 10,812.0	Depth Drilled (ft)	Drilling Time (hr)

Mud Checks

Survey Data

MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
11,521.00	11,412.720	62.77	351.48	188.102	15.254	78.290	-403.374
11,615.00	11,447.529	73.71	347.17	274.843	12.390	163.902	-419.639
11,680.00	11,459.440	85.14	344.54	338.585	18.027	225.745	-435.253

Costs

AFE Number DL11143	Daily Total (Cost) 168,397.04	Field Est To Date (Cost) 2,235,128.26	Total Field Estimate (Cost) 2,235,128.26
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UTL 0708E 0605H

Report Number: 19
Report End Date: 2023-06-09
Days From Spud (days): 10.0

Section 6	Township	Range	County WARD	State TEXAS	API # 42475385430000	Ground Elevation (ft) 2765	KB-Grd (ft) 8.00
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Daily Operations

Operations Summary Dress out topdrive for 4" pipe, L/D 9 6.5" DC & move 3 std of 6.5" DC to other side of derrick, M/U Lateral BHA, TIH T/2,200', P/U 4" DP T/11,500', Slip & cut drill line, Drill Cement stringers & shoe track & 10' new formation, FIT for 14# EMW, Drill 6 1/8" Lateral Section F/11,747' T/11,852' (115') @ 76.7 FPH	End Depth (ftKB) 11,852	Footage (ft) 115
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Time Log

Start Time	End Time	Dur (hr)	Ops Code	Description
06:00	07:30	1.50	TIH	Dress out top drive for 4" pipe, C/O saver sub, die blocks and stabbing guide
07:30	08:00	0.50	RIGSRV	Service rig and topdrive
08:00	10:30	2.50	PULDBHA	Lay down 9 6.5" drill collars, move 3 stands of 6.5" drill collars to off driller side collar fingers, remove all 5" tools from rig floor
10:30	11:30	1.00	PULDBHA	Pre-job safety meeting with KLX; Scan rig crew; and CLR representative; pick up KLX BHA #6 conventional lateral assembly consisting of 6 1/8" Ulterra RPS613 PDC bit (TFA 0.78); Bico 7/8 6.1 0.51 rpg 1.75° FBH true slick MM; Float sub, UBHO; 2-NMDC. ****P/U Drill-N-Ream 1,111.64' back from bit. Agitator 3,025.38' back from bit and shock sub 5,907' back from bit.****
11:30	13:00	1.50	TIH	TIH F/BHA T/2,200', Hole displacing properly, No Issues
13:00	23:00	10.00	PULDDS	Pick up 4" drill pipe F/2,200' T/11,552', Hole displacing properly, No Issues
23:00	00:30	1.50	CUTDL	Slip and cut drill line
00:30	01:00	0.50	PULDDS	Remove Trip Nipple and Install Rotating Rubber.
01:00	03:30	2.50	WASH/REAM	Displace hole w/ 11.4# OBM,Drill Cement Stringers F/11,552' T/11,647', Drill Summit float collar, shoe track & rat hole F/11,647' - T/11,727' Plus 10' of new hole T/11,747'. Following Shoe Tract drilling procedure. 250 gpm, 8-15k wob, 20-40 rpms & tq 8k ft/lbs working back through FC and Shoe.
03:30	04:00	0.50	FIT	Circulate bottoms up to stabilize mud weight at 11.5# OBM In and Out. Perform 14.0# EMW Fit. With 1,491 psi applied (Test good).
04:00	04:30	0.50	RIGSRV	Rig Service-Service Mud Pumps and Change out Pop Pins to 7,000 psi
04:30	06:00	1.50	DRILL	Drill 6 1/8" Lateral Section per Plan #4 F/11,747' T/11,852' (115') @ 76.7 FPH. Last 24 hours: Total Footage: 115' @ 76.7 FPH Rotated: 103' over 1 Hours @ 103 FPH Slide: 12' over .5 hrs @ 24 FPH MD: 11,779 INC: 94.15 AZI: 342.87 TVD: 11,460.08 VS: 437.47 N+/S-: 321 N E+/W-: 461.82 W DLS: 8.85 TEMP: 122° GAMMA: 54 Above / Below: 18 Below: Left / Right: 27 Right:

BHA #6, Lateral

Size (in) 6.13	Model RPS613	Make Ulterra	Serial Number 67757	Nozzles (1/32") 13/13/13/13/13/13
Avg ROP (ft/hr) 76.7	Depth In (ftKB) 11,737.0	Depth Out (ftKB) 11,852.0	Depth Drilled (ft) 115.00	Drilling Time (hr) 1.50

BHA #5, Curve

Size (in) 8 3/4	Model CF611	Make Ulterra	Serial Number 65481	Nozzles (1/32") 16/16/16/16/16/16
Avg ROP (ft/hr) 38.5	Depth In (ftKB) 10,812.0	Depth Out (ftKB) 11,737.0	Depth Drilled (ft) 925.00	Drilling Time (hr) 24.00

Mud Checks

Density (lb/gal) 11.50	Funnel Viscosity (s/qt)	PV Calc (cP)	YP Calc (lb/100ft²)
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Survey Data

MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
11,680.00	11,459.440	85.14	344.54	338.585	18.027	225.745	-435.253
11,737.00	11,461.309	91.10	345.00	395.519	10.487	280.689	-450.211
11,779.00	11,459.386	94.15	342.87	437.468	8.854	321.000	-461.819

Costs

AFE Number DL11143	Daily Total (Cost) 152,523.15	Field Est To Date (Cost) 2,387,651.41	Total Field Estimate (Cost) 2,387,651.41
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UTL 0708E 0605H

Report Number: 20
Report End Date: 2023-06-10
Days From Spud (days): 11.0

Section 6	Township	Range	County WARD	State TEXAS	API # 42475385430000	Ground Elevation (ft) 2765	KB-Grd (ft) 8.00
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Daily Operations

Operations Summary Drill 6 1/8" Lateral Section F/11,852 T/13,940' (2,088') @ 90.8 FPH	End Depth (ftKB) 13,940	Footage (ft) 2,088
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Time Log

Start Time	End Time	Dur (hr)	Ops Code	Description
06:00	16:30	10.50	DRILL	Drill 6 1/8" Lateral Section per Plan #4 F/11,852' T/12,674' (822') @ 78.3 FPH.
16:30	17:00	0.50	RIGSRV	Rig Service-Service Top Drive and components.
17:00	04:30	11.50	DRILL	Drill 6 1/8" Lateral Section per Plan #4 F/12,674' T/13,902' (1,228') @ 106.8 FPH.
04:30	05:00	0.50	RIGSRV	Rig Service-Service Top Drive and components.
05:00	06:00	1.00	DRILL	Drill 6 1/8" Lateral Section per Plan #4 F/13,902' T/13,940' (38') @ 38 FPH. New target line: 89.5° INC/11393' TVD @ 0' VS (23+/-23-) Last 24 hours: Total Footage: 2,088' @ 90.8 FPH Rotated: 1,998' over 20 Hours @ 99.9 FPH Slide: 90 ' over 3 hrs @ 30 FPH MD: 13,844' INC: 91.08' AZI: 341.9' TVD: 11,424.16' VS: 2503.85' N+/S-: 2290.50' N E+/W-: -1089.17' W DLS: 1.65 TEMP: 186° GAMMA: 110 Above / Below: 9 Below: Left / Right: 30 Left:

BHA #6, Lateral

Size (in) 6.13	Model RPS613	Make Ulterra	Serial Number 67757	Nozzles (1/32") 13/13/13/13/13/13
Avg ROP (ft/hr) 89.9	Depth In (ftKB) 11,737.0	Depth Out (ftKB) 13,940.0	Depth Drilled (ft) 2,203.00	Drilling Time (hr) 24.50

BHA #5, Curve

Size (in) 8 3/4	Model CF611	Make Ulterra	Serial Number 65481	Nozzles (1/32") 16/16/16/16/16/16
Avg ROP (ft/hr) 38.5	Depth In (ftKB) 10,812.0	Depth Out (ftKB) 11,737.0	Depth Drilled (ft) 925.00	Drilling Time (hr) 24.00

Mud Checks

Density (lb/gal) 11.75	Funnel Viscosity (s/qt) 74	PV Calc (cP) 19.0	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)
13,654.00	11,425.830	91.56	342.96	2,310.933	1.821	2,106.521	-1,030.981
13,749.00	11,424.446	90.11	340.67	2,405.860	2.853	2,196.758	-1,060.623
13,844.00	11,423.459	91.08	341.90	2,500.765	1.649	2,286.727	-1,091.103

Costs

AFE Number DL11143	Daily Total (Cost) 107,326.47	Field Est To Date (Cost) 2,501,452.87	Total Field Estimate (Cost) 2,501,452.87
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UTL 0708E 0605H

