



# Daily Drilling Report

**AFE: O22TX-0048C**

**API: 42475382540000**

**LAT/LONG: 31.60694, -103.34490**

**State: Texas    County: Ward**

<b>Contractor:</b>	<b>Rig Number:</b>	<b>Phone:</b>	<b>Email:</b>
<b>KB-Ground Distance (ft):</b> 20.00	<b>Total NPT (hr):</b> 0.00	<b>Report Number:</b> 1	<b>Drilling Days (days):</b> 0.38
<b>End Depth (ftKB):</b> 391	<b>Footage (ft):</b> 299	<b>Drilling Hours (hr):</b> 5.00	<b>Avg ROP (ft/hr):</b> 59.8

Daily Operations					
Report Start 8/11/2022 12:00				Report End 8/12/2022 06:00	
Operations at Report Time TOOH C/O MWD				Operations Next Report Period TIH DRILL SURFACE	
Time Log					
Start Time	End Time	Dur (hr)	Code 3	End Depth (ftKB)	Comment
12:00	16:00	4.00	RU/RD	92	SKID F/ 10H-13H AND RIG UP
16:00	19:00	3.00	DIRECTIONAL	92	P/U DIRECTIONAL TOOLS AND MAKE UP BIT
19:00	21:00	2.00	DRILL	92	DRILL F/ 92'-191
21:00	01:00	4.00	REPAIR RIG	191	WAIT ON WELDER AND WELD UP HOLE ON STAND PIPE
01:00	04:00	3.00	DRILL	391	DRILL F/ 191'-391'
04:00	06:00	2.00	TRIP	391	TOOH FOR MWD FAILURE

Drilling Details				
Depth Rotating (ft) 299.00	Rotating Hours (hr) 5.00	Rotating ROP (ft/hr) 59.8	% Rotating Time (%) 100.00	% Rotating Depth (%) 100.00
Depth Sliding (ft)	Sliding Hours (hr)	Sliding ROP (ft/hr)	% Sliding Time (%) 0.00	% Sliding Depth (%)

[illegible]


Drill Strings								
BHA # 1, Bit Run 1. Surface								
Size (in)	Make	Model	SN	Depth In (ft)KB	Depth Out (ft...	Depth Drilled...	Job Drill Hrs (hr)	Avg ROP (ft/hr)
17 1/2				92.0	1,331.0	1,239.00	26.50	46.8
TFA (in²)	Nozzles (1/32")			IADC Bit Dull -----TD				Len (ft)

Components				
Jts	Item Des	OD (in)	ID (in)	Len (ft)

Parameters											
Start Time	End Time	Start Depth (ftKB)	End Depth (ftKB)	Drill Time (hr)	WOB (1000lbf)	RPM (rpm)	Q Flow (gpm)	SPP (psi)	Drill Tq	dP (SPP) (psi)	Int ROP (ft/hr)
12:00	06:00	92	391	5.00		100					59.8

Daily Contacts				
Title	Company	Contact	Phone	Email

Safety Incidents					
Time	Category	Type	Cause	Lost time?	Severity



Cost Summary	
Report Field Est (Cost)	Cum Field Est (Cost)
\$156,670	\$156,670
Total AFE (Cost)	Cum Variance (Cost)
\$6,622,071	\$6,465,401

Project Details		
Spud Date 8/11/2022	Rig Start Date 9/16/2022	
Target Form WC-B	Target Depth (ftK... 23,256.0	Target Depth (T... 12,026.0

Key Drilling Vendors	
Service Type	Service Company
Cementing	Halliburton Energy Services, Inc.
Directional	KLX ENERGY SERVICES LLC
Mud	NEWPARK DRILLING FLUIDS L...

Last BOP Test	
Last Date	Days Until Next Check (da...

Safety Meetings	
Date	Des

Casing Strings		
Csg Des	OD (in)	Set Depth (ftKB)
Conductor	20	92
Surface	13 3/8	1,327
Intermediate	9 5/8	11,570
Production	7	23,505

<b>Mud Pumps</b>
<b>1, Continental-Emsco, FA-1300</b>

Pump Rating (hp) 1,600.0	Stroke Length (in) 12.01	Rod Diameter (in) 2
Liner Size (in)	Vol/Stk (bbl/stk)	Eff (%)
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)

2, Continental-Emsco, FA-1300		
Pump Rating (hp) 1,600.0	Stroke Length (in) 12.01	Rod Diameter (in) 2
Liner Size (in)	Vol/Stk (bbl/stk)	Eff (%)
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)

3, Continental-Emsco, FA-1300		
Pump Rating (hp)	Stroke Length (in)	Rod Diameter (in)
1,600.0	12.01	2
Liner Size (in)	Vol/Stk (bbl/stk)	Eff (%)
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)