Report Number: 21
Report End Date: 2023-06-11
Days From Spud (days): 12.0

Section 6	Township	Range	County WARD	State TEXAS	API # 42475385430000	Ground Elevation (ft) 2765	KB-Grd (ft) 8.00
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Daily Operations

Operations Summary Drill 6 1/8" Lateral Section F/13,940' T/16,300' (2,360') @ 102.6 FPH	End Depth (ftKB) 16,300	Footage (ft) 2,360
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Time Log

Start Time	End Time	Dur (hr)	Ops Code	Description
06:00	08:00	2.00	DRILL	Drill 6 1/8" Lateral Section per Plan #4 F/13,940' T/14,188' (248') @ 124 FPH. Target line: 88.75° INC 11,360' TVD 0' VS (+42'/-23')
08:00	08:30	0.50	RIGSRV	Rig Service-Service Top Drive and components.
08:30	04:30	20.00	DRILL	Drill 6 1/8" Lateral Section per Plan #4 F/14,188' T/16,188' (2,000') @ 100 FPH. Target line: 88.75° INC 11,360' TVD 0' VS (+42'/-23')
04:30	05:00	0.50	RIGSRV	Rig Service-Service Top Drive and components.
05:00	06:00	1.00	DRILL	Drill 6 1/8" Lateral Section per Plan #4 F/16,188' T/16,300' (112') @ 112 FPH. Target line: 88.75° INC 11,360' TVD 0' VS (+42'/-23') Last 24 hours: Total Footage: 2,360' @ 102.6 FPH Rotated: 2,205' over 23 Hours @ 95.9FPH Slide: 155' over 5.25 hrs @ 29.5 FPH MD: 16'130 INC: 91.69° AZI: 345.33° TVD: 11,455.74' VS: 4,780.74' N+/S-: 4,479.09' N E+/W-: -1,717.18' W DLS: 1.00° TEMP: 197° GAMMA: 111 Above / Below: 9 Below: Left / Right: 16 Left:

BHA #6, Lateral

Size (in) 6.13	Model RPS613	Make Ulterra	Serial Number 67757	Nozzles (1/32") 13/13/13/13/13/13
Avg ROP (ft/hr) 96.1	Depth In (ftKB) 11,737.0	Depth Out (ftKB) 16,300.0	Depth Drilled (ft) 4,563.00	Drilling Time (hr) 47.50

BHA #5, Curve

Size (in) 8 3/4	Model CF611	Make Ulterra	Serial Number 65481	Nozzles (1/32") 16/16/16/16/16/16
Avg ROP (ft/hr) 38.5	Depth In (ftKB) 10,812.0	Depth Out (ftKB) 11,737.0	Depth Drilled (ft) 925.00	Drilling Time (hr) 24.00

Mud Checks

Density (lb/gal) 12.20	Funnel Viscosity (s/qt) 75	PV Calc (cP) 18.0	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)
15,940.00	11,459.305	90.77	342.60	4,590.717	0.631	4,296.687	-1,663.922
16,035.00	11,457.556	91.34	344.45	4,685.695	2.037	4,387.767	-1,690.858
16,130.00	11,455.044	91.69	345.33	4,780.642	0.997	4,479.450	-1,715.613

Costs

AFE Number DL11143	Daily Total (Cost) 86,475.52	Field Est To Date (Cost) 2,587,928.39	Total Field Estimate (Cost) 2,587,928.39
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UTL 0708E 0605H

Report Number: 22
Report End Date: 2023-06-12
Days From Spud (days): 13.0

Section 6	Township	Range	County WARD	State TEXAS	API # 42475385430000	Ground Elevation (ft) 2765	KB-Grd (ft) 8.00
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Daily Operations

Operations Summary Drill 6 1/8" Lateral Section F/16,300' T/17,920' (1,620') @ 70.4 FPH	End Depth (ftKB) 17,920	Footage (ft) 1,620
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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 Section per Plan #4 F/16,300' T/17,056' (756') @ 79.6 FPH. Target line: 88.75° INC 11,360' TVD 0' VS (+42'/-23')
15:30	16:00	0.50	RIGSRV	Rig Service-Service Top Drive and components.
16:00	05:00	13.00	DRILL	Drill 6 1/8" Lateral Section per Plan #4 F/17,056' T/17,903' (847') @ 65.2 FPH. Target line: 88.75° INC 11,360' TVD 0' VS (+42'/-23')
05:00	05:30	0.50	RIGSRV	Rig Service-Service Top Drive and components.
05:30	06:00	0.50	DRILL	Drill 6 1/8" Lateral Section per Plan #4 F/17,903' T/17920' (17') @ 34 FPH. Target line: 88.75° INC 11,360' TVD 0' VS (+42'/-23') Last 24 hours: Total Footage: 1,620' @ 70.4 FPH Rotated: 1,431' over 13 Hours @ 110.1 FPH Slide: 189' over 10 hrs @ 18.9 FPH MD: 17,845 INC: 87.56° AZI: 339.79° TVD: 11,506.98' VS: 6,491.43' N+/S-: 6111.44' N E+/W-: 2,230.17' W DLS: 0.64° TEMP: 195° GAMMA: 104 Above / Below: 6 Below: Left / Right: 51 Left:

BHA #6, Lateral

Size (in) 6.13	Model RPS613	Make Ulterra	Serial Number 67757	Nozzles (1/32") 13/13/13/13/13/13
Avg ROP (ft/hr) 87.7	Depth In (ftKB) 11,737.0	Depth Out (ftKB) 17,920.0	Depth Drilled (ft) 6,183.00	Drilling Time (hr) 70.50

BHA #5, Curve

Size (in) 8 3/4	Model CF611	Make Ulterra	Serial Number 65481	Nozzles (1/32") 16/16/16/16/16/16
Avg ROP (ft/hr) 38.5	Depth In (ftKB) 10,812.0	Depth Out (ftKB) 11,737.0	Depth Drilled (ft) 925.00	Drilling Time (hr) 24.00

Mud Checks

Density (lb/gal) 12.20	Funnel Viscosity (s/qt) 70	PV Calc (cP) 21.0	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)
17,655.00	11,496.845	85.85	337.95	6,302.225	5.688	5,934.620	-2,160.683
17,750.00	11,502.272	87.60	339.18	6,396.678	2.250	6,022.900	-2,195.340
17,845.00	11,506.283	87.56	339.79	6,491.331	0.643	6,111.795	-2,228.604

Costs

AFE Number DL11143	Daily Total (Cost) 73,504.36	Field Est To Date (Cost) 2,661,432.75	Total Field Estimate (Cost) 2,661,432.75
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UTL 0708E 0605H

Report Number: 23
Report End Date: 2023-06-13
Days From Spud (days): 14.0

Section 6	Township	Range	County WARD	State TEXAS	API # 42475385430000	Ground Elevation (ft) 2765	KB-Grd (ft) 8.00
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Daily Operations

Operations Summary Drill 6 1/8" Lateral Section F/17,920' T/18,743' (823') @ 56.8 FPH, Trouble shoot & downlink MWD tool, CUC, POOH due to back-off.	End Depth (ftKB) 18,743	Footage (ft) 823
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Time Log