Formation Tops	
Formation Name	Prog Top (TVD) (ftKB)
Lamar	5,197.0
Bell Canyon SD	5,227.0
Cherry Canyon	6,150.0
Brushy Canyon	7,509.0
Bone Spring	8,614.0
1st Bone Lime	8,872.0
1st Bone Sand	9,654.0
2nd Bone Lime	10,139.0
2nd Bone Sand	10,372.0
3rd Bone Carbonate	10,534.0
3rd Bone Shale	10,912.0
3rd Bone Sand	11,194.0
WFMP_T	11,497.0
WFMP_A	11,642.0
WFMP_B	11,962.0
WFMP_C	12,363.0

Survey Data			
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)
23,368.0	91.03	162.01	12,055.9
23,446.6	91.03	161.43	12,054.5
23,463.0	91.03	161.31	12,054.2
23,500.0	90.99	161.83	12,053.6
23,535.0	90.99	161.83	12,053.0

Contractor:	Rig Number:	Phone:	Email:
KB-Ground Distance (ft): 20.00	Total NPT (hr): 0.00	Report Number: 2	Drilling Days (days): 1.38
End Depth (ftKB): 1,190	Footage (ft): 799	Drilling Hours (hr): 18.00	Avg ROP (ft/hr): 44.4

Daily Operations					
Report Start 8/12/2022 06:00				Report End 8/13/2022 06:00	
Operations at Report Time DRILLING @ 1,190'				Operations Next Report Period TD SURFACE, RUN CASING, CEMENT	
Time Log					
Start Time	End Time	Dur (hr)	Code 3	End Depth (ftKB)	Comment
06:00	08:00	2.00	TRIP	391	TOOH/ C/O MWD
08:00	09:00	1.00	TRIP	391	TIH
09:00	10:00	1.00	RIG SERV	391	RIG SERVICE
10:00	03:00	17.00	DRILL	1,150	DRILL F/ 391'-1,150'
03:00	05:00	2.00	CIRC	1,150	CLEAN OUT SUCTION ON PUMPS/ REPLACE SWAB
05:00	06:00	1.00	DRILL	1,190	DRILL F/ 1,150'-1,190'

Drilling Details				
Depth Rotating (ft) 799.00	Rotating Hours (hr) 18.00	Rotating ROP (ft/hr) 44.4	% Rotating Time (%) 100.00	% Rotating Depth (%) 100.00
Depth Sliding (ft)	Sliding Hours (hr)	Sliding ROP (ft/hr)	% Sliding Time (%) 0.00	% Sliding Depth (%)

Mud Checks													
Type	Depth (ftKB)	Dens (lb/gal)	Vis (s/qt)	PV OR (cP)	YP OR (lbf/100ft²)	Vis 6rpm	pH	Filtrate (mL/30min)	Solids (%)	LGS (%)	Elec Stab (V)	Chlor (mg/L)	OW Ratio

Drill Strings									
BHA # 1, Bit Run 1. Surface									
Size (in) 17 1/2	Make	Model	SN	Depth In (ftKB) 92.0	Depth Out (ft... 1,331.0	Depth Drilled... 1,239.00	Job Drill Hrs (hr) 26.50	Avg ROP (ft/hr) 46.8	
TFA (in²)	Nozzles (1/32")			IADC Bit Dull -----TD				Len (ft)	

Components				
Jts	Item Des			Len (ft)

Parameters											
Start Time	End Time	Start Depth (ftKB)	End Depth (ftKB)	Drill Time (hr)	WOB (1000lbf)	RPM (rpm)	Q Flow (gpm)	SPP (psi)	Drill Tq	dP (SPP) (psi)	Int ROP (ft/hr)
06:00	06:00	391	1,190	18.00		100					44.4

Daily Contacts				
Title	Company	Contact	Phone	Email

Safety Incidents					
Time	Category	Type	Cause	Lost time?	Severity

Cost Summary	
Report Field Est (Cost) \$0	Cum Field Est (Cost) \$156,670
Total AFE (Cost) \$6,622,071	Cum Variance (Cost) \$6,465,401

Project Details		
Spud Date 8/11/2022	Rig Start Date 9/16/2022	
Target Form WC-B	Target Depth (ftK... 23,256.0	Target Depth (T... 12,026.0

Key Drilling Vendors	
Service Type	Service Company
Cementing	Halliburton Energy Services, Inc.
Directional	KLX ENERGY SERVICES LLC
Mud	NEWPARK DRILLING FLUIDS L...

Last BOP Test	
Last Date	Days Until Next Check (da...