Start Time	End Time	Dur (hr)	Ops Code	Description
06:00	11:30	5.50	DRILL	Drill 6 1/8" Lateral Section per Plan #4 F/17,920' T/18,092' (172') @ 31.2 FPH. Target line: 88.75° INC 11,360' TVD 0' VS (+42'/-23')
11:30	12:00	0.50	CIRC	Trouble shoot and Downlink MWD
12:00	14:00	2.00	DRILL	Drill 6 1/8" Lateral Section per Plan #4 F/18,092' T/18,378' (286') @ 143 FPH. Target line: 88.75° INC 11,360' TVD 0' VS (+42'/-23')
14:00	14:30	0.50	CIRC	Trouble shoot and Downlink MWD
14:30	15:30	1.00	DRILL	Drill 6 1/8" Lateral Section per Plan #4 F/18,378' T/18,473' (95') @ 95 FPH. Target line: 89° INC 11,375' TVD 0' VS (+30'/-30')
15:30	16:00	0.50	RIGSRV	Rig Service-Service Top Drive and components.
16:00	17:00	1.00	DRILL	Drill 6 1/8" Lateral Section per Plan #4 F/18,473' T/18,568' (95') @ 95 FPH. Target line: 89° INC 11,375' TVD 0' VS (+30'/-30')
17:00	17:30	0.50	RIGSRV	Rig Service-Move Crown saver block at crown away from hoist line (Good Catch)
17:30	18:00	0.50	SURV	Troubleshoot and Downlink MWD tool.
18:00	19:00	1.00	DRILL	Drill 6 1/8" Lateral Section per Plan #4 F/18,568' T/18,672' (104') @ 104 FPH. Target line: 89° INC 11,375' TVD 0' VS (+30'/-30')
19:00	19:30	0.50	SURV	Troubleshoot and Downlink MWD to 1.0 Pulse Width.
19:30	22:30	3.00	DRILL	Drill 6 1/8" Lateral Section per Plan #4 F/18,672' T/18,728' (56') @ 18.6 FPH(2.5 Hrs of Slide Time for 20'). Target line: 89° INC 11,375' TVD 0' VS (+30'/-30')
22:30	00:30	2.00	CIRC	CUC 1.5X(Clean up Wellbore) 292 GPM, 75 Rot, PSI 5,800
00:30	01:30	1.00	DRILL	Drill 6 1/8" Lateral Section per Plan #4 F/18,728' T/18,743' (15') @ 15 FPH. Target line: 89° INC 11,375' TVD 0' VS (+30'/-30') Last 24 hours: Total Footage: 823' @ 56.8 FPH Rotated: 768' over 8.5 Hours @ 90.4 FPH Slide: 55' over 6 hrs @ 9.2 FPH MD: 18,606 INC: 93.89° AZI: 346.38° TVD: 11,484.16' VS: 7,251.28' N+/S-: 6,843.31' N E+/W-: -2,434.67' W DLS: 1.80° TEMP: 195° GAMMA: 68 Above / Below: 16' Above Left / Right: 43' Left:
01:30	02:00	0.50	JARRING	Backed out of Joint while sliding(String Wt to 146K), Kill Pumps, S/O to 138K, Turn Rotary slowly while slacking back off into Pipe(Torqued back up into Pipe 26.5K), Prep Rig Floor and Trip Tank for TOO, HPJSM with Scan Floormen.
02:00	06:00	4.00	TOOH	TOOH on elevators Due to back out down hole and ROP performance to pick up KLX BHA #7 Conventional Lateral assembly F/18,743' - T/15,721', Flow Checked at the shoe; Well static. *Back Ream out of hole F/18,743' T/17,623 @ 125 GPM, 30 RPM**

BHA #6, Lateral

Size (in) 6.13	Model RPS613	Make Ulterra	Serial Number 67757	Nozzles (1/32") 13/13/13/13/13
Avg ROP (ft/hr) 82.4	Depth In (ftKB) 11,737.0	Depth Out (ftKB) 18,743.0	Depth Drilled (ft) 7,006.00	Drilling Time (hr) 85.00

BHA #5, Curve

Size (in) 8 3/4	Model CF611	Make Ulterra	Serial Number 65481	Nozzles (1/32") 16/16/16/16/16/16
Avg ROP (ft/hr) 38.5	Depth In (ftKB) 10,812.0	Depth Out (ftKB) 11,737.0	Depth Drilled (ft) 925.00	Drilling Time (hr) 24.00

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



UTL 0708E 0605H

Mud Checks							
Density (lb/gal) 12.20	Funnel Viscosity (s/qt) 73		PV Calc (cP) 21.0			YP Calc (lbf/100ft²) 13.000	
Survey Data							
MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
18,416.00	11,493.228	92.66	344.98	7,061.532	0.740	6,660.005	-2,385.458
18,511.00	11,488.852	92.62	345.24	7,156.404	0.277	6,751.718	-2,409.844
18,606.00	11,483.458	93.89	346.38	7,251.185	1.795	6,843.667	-2,433.094
Costs							
AFE Number DL11143	Daily Total (Cost) 91,241.31		Field Est To Date (Cost) 2,752,674.06			Total Field Estimate (Cost) 2,752,674.06	



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Report Number: 24
Report End Date: 2023-06-14
Days From Spud (days): 15.0

Section 6	Township	Range	County WARD	State TEXAS	API # 42475385430000	Ground Elevation (ft) 2765	KB-Grd (ft) 8.00
Daily Operations							
Operations Summary TOOH, C/O BHA, TIH, W&R F/16,500' T/16,597'.					End Depth (ftKB) 18,743	Footage (ft) 0	
Time Log							
Start Time	End Time	Dur (hr)	Ops Code	Description			
06:00	14:00	8.00	TOOH	TOOH on elevators Due to back out down hole and ROP performance to pick up KLX BHA #7 Conventional Lateral assembly F/15,721' T/95" Flow Checked at the shoe; Well static. Hole taking proper fill, No Issues			
14:00	15:00	1.00	PULDBHA	Pre-job safety meeting with KLX Scan rig crew; and CLR representative; L/D KLX BHA #6 conventional lateral assembly consisting of 6 1/8" Ulterra RPS613 PDC bit; SN:67757 dressed with 6-13's (TFA 0.78); 5.25" BICO 7/8 6.1; 1.75° FBH; 0.51 rpg; Float sub, UBHO; 2-NMDC, NMPDC, (95.7). Function test blind rams. No visible signs of damage to motor. Motor drained well with no visual signs of damage. Bit grade: 1-2-CT-S-X-0-CT-DMF. Footage drilled 7,006' in 85 hrs at 82.4'/hr avg. Well static. Note: Lock down nut and UBHO sleeve washed. Change out both.			
15:00	16:00	1.00	PULDBHA	Pre-job safety meeting with KLX; Scan rig crew; and CLR representative; pick up KLX BHA #7 Conventional Lateral Assembly consisting of New 6 1/8" Ulterra RPS613 PDC bit; SN:67756 dressed with 6-12's (TFA 0.66); New 5.25" BICO 7/8 6.1; 1.75° FBH; 0.51 rpg; Float sub, UBHO; 2-NMDC, NMPDC, (95.7). Function test blind rams. New MWD. Test MWD (good test). Well static.			
16:00	16:30	0.50	PULDBHA	Change out saver sub.			
16:30	23:00	6.50	TIH	Trip in the hole on elevators with KLX BHA #7 conventional lateral assembly F/95' - T/11,639'. Hole giving proper displacement. P/U Drill-N-Ream reamer @ 1,119' behind bit. P/U DWS Power glide @ 3,049' behind bit. Check pressure drop before (2,500 psi) & after (2,930 psi). Pressure Drop of 430 psi. @ 300 gpm w/12.3 ppg mud wt. Pull trip nipple & install rotating head @ 11,639'. Filling pipe every 40 stds. Hole giving proper displacement.			
23:00	00:00	1.00	CUTDL	Slip and cut 61' of drilling line, while monitoring well on trip tank. Re-calibrate block height.			
00:00	03:00	3.00	TIH	Trip in hole on elevators with KLX BHA #7 Conventional Lateral Assembly F/11,639' T/16,500'. Filling pipe every 40 stands. Hole giving proper displacement. Wash & Ream F/15,477' T/15,490' F/16,043' T16,086'			
03:00	06:00	3.00	WASH/REAM	Wash & Ream F/16,500' - T/16,597' @ 300 GPM 30 RPM's due to continuous drag of over 30K. with no issues.			
BHA #6, Lateral							
Size (in) 6.13		Model RPS613		Make Ulterra		Serial Number 67757	
Nozzles (1/32") 13/13/13/13/13/13		Avg ROP (ft/hr) 82.4		Depth In (ftKB) 11,737.0		Depth Out (ftKB) 18,743.0	
Depth Drilled (ft) 7,006.00		Drilling Time (hr) 85.00					
BHA #5, Curve							
Size (in) 8 3/4		Model CF611		Make Ulterra		Serial Number 65481	
Nozzles (1/32") 16/16/16/16/16/16		Avg ROP (ft/hr) 38.5		Depth In (ftKB) 10,812.0		Depth Out (ftKB) 11,737.0	
Depth Drilled (ft) 925.00		Drilling Time (hr) 24.00					
Mud Checks							
Density (lb/gal) 12.20		Funnel Viscosity (s/qt) 72		PV Calc (cP) 21.0		YP Calc (lb/100ft²) 13.000	
Survey Data							
MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
18,416.00	11,493.228	92.66	344.98	7,061.532	0.740	6,660.005	-2,385.458
18,511.00	11,488.852	92.62	345.24	7,156.404	0.277	6,751.718	-2,409.844
18,606.00	11,483.458	93.89	346.38	7,251.185	1.795	6,843.667	-2,433.094
Costs							
AFE Number DL11143		Daily Total (Cost) 105,491.94		Field Est To Date (Cost) 2,858,166.00		Total Field Estimate (Cost) 2,858,166.00	



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Report Number: 25
Report End Date: 2023-06-15
Days From Spud (days): 16.0

Section 6	Township	Range	County WARD	State TEXAS	API # 42475385430000	Ground Elevation (ft) 2765	KB-Grd (ft) 8.00
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Daily Operations

Operations Summary W&R F/16,597' T/18,743. Drill 6 1/8" Lateral Section F/18,743' T/19,349' (606') @ 39.1 FPH.	End Depth (ftKB) 19,349	Footage (ft) 606
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Time Log

Start Time	End Time	Dur (hr)	Ops Code	Description
06:00	11:00	5.00	WASH/REAM	Wash & Ream F/16,597' - T/18,557' @ 282 GPM 30 RPM's due to continuous drag of over 30K. with no issues. Relogging gamma on last 2 stands due to poor gamma quality on last run.
11:00	11:30	0.50	RIGSRV	Rig Service-Laydown Bad Joint.
11:30	13:30	2.00	WASH/REAM	Wash & Ream F/18,557' - T/18,743' @ 282 GPM 30 RPM's due to continuous drag of over 30K. with no issues. Relogging gamma on last 2 stands due to poor gamma quality on last run.
13:30	22:00	8.50	DRILL	Drill 6 1/8" Lateral Section per Plan #4 F/18,743' T/18,938' (195') @ 22.9 FPH. Target line: 89° INC 11,375' TVD 0' VS (+30'/-30')
22:00	22:30	0.50	SURV	Troubleshoot MWD- Recycle Pumps numerous times, Change settings on MWD to increase pulse amplitude
22:30	03:00	4.50	DRILL	Drill 6 1/8" Lateral Section per Plan #4 F/18,938' T/19,329' (391') @ 86.9 FPH. Target line: 89° INC 11,375' TVD 0' VS (+30'/-30')
03:00	03:30	0.50	RIGSRV	Rig Service-Service Top Drive and components, record SPR's.
03:30	06:00	2.50	DRILL	Drill 6 1/8" Lateral Section per Plan #4 F/19,329' T/19,349' (20') @ 8 FPH. Target line: 89° INC 11,375' TVD 0' VS (+30'/-30') Last 24 hours: Total Footage: 606' @ 39.1 FPH over 15.5 hrs Rotated: 551' over 9.5 Hours @ 58 FPH (90%) Slide: 57' over 6 hrs @ 9.5 FPH (10%) SVY : 19,262' TVD: 11,499.39' INC: 85.10° AZM: 349.28° N 7485.28' W -2565.09' DLS: 1.04° VS: 7,904.09' Gamma: 87 Mud : 12.3 Temp: 192° Above: 12' Right: 11'

BHA #7, Lateral

Size (in) 6.13	Model RPS613	Make Ulterra	Serial Number 67756	Nozzles (1/32") 12/12/12/12/12/12
Avg ROP (ft/hr) 39.1	Depth In (ftKB) 18,743.0	Depth Out (ftKB) 19,349.0	Depth Drilled (ft) 606.00	Drilling Time (hr) 15.50

BHA #6, Lateral

Size (in) 6.13	Model RPS613	Make Ulterra	Serial Number 67757	Nozzles (1/32") 13/13/13/13/13/13
Avg ROP (ft/hr) 82.4	Depth In (ftKB) 11,737.0	Depth Out (ftKB) 18,743.0	Depth Drilled (ft) 7,006.00	Drilling Time (hr) 85.00

Mud Checks

Density (lb/gal) 12.10	Funnel Viscosity (s/qt) 89	PV Calc (cP) 22.0	YP Calc (lbf/100ft²) 15.000
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Survey Data

MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
19,072.00	11,485.160	86.42	348.40	7,715.329	2.363	7,299.514	-2,527.846
19,167.00	11,491.382	86.07	349.46	7,809.735	1.173	7,392.544	-2,546.048
19,262.00	11,498.695	85.10	349.28	7,903.995	1.038	7,485.636	-2,563.520

Costs

AFE Number DL11143	Daily Total (Cost) 74,637.50	Field Est To Date (Cost) 2,932,803.50	Total Field Estimate (Cost) 2,932,803.50
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UTL 0708E 0605H

Report Number: 26
Report End Date: 2023-06-16
Days From Spud (days): 17.0

Section 6	Township	Range	County WARD	State TEXAS	API # 42475385430000	Ground Elevation (ft) 2765	KB-Grd (ft) 8.00
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Daily Operations

Operations Summary Drill 6 1/8" Lateral Section F/19,349' T/19,922' (573') @ 25.5 FPH.	End Depth (ftKB) 19,922	Footage (ft) 573
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Time Log

Start Time	End Time	Dur (hr)	Ops Code	Description
06:00	12:30	6.50	DRILL	Drill 6 1/8" Lateral Section per Plan #4 F/19,349' T/19,416' (678') @ 10.3 FPH. Target line: 89° INC 11,375' TVD 0' VS (+30'/-30')
12:30	13:00	0.50	RIGSRV	Rig Service-Service Rig & Top Drive components. Record SPR's.
13:00	14:00	1.00	DRILL	Drill 6 1/8" Lateral Section per Plan #4 F/19,416' T/19,509' (93') @ 93 FPH. Target line: 89° INC 11,375' TVD 0' VS (+30'/-30')
14:00	14:30	0.50	SURV	Directional work. Recycling pumps to obtain survey data
14:30	03:30	13.00	DRILL	Drill 6 1/8" Lateral Section per Plan #4 F/19,509' T/19,892' (383') @ 29.7 FPH. Target line: 89° INC 11,375' TVD 0' VS (+30'/-30')
03:30	04:00	0.50	RIGSRV	Rig Service-Service Rig & Top Drive components. Record SPR's.
04:00	06:00	2.00	DRILL	Drill 6 1/8" Lateral Section per Plan #4 F/19,892' T/19,922' (30') @ 15 FPH. Target line: 89° INC 11,375' TVD 0' VS (+30'/-30') Last 24 hours: Total Footage: 573' @ 25.5 FPH over 22.5 hrs Rotated: 478' over 8.25 Hours @ 57.9 FPH (83%) Slide: 95' over 14.25 hrs @ 6.7 FPH (17%) SVY : 19,838' TVD: 11,540.66' INC: 87.3° AZM: 342.60° N 8034.12' W -2723.41' DLS: 0.37° VS: 8,475.31' Gamma: 99 Mud : 12.3 Temp: 195° Below: 18' Right: 13'

BHA #7, Lateral

Size (in) 6.13	Model RPS613	Make Ulterra	Serial Number 67756	Nozzles (1/32") 12/12/12/12/12/12
Avg ROP (ft/hr) 31.0	Depth In (ftKB) 18,743.0	Depth Out (ftKB) 19,922.0	Depth Drilled (ft) 1,179.00	Drilling Time (hr) 38.00

BHA #6, Lateral

Size (in) 6.13	Model RPS613	Make Ulterra	Serial Number 67757	Nozzles (1/32") 13/13/13/13/13/13
Avg ROP (ft/hr) 82.4	Depth In (ftKB) 11,737.0	Depth Out (ftKB) 18,743.0	Depth Drilled (ft) 7,006.00	Drilling Time (hr) 85.00

Mud Checks

Density (lb/gal) 12.40	Funnel Viscosity (s/qt) 71	PV Calc (cP) 20.0	YP Calc (lb/100ft²) 12.000
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Survey Data

MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
19,644.00	11,528.275	84.75	342.34	8,284.632	2.028	7,852.680	-2,664.502
19,739.00	11,535.149	86.95	342.52	8,379.352	2.323	7,943.005	-2,693.103
19,835.00	11,539.964	87.30	342.60	8,475.211	0.374	8,034.476	-2,721.838

Costs

AFE Number DL11143	Daily Total (Cost) 118,042.48	Field Est To Date (Cost) 3,134,240.98	Total Field Estimate (Cost) 3,134,240.98
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UTL 0708E 0605H

Report Number: 27
Report End Date: 2023-06-17
Days From Spud (days): 18.0

Section 6	Township	Range	County WARD	State TEXAS	API # 42475385430000	Ground Elevation (ft) 2765	KB-Grd (ft) 8.00
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Daily Operations

Operations Summary Drill 6 1/8" Lateral Section F/19,922' T/20,400' (478') @ 20.8 FPH.	End Depth (ftKB) 20,400	Footage (ft) 478
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Time Log

Start Time	End Time	Dur (hr)	Ops Code	Description
06:00	17:30	11.50	DRILL	Drill 6 1/8" Lateral Section per Plan #4 F/19,922' T/20,213' (291') @ 25.3 FPH. Target line: 89° INC 11,375' TVD 0' VS (+30'/-30')
17:30	18:00	0.50	RIGSRV	Rig Service-Service Rig & Top Drive components. Record SPR's.
18:00	05:30	11.50	DRILL	Drill 6 1/8" Lateral Section per Plan #4 F/20,213' T/20,400' (187') @ 16.3 FPH. Target line: 89° INC 11,375' TVD 0' VS (+30'/-30') Last 24 hours: Total Footage: 478' @ 23 FPH over 20.8 hrs Rotated: 395' over 2.25 Hours @ 175.6 FPH (81%) Slide: 83' over 20.75 hrs @ 4 FPH (19%) SVY : 20,311' TVD: 11,551' INC: 91.43° AZM: 341.37° N 8,480.93' W -2,886.67' DLS: 2.92° VS: 8,949.96' Gamma: 89 Mud : 12.3 Temp: 195° Below: 23' Left: 18'
05:30	06:00	0.50	RIGSRV	Rig Service-Service Rig & Top Drive components. Record SPR's.