Safety Meetings	
Date	Des

Casing Strings		
Csg Des	OD (in)	Set Depth (ftKB)
Conductor	20	92
Surface	13 3/8	1,327
Intermediate	9 5/8	11,570
Production	7	23,505

Mud Pumps		
1, Continental-Emsco, FA-1300		
Pump Rating (hp) 1,600.0	Stroke Length (in) 12.01	Rod Diameter (in) 2
Liner Size (in)	Vol/Stk (bbl/stk)	Eff (%)
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)

2, Continental-Emsco, FA-1300		
Pump Rating (hp) 1,600.0	Stroke Length (in) 12.01	Rod Diameter (in) 2
Liner Size (in)	Vol/Stk (bbl/stk)	Eff (%)
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)

3, Continental-Emsco, FA-1300		
Pump Rating (hp) 1,600.0	Stroke Length (in) 12.01	Rod Diameter (in) 2
Liner Size (in)	Vol/Stk (bbl/stk)	Eff (%)
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)

Formation Tops	
Formation Name	Prog Top (TVD) (ftKB)
Lamar	5,197.0
Bell Canyon SD	5,227.0
Cherry Canyon	6,150.0
Brushy Canyon	7,509.0
Bone Spring	8,614.0
1st Bone Lime	8,872.0
1st Bone Sand	9,654.0
2nd Bone Lime	10,139.0
2nd Bone Sand	10,372.0
3rd Bone Carbonate	10,534.0
3rd Bone Shale	10,912.0
3rd Bone Sand	11,194.0
WFMP_T	11,497.0
WFMP_A	11,642.0
WFMP_B	11,962.0
WFMP_C	12,363.0

Survey Data			
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)
23,368.0	91.03	162.01	12,055.9
23,446.6	91.03	161.43	12,054.5
23,463.0	91.03	161.31	12,054.2
23,500.0	90.99	161.83	12,053.6
23,535.0	90.99	161.83	12,053.0

Contractor:	Rig Number:	Phone:	Email:
KB-Ground Distance (ft): 20.00	Total NPT (hr): 0.00	Report Number: 3	Drilling Days (days): 2.38
End Depth (ftKB): 1,331	Footage (ft): 141	Drilling Hours (hr): 3.50	Avg ROP (ft/hr): 40.3

Daily Operations						Cost Summary													
Report Start 8/13/2022 06:00				Report End 8/14/2022 06:00				Report Field Est (Cost) \$305,166		Cum Field Est (Cost) \$461,836									
Operations at Report Time CEMENTING				Operations Next Report Period RD/MO				Total AFE (Cost) \$6,622,071		Cum Variance (Cost) \$6,160,235									
Time Log						Project Details													
Start Time	End Time	Dur (hr)	Code 3	End Depth (ftKB)	Comment														
06:00	09:30	3.50	DRILL	1,331	DRILL F/ 1,190'-1,331 TD @ 09:30 ON 8/13/22														
09:30	10:30	1.00	CIRC	1,331	CIRCULATE SWEEPS AROUND														
10:30	13:30	3.00	TRIP	1,331	TOOH														
13:30	14:30	1.00	TRIP	1,331	L/D BHA														
14:30	19:00	4.50	RUN CSG/CMT	1,331	RIG UP AND RUN 13 3/8" CASING														
19:00	06:00	11.00	CIRC	1,331	CIRCULATE WHILE WAITING ON CEMENTERS/ START CEMENT JOB														
Drilling Details						Last BOP Test													
Depth Rotating (ft) 141.00			Rotating Hours (hr) 3.50		Rotating ROP (ft/hr) 40.3		% Rotating Time (%) 100.00		% Rotating Depth (%) 100.00										
Depth Sliding (ft)			Sliding Hours (hr)		Sliding ROP (ft/hr)		% Sliding Time (%) 0.00		% Sliding Depth (%)										
Mud Checks						Safety Meetings													
Type	Depth (ftKB)	Dens (lb/gal)	Vis (s/qt)	PV OR (cP)	YP OR (lb/100ft²)	Vis 6rpm	pH	Filtrate (mL/30min)	Solids (%)	LGS (%)	Elec Stab (V)	Chlor (mg/L)	OW Ratio						
Drill Strings						Casing Strings													
BHA # 1, Bit Run 1. Surface																			
Size (in) 17 1/2		Make		Model		SN		Depth In (ftKB) 92.0		Depth Out (ft...) 1,331.0		Depth Drilled... 1,239.00		Job Drill Hrs (hr) 26.50		Avg ROP (ft/hr) 46.8			
TFA (in²)		Nozzles (1/32")				IADC Bit Dull -----TD						Len (ft)							
Components						Mud Pumps													
Jts	Item Des							OD (in)		ID (in)		Len (ft)							
Parameters						2, Continental-Emsco, FA-1300													
Start Time	End Time	Start Depth (ftKB)	End Depth (ftKB)	Drill Time (hr)	WOB (1000lbf)	RPM (rpm)	Q Flow (gpm)	SPP (psi)	Drill Tq	dP (SPP) (psi)	Int ROP (ft/hr)								
06:00	06:00	1,190	1,331	3.50		100					40.3								
Daily Contacts						3, Continental-Emsco, FA-1300													
Title		Company		Contact		Phone		Email											
Safety Incidents						Formation Tops													
Time	Category		Type			Cause			Lost time?		Severity								
														Cost Summary					
														Report Field Est (Cost)		Cum Field Est (Cost)			
														\$305,166		\$461,836			
														Total AFE (Cost)		Cum Variance (Cost)			
														\$6,622,071		\$6,160,235			
														Project Details					
														Spud Date 8/11/2022		Rig Start Date 9/16/2022			
														Target Form WC-B		Target Depth (ftKB) 23,256.0		Target Depth (T...) 12,026.0	
														Key Drilling Vendors					
														Service Type		Service Company			
														Cementing		Halliburton Energy Services, Inc.			
														Directional		KLX ENERGY SERVICES LLC			
														Mud		NEWPARK DRILLING FLUIDS L...			
														Last BOP Test					
														Last Date		Days Until Next Check (da...			
														Safety Meetings					
														Date		Des			
														Casing Strings					
														Csg Des		OD (in)		Set Depth (ftKB)	
														Conductor		20		92	
														Surface		13 3/8		1,327	
														Intermediate		9 5/8		11,570	
														Production		7		23,505	
														Mud Pumps					
														1, Continental-Emsco, FA-1300					
														Pump Rating (hp) 1,600.0		Stroke Length (in) 12.01		Rod Diameter (in) 2	
Liner Size (in)		Vol/Stk (bbl/stk)		Eff (%)															
Strokes (spm)		Pressure (psi)		Flow Rate (gpm)															
2, Continental-Emsco, FA-1300																			
Pump Rating (hp) 1,600.0		Stroke Length (in) 12.01		Rod Diameter (in) 2															
Liner Size (in)		Vol/Stk (bbl/stk)		Eff (%)															
Strokes (spm)		Pressure (psi)		Flow Rate (gpm)															
3, Continental-Emsco, FA-1300																			
Pump Rating (hp) 1,600.0		Stroke Length (in) 12.01		Rod Diameter (in) 2															
Liner Size (in)		Vol/Stk (bbl/stk)		Eff (%)															
Strokes (spm)		Pressure (psi)		Flow Rate (gpm)															
Formation Tops																			
Formation Name		Prog Top (TVD) (ftKB)																	
Lamar		5,197.0																	
Bell Canyon SD		5,227.0																	
Cherry Canyon		6,150.0																	
Brushy Canyon		7,509.0																	
Bone Spring		8,614.0																	
1st Bone Lime		8,872.0																	
1st Bone Sand		9,654.0																	
2nd Bone Lime		10,139.0																	
2nd Bone Sand		10,372.0																	
3rd Bone Carbonate		10,534.0																	
3rd Bone Shale		10,912.0																	
3rd Bone Sand		11,194.0																	
WFMP_T		11,497.0																	
WFMP_A		11,642.0																	
WFMP_B		11,962.0																	
WFMP_C		12,363.0																	
Survey Data																			
MD (ftKB)		Incl (°)		Azim (°)		TVD (ftKB)													
23,368.0		91.03		162.01		12,055.9													
23,446.6		91.03		161.43		12,054.5													
23,463.0		91.03		161.31		12,054.2													
23,500.0		90.99		161.83		12,053.6													
23,535.0		90.99		161.83		12,053.0													