BHA #7, Lateral

Size (in) 6.13	Model RPS613	Make Ulterra	Serial Number 67756	Nozzles (1/32") 12/12/12/12/12/12
Avg ROP (ft/hr) 27.2	Depth In (ftKB) 18,743.0	Depth Out (ftKB) 20,400.0	Depth Drilled (ft) 1,657.00	Drilling Time (hr) 61.00

BHA #6, Lateral

Size (in) 6.13	Model RPS613	Make Ulterra	Serial Number 67757	Nozzles (1/32") 13/13/13/13/13/13
Avg ROP (ft/hr) 82.4	Depth In (ftKB) 11,737.0	Depth Out (ftKB) 18,743.0	Depth Drilled (ft) 7,006.00	Drilling Time (hr) 85.00

Mud Checks

Density (lb/gal) 12.30	Funnel Viscosity (s/qt) 70	PV Calc (cP) 20.0	YP Calc (lb/100ft²) 14.000
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Survey Data

MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
20,120.00	11,548.461	87.03	338.56	8,759.441	1.935	8,302.336	-2,818.574
20,216.00	11,551.258	89.63	339.26	8,855.051	2.805	8,391.859	-2,853.099
20,311.00	11,550.379	91.43	341.37	8,949.868	2.919	8,481.294	-2,885.096

Costs

AFE Number DL11143	Daily Total (Cost) 76,654.60	Field Est To Date (Cost) 3,211,543.58	Total Field Estimate (Cost) 3,211,543.58
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UTL 0708E 0605H

Report Number: 28
Report End Date: 2023-06-18
Days From Spud (days): 19.0

Section 6	Township	Range	County WARD	State TEXAS	API # 42475385430000	Ground Elevation (ft) 2765	KB-Grd (ft) 8.00
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Daily Operations

Operations Summary Drill 6 1/8" Lateral Section F/20,400' T/20,974' (574') @ 25 FPH.	End Depth (ftKB) 20,974	Footage (ft) 574
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Time Log

Start Time	End Time	Dur (hr)	Ops Code	Description
06:00	14:30	8.50	DRILL	Drill 6 1/8" Lateral Section per Plan #4 F/20,400' T/20,558' (158') @ 22.6 FPH. Target line: 89° INC 11,375' TVD 0' VS (+30'/-30')
14:30	15:00	0.50	SURV	Troublershoot MWD- Recycle for survey data.
15:00	16:00	1.00	DRILL	Drill 6 1/8" Lateral Section per Plan #4 F/20,558' T/20,664' (106') @ 106 FPH. Target line: 89° INC 11,375' TVD 0' VS (+30'/-30')
16:00	16:30	0.50	RIGSRV	Rig Service-Service Rig & Top Drive components. Record SPR's.
16:30	06:00	13.50	DRILL	Drill 6 1/8" Lateral Section per Plan #4 F/20,664' T/20,974' (310') @ 23 FPH. Target line: 89° INC 11,375' TVD 0' VS (+30'/-30') Last 24 hours: Total Footage: 574' @ 25 FPH over 23 hrs Rotated: 486' over 8.75 Hours @ 55.5 FPH (85%) Slide: 88' over 14.25 hrs @ 6.2 FPH (15%) SVY : 20,882' TVD: 11,517.31' INC: 93.71° AZM: 343.39° N 9,023.92' W -3,059.16' DLS: 2.02° VS: 9,519.53' Gamma: 71 Mud : 12.4 Temp: 197° Above: 23' Left: 32'

BHA #7, Lateral

Size (in) 6.13	Model RPS613	Make Ulterra	Serial Number 67756	Nozzles (1/32") 12/12/12/12/12/12
Avg ROP (ft/hr) 26.6	Depth In (ftKB) 18,743.0	Depth Out (ftKB) 20,974.0	Depth Drilled (ft) 2,231.00	Drilling Time (hr) 84.00

BHA #6, Lateral

Size (in) 6.13	Model RPS613	Make Ulterra	Serial Number 67757	Nozzles (1/32") 13/13/13/13/13/13
Avg ROP (ft/hr) 82.4	Depth In (ftKB) 11,737.0	Depth Out (ftKB) 18,743.0	Depth Drilled (ft) 7,006.00	Drilling Time (hr) 85.00

Mud Checks

Density (lb/gal) 12.40	Funnel Viscosity (s/qt) 68	PV Calc (cP) 21.0	YP Calc (lbf/100ft²) 14.000
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Survey Data

MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
20,692.00	11,533.092	94.99	342.52	9,330.175	0.850	8,843.279	-3,002.245
20,787.00	11,524.325	95.60	343.04	9,424.756	0.842	8,933.633	-3,030.249
20,882.00	11,516.615	93.71	343.39	9,519.434	2.023	9,024.281	-3,057.591

Costs

AFE Number DL11143	Daily Total (Cost) 101,563.60	Field Est To Date (Cost) 3,313,107.18	Total Field Estimate (Cost) 3,313,107.18
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UTL 0708E 0605H

Report Number: 29
Report End Date: 2023-06-19
Days From Spud (days): 20.0

Section 6	Township	Range	County WARD	State TEXAS	API # 42475385430000	Ground Elevation (ft) 2765	KB-Grd (ft) 8.00
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Daily Operations

Operations Summary Drill 6 1/8" Lateral Section F/20,974' T/21,456' (482') @ 21 FPH.	End Depth (ftKB) 21,456	Footage (ft) 482
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Time Log

Start Time	End Time	Dur (hr)	Ops Code	Description
06:00	17:30	11.50	DRILL	Drill 6 1/8" Lateral Section per Plan #4 F/20,974' T/21,225' (251') @ 21.8 FPH. Target line: 89° INC 11,375' TVD 0' VS (+30'/-30')
17:30	18:00	0.50	RIGSRV	Rig Service-Service Rig & Top Drive components. Record SPR's.
18:00	05:00	11.00	DRILL	Drill 6 1/8" Lateral Section per Plan #4 F/21,225' T/21,416' (191') @ 17.4 FPH. Target line: 89° INC 11,375' TVD 0' VS (+30'/-30')
05:00	05:30	0.50	RIGSRV	Rig Service-Service Rig & Top Drive components. Record SPR's.
05:30	06:30	1.00	DRILL	Drill 6 1/8" Lateral Section per Plan #4 F/21,416' T/21,456' (40') @ 80 FPH. Target line: 89° INC 11,375' TVD 0' VS (+30'/-30') **Notified TRRC of intent to run production casing and cement via email on 6-18-23 @ 22:15 hrs** Last 24 hours: Total Footage: 482' @ 21 FPH over 23 hrs Rotated: 423' over 7.25 Hours @ 58.3 FPH (88%) Slide: 59' over 15.75 hrs @ 3.7 FPH (12%) SVY : 21,358' TVD: 11,520.19' INC: 86.37° AZM: 346.65° N 9,484.07' W -3,179.86' DLS: 4.21° VS: 9,995.06' Gamma: 55 Mud : 12.4 Temp: 197° Above: 28' Left: 19'

BHA #7, Lateral

Size (in) 6.13	Model RPS613	Make Ulterra	Serial Number 67756	Nozzles (1/32") 12/12/12/12/12/12
Avg ROP (ft/hr) 28.0	Depth In (ftKB) 18,743.0	Depth Out (ftKB) 21,904.0	Depth Drilled (ft) 3,161.00	Drilling Time (hr) 113.00

BHA #6, Lateral

Size (in) 6.13	Model RPS613	Make Ulterra	Serial Number 67757	Nozzles (1/32") 13/13/13/13/13/13
Avg ROP (ft/hr) 82.4	Depth In (ftKB) 11,737.0	Depth Out (ftKB) 18,743.0	Depth Drilled (ft) 7,006.00	Drilling Time (hr) 85.00

Mud Checks

Density (lb/gal) 12.40	Funnel Viscosity (s/qt) 67	PV Calc (cP) 20.0	YP Calc (lbf/100ft²) 14.000
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Survey Data

MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
21,263.00	11,516.787	90.37	346.82	9,900.157	4.533	9,392.018	-3,156.506
21,358.00	11,519.630	86.20	346.65	9,994.964	4.393	9,484.421	-3,178.289
21,454.00	11,527.755	84.09	345.33	10,090.538	2.590	9,577.225	-3,201.443

Costs

AFE Number DL11143	Daily Total (Cost) 117,260.32	Field Est To Date (Cost) 3,430,719.25	Total Field Estimate (Cost) 3,565,542.73
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UTL 0708E 0605H

Report Number: 30
Report End Date: 2023-06-20
Days From Spud (days): 21.0

Section 6	Township	Range	County WARD	State TEXAS	API # 42475385430000	Ground Elevation (ft) 2765	KB-Grd (ft) 8.00
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Daily Operations

Operations Summary Drill 6 1/8" Lateral Section F/21,456' T/21,904' TD (448') @ 68.9 FPH, CUC, NPT-LER House,TOOH T/14,045'.	End Depth (ftKB) 21,904	Footage (ft) 448
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Time Log

Start Time	End Time	Dur (hr)	Ops Code	Description
06:00	06:30	0.50	RIGSRV	Rig Service-Service Rig & Top Drive components. Record SPR's.
06:30	07:00	0.50	REPS	NPT - Cumulative time for Recycle MWD.
07:00	13:00	6.00	DRILL	Drill 6 1/8" Lateral Section per Plan #4 F/21,456' T/21,904' TD (448') @ 74.7 FPH. Target line: 89° INC 11,375' TVD 0' VS (+30'/-30') **TD UTL 0708E 0605H @ 13:30 HRS ON 6-19-23; 20.35 DAYS FROM SPUD** Last 24 hours: Total Footage: 448' @ 74.7 FPH over 6 hrs Rotated: 448' over 6 Hours @ 74.7 FPH (100%) Projection SVY : 21,904' TVD: 11,611' INC: 76.13° AZM: 342.60° N 10,000.95' W -3,326.86' DLS: 1.86° VS: 10,532.43' Gamma: 96 Mud : 12.4 Temp: 201° Below: 40' Left: 14'
13:00	13:30	0.50	CIRC	Recycle pumps & take final survey. Perform clean up cycle as follows. Reciprocating drill string with 80 rpm, 310 gpm.
13:30	15:30	2.00	CIRC	Rig Service - Rack back 1 stand DP. Install pump in sub & slow circulate while C/O Swivel packing. No gains, No losses.
15:30	20:00	4.50	CIRC	Perform clean up cycle as follows. Reciprocating drill string with 80 rpm, 297 gpm. Rack (1) stand back. Shut in well and check pressure. 170 psi shut in casing pressure. Continue to circulate clean up cycle while reciprocating drill string. Racked back a total of 4 stands F/21,904' TD T/21,542' during circulation at each bottoms up. Shakers clean. Spot 90BBL 5#/bbl bead & lube pill at 21,542', Flow Check(Well Static) 1st B/U 13.9.1k Tq, 75% cuttings on shakers 6,700 psi 2nd B/U 13.9k Tq, 65% cuttings on shakers 6,550 psi 3rd B/U 13.5k Tq, 50% cuttings on shakers 6,300 psi 4th B/U 12.8k Tq, 20% cuttings on shakers 6,250 psi
20:00	01:30	5.50	REPR	Troubleshoot LER House(Top Doh house VFD) Cooling system. Temperature in LER house exceeded 140 degrees, Troubleshoot issue, Issues with cooling system resolved, Troubleshoot Alarm resets and PLC issues, C/O Barrier card in LER PLC cabinet.
01:30	06:00	4.50	TOOH	Trip out of hole on elevators racking back stands to run 4.5" Production liner F/20,494' T/14,045'. Pumped slug @ 20,494'. Hole taking correct fluid. Drop steel rabbit {1 - 7/8" O.D.} and 120' wire tail down drill string prior to running liner. Spot 2nd 90BBL 5#/bbl bead & lube pill at 20,492' & pump slug. *Back Ream out of hole F/21,542' T/21,158' @ 235 GPM, 40 RPM due to continuous drag of over 30K. with no issues.**

BHA #7, Lateral

Size (in) 6.13	Model RPS613	Make Ulterra	Serial Number 67756	Nozzles (1/32") 12/12/12/12/12/12
Avg ROP (ft/hr) 28.0	Depth In (ftKB) 18,743.0	Depth Out (ftKB) 21,904.0	Depth Drilled (ft) 3,161.00	Drilling Time (hr) 113.00

BHA #6, Lateral

Size (in) 6.13	Model RPS613	Make Ulterra	Serial Number 67757	Nozzles (1/32") 13/13/13/13/13/13
Avg ROP (ft/hr) 82.4	Depth In (ftKB) 11,737.0	Depth Out (ftKB) 18,743.0	Depth Drilled (ft) 7,006.00	Drilling Time (hr) 85.00

Mud Checks

Density (lb/gal) 12.30	Funnel Viscosity (s/qt) 66	PV Calc (cP) 23.0	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)
21,740.00	11,573.215	78.07	343.04	10,372.716	1.644	9,848.851	-3,277.931
21,847.00	11,597.102	76.13	342.60	10,476.997	1.857	9,948.492	-3,308.735
21,904.00	11,610.766	76.13	342.60	10,532.324	0.000	10,001.298	-3,325.284



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Costs			
AFE Number DL11143	Daily Total (Cost) 66,780.58	Field Est To Date (Cost) 3,497,499.83	Total Field Estimate (Cost) 3,565,542.73



UTL 0708E 0605H

Report Number: 31
Report End Date: 2023-06-21
Days From Spud (days): 22.0

Section 6	Township	Range	County WARD	State TEXAS	API # 42475385430000	Ground Elevation (ft) 2765	KB-Grd (ft) 8.00
Daily Operations							
Operations Summary L/D Drill Pipe & BHA. Test BOP. MIRU 4 Star Casing Crew. Run 4 1/2" Production Liner T/xx'.						End Depth (ftKB) 21,904	Footage (ft) 0
Time Log							
Start Time	End Time	Dur (hr)	Ops Code	Description			
06:00	08:30	2.50	TOOH	Trip out of hole on elevators racking back stands to run 4.5" Production liner F/14,045' T/10,210'. Hole taking correct fluid. Drop steel rabbit {1 - 7/8" O.D.} and 120' wire tail down drill string prior to running liner.			
08:30	18:30	10.00	PULDDS	Trip out of hole on elevators laying down drill pipe to run 4.5" Production liner F/10,210' -T/95'. Hole taking correct fluid. L/D PowerGlide, Shock Sub & Drill-N-Ream. Record PU/SO @ Shoe (P/U-220K S/O-120K Rot-190K)			
18:30	20:00	1.50	PULDBHA	Pre-job safety meeting with KLX Scan rig crew; and CLR representative; L/D KLX BHA #7 conventional lateral assembly consisting of 6 1/8" Ulterra RPS613 PDC bit; SN:67756 dressed with 6-12's (TFA 0.66); New 5.25" BICO 7/8 6.1; 1.75° FBH; 0.51 rpg; Float sub, UBHO; 2- NMDC, NMPDC, (95.7). Function test blind rams. Motor drained well with no visual signs of damage. Bit grade: 2-2-WT-A-X-1-CT-TD. Footage drilled 3,161' in 113 hrs at 28'/hr avg. Well static.			
20:00	20:30	0.50	WHDOPS	Pull wear bushing, Clear rig floor.			
20:30	23:30	3.00	BOPT	Held pjsm with rig crew and Walker Inspection Services testing crew; discussed pressurized lines; rig up testing equipment; Install test plug; Test Shaffer type "U" 13-5/8" 10k bop, Perform Accumulator Function Test. P/U Test Joint. Open Casing Valve. Test BOP's As Follows: Blind Rams: 250 psi Low & 7500 psi High Upper Pipe Rams: 250 psi Low & 7500 psi High Annular: 250 psi Low & 3500 psi High All Floor Valves: 250 psi Low & 7500 psi High Lower Pipe Rams: 250 psi Low & 7500 psi High Choke Manifold & Kill Lines: 250 psi Low & 7500 psi. MPD / Orbit: 250 psi Low& 1000 psi High Good Test.			
23:30	00:30	1.00	RURDCSG	Hold PJSM with 4 Star casing crew & torque turn, Scan rig crew & CLR rep. MIRU casing crew and tq turn with Tenaris thread rep. Well static. Function blind rams, HCR valve and remote choke.			
00:30	01:00	0.50	CASE	P/U 1 joint of 4.5" casing, Test torque turn torque dump - Good test, P/U Baker Wet Shoe assembly, Fill with fresh water and test floats - Good test. Thread lock and make up wet shoe to first joint of casing.			
01:00	11:00	10.00	CASE	Run Casing 244/244 joints of 5-1/2" 20# P110ICY Wedge 441 production casing - 16,000 kft/lbs (optimum) F/28' - T/11,464', Monitoring displacement on mud tanks, Averaging 1,150'/hr with no issues, proper displacement, Tenaris thread rep on site for 4-1/2" casing with 4 Star torque turn. 1 - Citadel shoe (2.42') 1 - Citadel Float Collar (4.24) 1 - 4 1/2" TXP-BTC pup (9.90) 1 - Landing collar/ wet shoe (4.33') 1 - 4 1/2" TXP-BTC pup (9.85') 240 - Jnts 4.5" 13.5# P110-ICY, TXP-BTC (10,184.53') 1 - Arsenal flotation sub 8,000 psi (1.96') 8,800psi 4 - Jnts 4.5" 13.5# P110-ICY, TXP-BTC (170.87') 1 - Baker liner hanger (48.30') 63- 4.5" HWDP (1,952.01') 246 - 4.5" Delta DP (7,766.66') Tops Shoe 21,896.6' Wet Shoe Sub 21,880.5' Airlock Sub 11,684.2' Liner Hanger 11,497.2' Liner Top Packer 11,493.9' PBR Extension 11,472.8' Total Overlap - 233.11'			
11:00	12:00	1.00	RURDCSG	PUMU Baker liner hanger & run in hole, Rig down casing crew. Record PU/SO @ Shoe (P/U-220K S/O-120K Rot-190K)			
12:00	21:00	9.00	TIH	TIH with Baker liner hanger F/10,405' - T/21,899, Filling on the fly and topping off every 15 stands. Had 100% returns & proper displacement while tripping in drill pipe. Pull trip nipple/install rotating head @ 14,644'.			
21:00	21:30	0.50	CIRC	Pick up to 340K (50K over neutral weight), Fill pipe and burst ALS @ 2,604 psi, Slack off to hanger setting depth (21,899').			
21:30	22:30	1.00	CIRC	Continue to fill casing void with 155 bbls (bleed air with 2").			
22:30	23:30	1.00	CIRC	Circulate 1.5 X casing capacity staging mud pumps up. (267 bbls @ 5.5 BPM 4,471 psi). Max bottoms up gas 631 units, no flare.			
23:30	00:00	0.50	CIRC	Pick up cement head, Drop ball and pump 89 bbls to set slips on hanger, Seat ball w/1,910 psi, Pressure up to 4,442 psi until pressure drop.			
00:00	00:30	0.50	CIRC	Drop 2nd ball, Pump 79 bbls to seat ball, Seat ball with 1,905 psi, Pressure up to 2,375 psi until pressure drop, Verify hanger set and pipe free with P/U-220K S/O-53K			
00:30	01:00	0.50	RURDCMT	PJSM w/ SLB cementers, Scan rig crew and CLR representatives; Rig up and test cementing lines.			