# Daily Drilling Report

**State: Texas    County: Ward**

<b>Contractor:</b>	<b>Rig Number:</b>	<b>Phone:</b>	<b>Email:</b>
<b>KB-Ground Distance (ft):</b> 20.00	<b>Total NPT (hr):</b> 0.00	<b>Report Number:</b> 4	<b>Drilling Days (days):</b> 2.38
<b>End Depth (ftKB):</b> 1,331	<b>Footage (ft):</b> 0	<b>Drilling Hours (hr):</b>	<b>Avg ROP (ft/hr):</b>

Daily Operations	
Report Start 8/15/2022 06:00	Report End 8/16/2022 06:00
Operations at Report Time	Operations Next Report Period

Drilling Details				
Depth Rotating (ft)	Rotating Hours (hr)	Rotating ROP (ft/hr)	% Rotating Time (%)	% Rotating Depth (%)
Depth Sliding (ft)	Sliding Hours (hr)	Sliding ROP (ft/hr)	% Sliding Time (%)	% Sliding Depth (%)

Drill Strings
BHA # <BHA #?>, Bit Run <Bit Run?>, <Drill String Name?>

Components				
Jts	Item Des	OD (in)	ID (in)	Len (ft)

Daily Contacts				
Title	Company	Contact	Phone	Email

Safety Incidents					
Time	Category	Type	Cause	Lost time?	Severity

Cost Summary	
Report Field Est (Cost)	Cum Field Est (Cost)
\$0	\$461,836
Total AFE (Cost)	Cum Variance (Cost)
\$6,622,071	\$6,160,235

Target Form WC-B	Target Depth (ftK... 23,256.0	Target Depth (T... 12,026.0
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Key Drilling Vendors	
Service Type	Service Company
Cementing	Halliburton Energy Services, Inc.
Directional	KLX ENERGY SERVICES LLC
Mud	NEWPARK DRILLING FLUIDS L...

Last BOP Test	
Last Date	Days Until Next Check (da...