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01:00	04:30	3.50	CMTF	Pressure test lines T/7,500 psi. Mix & pump production cement as follows: Pump 60 bbls of 13.5 ppg MUDPUSH express 237 bbls 14.5 ppg tail cement (1010 sks,1.32 yield, H2O 6.22 gal/sk) 2 bbls 8.4 ppg Gelled Retarder Drop plug and displaced follows: Pump18 bbls of 8.4 ppg Gelled Retarder 135 bbls 8.3 ppg fresh water w/ biocide & corrosion inhibitor 20 bbls 13.5 ppg MUDPUSH express 110 bbls 12.4 ppg OBM **Bumped plug @ 19:58 hrs w/3,400 psi FCP @ 2800 PSI, Held 500 psi over final lift for 5 min. @ 116 bbl displacement pumped, dart passed through tool with 4,860 psi Open type 3 wet shoe @ 4,711 psi, Pump 3 bbls. Check floats/bleed back 2 bbls, floats holding. Ful returns throughout entire job. **40 BBLS MudPush & 56 bbls cement back to surface, lost 214 bbls OBM during casing & cement job**											
04:30	05:00	0.50	CASE	Set Packoff as follows: Pick up to free point @ 255K, Set down to 200K make mark, Slack off to 130K (13' total). P/U to 220K, S/O 200K, Confirm packer set with Baker hand and P/U 240K . Pressure up to 1,200 psi and sting out of Packer and hanger until we see pressure drop from 1,557 PSI to 1,337 PSI. Stage pump up to 100 Strokes. Released and stung out of packer-Verified by Baker and CLR reps.											
05:00	07:30	2.50	CIRC	Circulate out cement and spacer with 247 OBM. Circulate OBM out of wellbore with 456 bbls fresh water w/ biocide & corrosion inhibitor using SLB. 56 bbls cement to surface.											
07:30	08:00	0.50	RURDCMT	L/D cement head. Well static.											
08:00	13:00	5.00	PULDDS	Trip out of Hole on elevators racking back stands with liner running tool F/11,464' -T/567' filling backside with fresh water w/ biocide & corrosion inhibitor. While Cleaning Mud tanks.											
13:00	15:00	2.00	TOOH	Trip out of Hole laying down F/567' -T/0' filling backside with fresh water w/ biocide & corrosion inhibitor.											
15:00	16:00	1.00	RURDCSG	PJSM, Lay down Baker liner running tool.											
16:00	17:30	1.50	WHDOPS	PJSM W/ Cactus, Rig crew and CLR representative, Install 5 1/2" x 11" pack off, & test. Engage ring and pull test to 40K, Set back pressure valve, Test upper OD seals to 5K psi.											
17:30	22:30	5.00	NUNDBOP	Nipple down BOP assembly & Drop speed head adapter, break down Halliburton Rotating Head & Orbit valve. Note: Walker, Iron horse and cactus on location for nipple down.											
22:30	23:30	1.00	WHDOPS	N/D BOP's Install 13 5/8" 10K TA cap. Release rig to UTL 0708F 0606H @ 00:00 hrs. 24.83 Days from Spud. *Final Drilling Report*											
BHA #7, Lateral															
Size (in) 6.13		Model RPS613		Make Ulterra	Serial Number 67756		Nozzles (1/32") 12/12/12/12/12/12								
Avg ROP (ft/hr) 28.0		Depth In (ftKB) 18,743.0		Depth Out (ftKB) 21,904.0		Depth Drilled (ft) 3,161.00		Drilling Time (hr) 113.00							
BHA #6, Lateral															
Size (in) 6.13		Model RPS613		Make Ulterra	Serial Number 67757		Nozzles (1/32") 13/13/13/13/13/13								
Avg ROP (ft/hr) 82.4		Depth In (ftKB) 11,737.0		Depth Out (ftKB) 18,743.0		Depth Drilled (ft) 7,006.00		Drilling Time (hr) 85.00							
Mud Checks															
Survey Data															
MD (ftKB)		TVD (ftKB)		Incl (°)		Azm (°)		VS (ft)		DLS (°/100ft)		NS (ft)		EW (ft)	
21,740.00		11,573.215		78.07		343.04		10,372.716		1.644		9,848.851		-3,277.931	
21,847.00		11,597.102		76.13		342.60		10,476.997		1.857		9,948.492		-3,308.735	
21,904.00		11,610.766		76.13		342.60		10,532.324		0.000		10,001.298		-3,325.284	
Costs															
AFE Number DL11143				Daily Total (Cost) 68,042.90				Field Est To Date (Cost) 3,565,542.73				Total Field Estimate (Cost) 3,565,542.73			



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Report Number: 32
Report End Date: 2023-06-22
Days From Spud (days): 23.0

Section 6	Township	Range	County WARD	State TEXAS	API # 42475385430000	Ground Elevation (ft) 2765	KB-Grd (ft) 8.00
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Daily Operations

Operations Summary Run 4.5" Liner, Burst air lock sub, Fill pipe, Circ. Hang off liner, Cement, Set packer, Displace well w/ water.	End Depth (ftKB) 21,904	Footage (ft) 0
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Time Log