Safety Meetings	
Date	Des

Casing Strings		
Csg Des	OD (in)	Set Depth (ftKB)
Conductor	20	92
Surface	13 3/8	1,327
Intermediate	9 5/8	11,570
Production	7	23,505

<b>Mud Pumps</b>
<b>1, Continental-Emsco, FA-1300</b>

Pump Rating (hp)	Stroke Length (in)	Rod Diameter (in)
1,600.0	12.01	2
Liner Size (in)	Vol/Stk (bbl/stk)	Eff (%)
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)

2, Continental-Emsco, FA-1300		
Pump Rating (hp)	Stroke Length (in)	Rod Diameter (in)
1,600.0	12.01	2
Liner Size (in)	Vol/Stk (bb/stk)	Eff (%)
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)

3, Continental-Emsco, FA-1300		
Pump Rating (hp)	Stroke Length (in)	Rod Diameter (in)
1,600.0	12.01	2
Liner Size (in)	Vol/Stk (bbl/stk)	Eff (%)
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)

Formation Tops	
Formation Name	Prog Top (TVD) (ftKB)
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Cherry Canyon	6,150.0
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WFMP_C	12,363.0

Survey Data			
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)
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23,446.6	91.03	161.43	12,054.5
23,463.0	91.03	161.31	12,054.2
23,500.0	90.99	161.83	12,053.6
23,535.0	90.99	161.83	12,053.0



# Daily Drilling Report

**State: Texas    County: Ward**

<b>Contractor:</b> PRECISION DRILLING	<b>Rig Number:</b> 550	<b>Phone:</b> 432-263-9803	<b>Email:</b> pd550rig@pointep.com
<b>KB-Ground Distance (ft):</b> 20.00	<b>Total NPT (hr):</b> 0.00	<b>Report Number:</b> 5	<b>Drilling Days (days):</b> 2.38
<b>End Depth (ftKB):</b> 1,331	<b>Footage (ft):</b> 0	<b>Drilling Hours (hr):</b>	<b>Avg ROP (ft/hr):</b>

Daily Operations					
Report Start 9/16/2022 10:00			Report End 9/17/2022 06:00		
Operations at Report Time MIRU			Operations Next Report Period MIRU		
Time Log					
Start Time	End Time	Dur (hr)	Code 3	End Depth (ftKB)	Comment
10:00	18:00	8.00	RU/RD	1,331	MIRU, 85% RIGGED DOWN, 70% MOVED, 10% RIGGED UP. 5-HAUL TRUCKS, 2- POLE TRUCKS, 1 CRANE.
18:00	06:00	12.00	RU/RD	1,331	SDFN

Drilling Details				
Depth Rotating (ft)	Rotating Hours (hr)	Rotating ROP (ft/hr)	% Rotating Time (%)	% Rotating Depth (%)
Depth Sliding (ft)	Sliding Hours (hr)	Sliding ROP (ft/hr)	% Sliding Time (%)	% Sliding Depth (%)

[illegible]

Drill Strings								
BHA # <BHA #?>, Bit Run <Bit Run?>. <Drill String Name?>								
Size (in)	Make	Model	SN	Depth In (ftKB)	Depth Out (ft...)	Depth Drilled...	Job Drill Hrs (hr)	Avg ROP (ft/hr)
TFA (in²)	Nozzles (1/32")			IADC Bit Dull				Len (ft)

Components				
Jts	Item Des	OD (in)	ID (in)	Len (ft)

[illegible]

Daily Contacts				
Title	Company	Contact	Phone	Email

Safety Incidents					
Time	Category	Type	Cause	Lost time?	Severity

Cost Summary	
Report Field Est (Cost) \$18,000	Cum Field Est (Cost) \$479,836
Total AFE (Cost) \$6,622,071	Cum Variance (Cost) \$6,142,235

Project Details		
Spud Date 8/11/2022	Rig Start Date 9/16/2022	
Target Form WC-B	Target Depth (ftK... 23,256.0	Target Depth (T... 12,026.0

Key Drilling Vendors	
Service Type	Service Company
Cementing	Halliburton Energy Services, Inc.
Directional	KLX ENERGY SERVICES LLC
Mud	NEWPARK DRILLING FLUIDS L...

Last BOP Test	
Last Date	Days Until Next Check (da...

Safety Meetings	
Date	Des

Casing Strings		
Csg Des	OD (in)	Set Depth (ftKB)
Conductor	20	92
Surface	13 3/8	1,327
Intermediate	9 5/8	11,570
Production	7	23,505

Mud Pumps		
<b>1, Continental-Emsco, FA-1300</b>		
Pump Rating (hp)	Stroke Length (in)	Rod Diameter (in)
1,600.0	12.01	2
Liner Size (in)	Vol/Stk (bbl/stk)	Eff (%)
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)

<b>2, Continental-Emsco, FA-1300</b>		
Pump Rating (hp) 1,600.0	Stroke Length (in) 12.01	Rod Diameter (in) 2
Liner Size (in)	Vol/Stk (bbl/stk)	Eff (%)
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)

3, Continental-Emsco, FA-1300		
Pump Rating (hp) 1,600.0	Stroke Length (in) 12.01	Rod Diameter (in) 2
Liner Size (in)	Vol/Stk (bbl/stk)	Eff (%)
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)

Formation Tops	
Formation Name	Prog Top (TVD) (ftKB)
Lamar	5,197.0
Bell Canyon SD	5,227.0
Cherry Canyon	6,150.0
Brushy Canyon	7,509.0
Bone Spring	8,614.0
1st Bone Lime	8,872.0
1st Bone Sand	9,654.0
2nd Bone Lime	10,139.0
2nd Bone Sand	10,372.0
3rd Bone Carbonate	10,534.0
3rd Bone Shale	10,912.0
3rd Bone Sand	11,194.0
WFMP_T	11,497.0
WFMP_A	11,642.0
WFMP_B	11,962.0
WFMP_C	12,363.0

Survey Data			
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)
23,368.0	91.03	162.01	12,055.9
23,446.6	91.03	161.43	12,054.5
23,463.0	91.03	161.31	12,054.2
23,500.0	90.99	161.83	12,053.6
23,535.0	90.99	161.83	12,053.0





# Daily Drilling Report

**State: Texas    County: Ward**

Survey Data			
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)
23,368.0	91.03	162.01	12,055.9
23,446.6	91.03	161.43	12,054.5
23,463.0	91.03	161.31	12,054.2
23,500.0	90.99	161.83	12,053.6
23,535.0	90.99	161.83	12,053.0



# Daily Drilling Report

**AFE: O22TX-0048C**

**API: 42475382540000**

**LAT/LONG: 31.60694, -103.34490**

**State: Texas    County: Ward**

<b>Contractor:</b> PRECISION DRILLING	<b>Rig Number:</b> 550	<b>Phone:</b> 432-263-9803	<b>Email:</b> pd550rig@pointep.com
<b>KB-Ground Distance (ft):</b> 20.00	<b>Total NPT (hr):</b> 0.00	<b>Report Number:</b> 7	<b>Drilling Days (days):</b> 2.38
<b>End Depth (ftKB):</b> 1,331	<b>Footage (ft):</b> 0	<b>Drilling Hours (hr):</b>	<b>Avg ROP (ft/hr):</b>



# Daily Drilling Report

**State: Texas    County: Ward**

<b>Contractor:</b> PRECISION DRILLING	<b>Rig Number:</b> 550	<b>Phone:</b> 432-263-9803	<b>Email:</b> pd550rig@pointep.com
<b>KB-Ground Distance (ft):</b> 20.00	<b>Total NPT (hr):</b> 0.00	<b>Report Number:</b> 8	<b>Drilling Days (days):</b> 2.38
<b>End Depth (ftKB):</b> 1,331	<b>Footage (ft):</b> 0	<b>Drilling Hours (hr):</b>	<b>Avg ROP (ft/hr):</b>

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)
23,368.0	91.03	162.01	12,055.9
23,446.6	91.03	161.43	12,054.5
23,463.0	91.03	161.31	12,054.2
23,500.0	90.99	161.83	12,053.6
23,535.0	90.99	161.83	12,053.0





# Daily Drilling Report

**State: Texas    County: Ward**

<b>Contractor:</b> PRECISION DRILLING	<b>Rig Number:</b> 550	<b>Phone:</b> 432-263-9803	<b>Email:</b> pd550rig@pointep.com
<b>KB-Ground Distance (ft):</b> 20.00	<b>Total NPT (hr):</b> 0.00	<b>Report Number:</b> 9	<b>Drilling Days (days):</b> 2.38
<b>End Depth (ftKB):</b> 1,331	<b>Footage (ft):</b> 0	<b>Drilling Hours (hr):</b>	<b>Avg ROP (ft/hr):</b>

Daily Operations					
Report Start 9/20/2022 06:00				Report End 9/21/2022 06:00	
Operations at Report Time Changing out swivel packing and four inch valve				Operations Next Report Period Finish testing, pick up BHA, drill out.	
Time Log					
Start Time	End Time	Dur (hr)	Code 3	End Depth (ftKB)	Comment
06:00	18:00	12.00	RU/RD	1,331	Run electrical lines in suite cases. Change out annular on BOP.
18:00	00:00	6.00	RU/RD	1,331	Rig up RD 550, Install #1 and #2 new shaker beds.Rig up DFS backyard equipment. Rig up flare and panic line with iron horse. Haul in fresh water and mud supplies.Set in Frontier MPD choke. Nipple up BOP. Make up test joint, fill stack with water.
00:00	06:00	6.00	NU BOP	1,331	Test BOP. 250 low/5,000 high (Pipe rams, blind rams, all valves, and back to pumps) 250 low/3,500 high on annular. Csg test to 665 psi held for 30 mins.