Start Time	End Time	Dur (hr)	Ops Code	Description
06:00	11:30	5.50	CASE	Run Casing 244/244 joints of 5-1/2" 20# P110ICY Wedge 441 production casing - 16,000 kft/lbs (optimum) F/2,342' - T/10,405', Monitoring displacement on mud tanks, Averaging 1,466'/hr with no issues, proper displacement, Tenaris thread rep on site for 4-1/2" casing with 4 Star torque turn. 1 - Citadel shoe (2.42') 1 - Citadel Float Collar (4.24) 1 - 4 1/2" TXP-BTC pup (9.90) 1 - Landing collar/ wet shoe (4.33') 1 - 4 1/2" TXP-BTC pup (9.85') 240 - Jnts 4.5" 13.5# P110-ICY, TXP-BTC (10,184.53') 1 - Arsenal flotation sub 8,000 psi (1.96') 8,800psi 4 - Jnts 4.5" 13.5# P110-ICY, TXP-BTC (170.87') 1 - Baker liner hanger (48.30') 63- 4.5" HWD (1,952.01') 246 - 4.5" Delta DP (7,766.66') Tops Shoe 21,896.6' Wet Shoe Sub 21,880.5' Airlock Sub 11,684.2' Liner Hanger 11,497.2' Liner Top Packer 11,493.9' PBR Extension 11,472.8' Total Overlap - 233.11'
11:30	12:30	1.00	RURDCSG	PUMU Baker liner hanger & run in hole, Rig down casing crew. Record PU/SO @ Shoe (P/U-220K S/O-120K Rot- 190K)
12:30	19:30	7.00	TIH	TIH with Baker liner hanger F/10,405' - T/21,899, Filling on the fly and topping off every 15 stands. Full returns & proper displacement while tripping in drill pipe. Pull trip nipple/install rotating head @ 14,644'.
19:30	20:00	0.50	CIRC	Pick up to 320K (50K over neutral weight), Fill pipe and burst ALS @ 2,100 psi, Slack off to hanger setting depth (21,899').
20:00	21:00	1.00	CIRC	Continue to fill casing void with 155 bbls (bleed air with 2").
21:00	22:00	1.00	CIRC	Circulate 1.5 X casing capacity staging mud pumps up. (399 bbls @ 5.5 BPM 4,471 psi). Max bottoms up gas 631 units, 15-20 ft flare.
22:00	22:30	0.50	CIRC	Pick up cement head, Drop ball and pump 90 bbls to set slips on hanger, Seat ball w/2,200 psi, Pressure up to 4,000 psi until pressure drop.
22:30	23:00	0.50	CIRC	Drop 2nd ball, Pump 83.5 bbls to seat ball, Seat ball with 1,263 psi, Pressure up to 2,187 psi until pressure drop, Verify hanger set and pipe free with P/U-250K S/O-205K
23:00	23:30	0.50	RURDCMT	PJSM w/ SLB cementers, Scan rig crew and CLR rep; Rig up and test cementing lines.
23:30	03:00	3.50	CMT	Pressure test lines T/8,000 psi. Mix & pump production cement as follows: Pump 40 bbls of 13.5 ppg MUDPUSH express 237 bbls 14.5 ppg tail cement (1010 sks,1.32 yield, H2O 6.22 gal/sk) 2 bbls 8.4 ppg Gelled Retarder Drop plug and displaced follows: Pump18 bbls of 8.4 ppg Gelled Retarder 135 bbls 8.3 ppg fresh water w/ biocide & corrosion inhibitor 20 bbls 13.5 ppg MUDPUSH express 90 bbls 12.4 ppg OBM **Bumped plug @ 0330 hrs w/3,400 psi FCP @ 3,050 PSI, Held 500 psi over final lift for 5 min. Bled back 3 bbls @ 106 bbl into displacement dart passed through tool with 5,000 psi Open type 3 wet shoe @ 4,595 psi, Pump 3 bbls. Check floats/bled back 1 bbl, floats holding. Full returns throughout entire job. **40 BBLS MudPush & 56 bbls cement back to surface, lost 214 bbls OBM during casing & cement job**
03:00	03:30	0.50	CASE	Set Packoff as follows: Pick up to free point @ 270K, Set down to 200K make mark, Slack off to 120K (13' total). P/U to 220K, S/O 200K, Confirm packer set with Baker hand and P/U 240K . Pressure up to 1,200 psi and sting out of Packer and hanger until we see pressure drop from 1,950 PSI to 1,758 PSI. Stage pump up to 6 BPM. Released and stung out of packer-Verified by Baker and CLR rep.
03:30	06:00	2.50	CIRC	Circulate out cement and spacer with 270 OBM. Circulate OBM out of wellbore with 530 bbls fresh water w/ biocide & corrosion inhibitor using SLB. 56 bbls cement to surface.

BHA #7, Lateral

Size (in) 6.13	Model RPS613	Make Ulterra	Serial Number 67756	Nozzles (1/32") 12/12/12/12/12/12
Avg ROP (ft/hr) 28.0	Depth In (ftKB) 18,743.0	Depth Out (ftKB) 21,904.0	Depth Drilled (ft) 3,161.00	Drilling Time (hr) 113.00

BHA #6, Lateral

Size (in) 6.13	Model RPS613	Make Ulterra	Serial Number 67757	Nozzles (1/32") 13/13/13/13/13/13
Avg ROP (ft/hr) 82.4	Depth In (ftKB) 11,737.0	Depth Out (ftKB) 18,743.0	Depth Drilled (ft) 7,006.00	Drilling Time (hr) 85.00



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Mud Checks							
Density (lb/gal) 12.40		Funnel Viscosity (s/qt) 68		PV Calc (cP) 23.0		YP Calc (lb/100ft²) 13.000	
Survey Data							
MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
21,740.00	11,573.215	78.07	343.04	10,372.716	1.644	9,848.851	-3,277.931
21,847.00	11,597.102	76.13	342.60	10,476.997	1.857	9,948.492	-3,308.735
21,904.00	11,610.766	76.13	342.60	10,532.324	0.000	10,001.298	-3,325.284
Costs							
AFE Number DL11143		Daily Total (Cost) 91,518.25		Field Est To Date (Cost) 3,950,647.40		Total Field Estimate (Cost) 3,950,647.40	



UTL 0708E 0605H

Report Number: 33
Report End Date: 2023-06-23
Days From Spud (days): 24.0

Section 6	Township	Range	County WARD	State TEXAS	API # 42475385430000	Ground Elevation (ft) 2765	KB-Grd (ft) 8.00
Daily Operations							
Operations Summary TOOH F/10,464', Set Cactus pack off and test same, ND BOP and install night cap, Release rig to UTL 0708F 0606H 6-22-23 @ 21:00 hrs.					End Depth (ftKB) 21,904	Footage (ft) 0	
Time Log							
Start Time	End Time	Dur (hr)	Ops Code	Description			
06:00	06:30	0.50	CIRC	Circulate out cement and spacer with 270 OBM. Circulate OBM out of wellbore with 530 bbls fresh water w/ biocide & corrosion inhibitor using SLB. 56 bbls cement to surface.			
06:30	07:00	0.50	RURDCMT	L/D cement head. Well static.			
07:00	12:30	5.50	TOOH	Trip out of Hole on elevators racking back stands with liner running tool F/11,464' -T/567' filling backside with fresh water w/ biocide & corrosion inhibitor. While Cleaning Mud tanks.			
12:30	13:30	1.00	RURDCSG	PJSM, Lay down Baker liner running tool.			
13:30	15:30	2.00	WHDOPS	PJSM W/ Cactus, Rig crew and CLR representative, Install 5 1/2" x 11" pack off, & test. Engage ring and pull test to 40K, Set back pressure valve, Test upper OD seals to 5K psi.			
15:30	20:00	4.50	NUNDBOP	Nipple down BOP, break drilling choke components, un-hook flow line.			
20:00	21:00	1.00	WHDOPS	Install 13 5/8" 10K TA cap. Release rig to UTL 0708F 0606H @ 21:00 hrs. 23.69 Days from Spud. *Final Drilling Report*			
BHA #7, Lateral							
Size (in) 6.13		Model RPS613		Make Ulterra		Serial Number 67756	
Avg ROP (ft/hr) 28.0		Depth In (ftKB) 18,743.0		Depth Out (ftKB) 21,904.0		Nozzles (1/32") 12/12/12/12/12/12	
				Depth Drilled (ft) 3,161.00		Drilling Time (hr) 113.00	
BHA #6, Lateral							
Size (in) 6.13		Model RPS613		Make Ulterra		Serial Number 67757	
Avg ROP (ft/hr) 82.4		Depth In (ftKB) 11,737.0		Depth Out (ftKB) 18,743.0		Nozzles (1/32") 13/13/13/13/13/13	
				Depth Drilled (ft) 7,006.00		Drilling Time (hr) 85.00	
Mud Checks							
Survey Data							
MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	DLS (°/100ft)	NS (ft)	EW (ft)
21,740.00	11,573.215	78.07	343.04	10,372.716	1.644	9,848.851	-3,277.931
21,847.00	11,597.102	76.13	342.60	10,476.997	1.857	9,948.492	-3,308.735
21,904.00	11,610.766	76.13	342.60	10,532.324	0.000	10,001.298	-3,325.284
Costs							
AFE Number DL11143		Daily Total (Cost) 99,469.54		Field Est To Date (Cost) 4,189,782.65		Total Field Estimate (Cost) 4,189,782.65	