Drilling Details				
Depth Rotating (ft)	Rotating Hours (hr)	Rotating ROP (ft/hr)	% Rotating Time (%)	% Rotating Depth (%)
Depth Sliding (ft)	Sliding Hours (hr)	Sliding ROP (ft/hr)	% Sliding Time (%)	% Sliding Depth (%)

[illegible]

Drill Strings								
BHA # <BHA #?>, Bit Run <Bit Run?>. <Drill String Name?>								
Size (in)	Make	Model	SN	Depth In (ftKB)	Depth Out (ft...	Depth Drilled...	Job Drill Hrs (hr)	Avg ROP (ft/hr)
TFA (in²)	Nozzles (1/32")			IADC Bit Dull				Len (ft)

Components				
Jts	Item Des	OD (in)	ID (in)	Len (ft)

Parameters											
Start Time	End Time	Start Depth (ftKB)	End Depth (ftKB)	Drill Time (hr)	WOB (1000lbf)	RPM (rpm)	Q Flow (gpm)	SPP (psi)	Drill Tq	dP (SPP) (psi)	Int ROP (ft/hr)

Daily Contacts				
Title	Company	Contact	Phone	Email
SVP Operations	Point Energy	Joel Acosta	405-441-4393	joela@pointep.com
Engineer	Crescent	Parker Cummings	956-693-0063	pcummings@cvmmgmt.com
Rig supervisor	Crescent	Dave Hoggatt	307-660-5541	pd550rig@pointep.com
Rig supervisor	Crescent	Brian Friend	405-777-3433	pd550rig@pointep.com
Rig	Precision	PD 550	432-263-9803	pd550rig@pointep.com

Safety Incidents					
Time	Category	Type	Cause	Lost time?	Severity

Cost Summary	
Report Field Est (Cost) \$61,304	Cum Field Est (Cost) \$721,131
Total AFE (Cost) \$6,622,071	Cum Variance (Cost) \$5,900,940

Project Details		
Spud Date 8/11/2022	Rig Start Date 9/16/2022	
Target Form WC-B	Target Depth (ftK... 23,256.0	Target Depth (T... 12,026.0

Key Drilling Vendors	
Service Type	Service Company
Cementing	Halliburton Energy Services, Inc.
Directional	KLX ENERGY SERVICES LLC
Mud	NEWPARK DRILLING FLUIDS L...

Last BOP Test	
Last Date	Days Until Next Check (da...

Safety Meetings	
Date	Des
9/20/2022	Foward ops, Rigging up

Casing Strings		
Csg Des	OD (in)	Set Depth (ft)(KB)
Conductor	20	92
Surface	13 3/8	1,327
Intermediate	9 5/8	11,570
Production	7	23,505

Mud Pumps		
1, Continental-Emsco, FA-1300		
Pump Rating (hp) 1,600.0	Stroke Length (in) 12.01	Rod Diameter (in) 2
Liner Size (in)	Vol/Stk (bbl/stk)	Eff (%)
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)

2, Continental-Emsco, FA-1300		
Pump Rating (hp)	Stroke Length (in)	Rod Diameter (in)
1,600.0	12.01	2
Liner Size (in)	Vol/Stk (bbl/stk)	Eff (%)
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)

3. Continental-Emsco, FA-1300		
Pump Rating (hp) 1,600.0	Stroke Length (in) 12.01	Rod Diameter (in) 2
Liner Size (in)	Vol/Stk (bbl/stk)	Eff (%)
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)

Formation Tops	
Formation Name	Prog Top (TVD) (ftKB)
Lamar	5,197.0
Bell Canyon SD	5,227.0
Cherry Canyon	6,150.0
Brushy Canyon	7,509.0
Bone Spring	8,614.0
1st Bone Lime	8,872.0
1st Bone Sand	9,654.0
2nd Bone Lime	10,139.0
2nd Bone Sand	10,372.0
3rd Bone Carbonate	10,534.0
3rd Bone Shale	10,912.0
3rd Bone Sand	11,194.0
WFMP_T	11,497.0
WFMP_A	11,642.0
WFMP_B	11,962.0
WFMP_C	12,363.0

Survey Data			
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)
23,368.0	91.03	162.01	12,055.9
23,446.6	91.03	161.43	12,054.5
23,463.0	91.03	161.31	12,054.2
23,500.0	90.99	161.83	12,053.6
23,535.0	90.99	161.83	12,053.0



# Daily Drilling Report

**State: Texas    County: Ward**

<b>Contractor:</b> PRECISION DRILLING	<b>Rig Number:</b> 550	<b>Phone:</b> 432-263-9803	<b>Email:</b> pd550rig@pointep.com
<b>KB-Ground Distance (ft):</b> 20.00	<b>Total NPT (hr):</b> 0.00	<b>Report Number:</b> 10	<b>Drilling Days (days):</b> 2.46
<b>End Depth (ftKB):</b> 1,331	<b>Footage (ft):</b> 0	<b>Drilling Hours (hr):</b>	<b>Avg ROP (ft/hr):</b>

Daily Operations					
Report Start 9/21/2022 06:00				Report End 9/22/2022 06:00	
Operations at Report Time Drilling float equipment and cement				Operations Next Report Period FIT, drill 12.25" section	
Time Log					
Start Time	End Time	Dur (hr)	Code 3	End Depth (ftKB)	Comment
06:00	07:00	1.00	REPAIR RIG	1,331	Installed new swivel packing and new 4" valve on floor
07:00	08:00	1.00	FIT/CIT	1,331	Casing test to 665 psi held and charted for 30 mins
08:00	11:00	3.00	TESTING	1,331	Test mud line, top drive and stand pipe. Replaced swivel on in line screen.
11:00	13:00	2.00	RU/RD	1,331	Dress out shakers, rig up air lines to orbit valve.
13:00	20:30	7.50	DIRECTIONAL	1,331	Pick up BHA as follows: 12.25" Reed TKC 66, Power drive orbit RSS, 12" Nortrack stabilizer, UBHO, NMDC, NMPC, 12" Nortrack stabilizer, Filter sub, Shock sub, Cross over, Mud motor (7/8, 5.9, FBH, .155 RPG) 4 stand drill collars, Cross over.
20:30	21:30	1.00	RIG SERV	1,331	Rig service
21:30	22:30	1.00	REPAIR RIG	1,331	Hookload not reading correctly, trouble shoot.
22:30	23:00	0.50	SAFETY	1,331	Install rotating head
23:00	00:00	1.00	TRIP	1,331	Pick up pipe F/BHA T/713'
00:00	00:30	0.50	REPAIR RIG	1,331	Trouble shoot hookload not reading correctly.
00:30	02:30	2.00	TRIP	1,331	Pick up pipe F/713' T/1,250'
02:30	04:00	1.50	REPAIR RIG	1,331	Hang off blocks, replace hookload sensor loadcell on drill line anchor. Re-calibrate Amphion hookload.
04:00	06:00	2.00	REAM	1,331	Drill float equipment, cement, and 10' of new formation T/1,350.  FC @ 1,293' FS @ 1,337

Drilling Details				
Depth Rotating (ft)	Rotating Hours (hr)	Rotating ROP (ft/hr)	% Rotating Time (%)	% Rotating Depth (%)
Depth Sliding (ft)	Sliding Hours (hr)	Sliding ROP (ft/hr)	% Sliding Time (%)	% Sliding Depth (%)

Mud Checks													
Type	Depth (ftKB)	Dens (lb/gal)	Vis (s/qt)	PV OR (cP)	YP OR (lb/100ft²)	Vis 6rpm	pH	Filtrate (mL/30min)	Solids (%)	LGS (%)	Elec Stab (V)	Chlor (mg/L)	OW Ratio
Salt Base	1,327	9.7	31	2.0	1.0	1			3.9	0.1		152,000	

Drill Strings								
BHA # <BHA #?>, Bit Run <Bit Run?>. <Drill String Name?>								
Size (in)	Make	Model	SN	Depth In (ftKB)	Depth Out (ft...	Depth Drilled...	Job Drill Hrs (hr)	Avg ROP (ft/hr)
TFA (in <sup>2</sup> )	Nozzles (1/32")			IADC Bit Dull				Len (ft)

Components				
Jts	Item Des	OD (in)	ID (in)	Len (ft)

Parameters											
Start Time	End Time	Start Depth (ftKB)	End Depth (ftKB)	Drill Time (hr)	WOB (1000lbf)	RPM (rpm)	Q Flow (gpm)	SPP (psi)	Drill Tq	dP (SPP) (psi)	Int ROP (ft/hr)

Daily Contacts				
Title	Company	Contact	Phone	Email
SVP Operations	Point Energy	Joel Acosta	405-441-4393	joela@pointep.com
Engineer	Crescent	Parker Cummings	956-693-0063	pcummings@cvmmgmt.com
Rig supervisor	Crescent	Dave Hoggatt	307-660-5541	pd550rig@pointep.com
Rig supervisor	Crescent	Brian Friend	405-777-3433	pd550rig@pointep.com
Rig	Precision	PD 550	432-263-9803	pd550rig@pointep.com

Safety Incidents					
Time	Category	Type	Cause	Lost time?	Severity

Cost Summary	
Report Field Est (Cost) \$141,088	Cum Field Est (Cost) \$862,219
Total AFE (Cost) \$6,622,071	Cum Variance (Cost) \$5,759,853

Project Details		
Spud Date 8/11/2022	Rig Start Date 9/16/2022	
Target Form WC-B	Target Depth (ftK... 23,256.0	Target Depth (T... 12,026.0

Key Drilling Vendors	
Service Type	Service Company
Cementing	Halliburton Energy Services, Inc.
Directional	KLX ENERGY SERVICES LLC
Mud	NEWPARK DRILLING FLUIDS L...

Last BOP Test	
Last Date 9/21/2022	Days Until Next Check (da... 21

Safety Meetings	
Date	Des
9/21/2022	Foward ops, Working with BOP tester
9/21/2022	Foward ops, Picking up BHA

Casing Strings		
Csg Des	OD (in)	Set Depth (ftKB)
Conductor	20	92
Surface	13 3/8	1,327
Intermediate	9 5/8	11,570
Production	7	23,505

Mud Pumps		
1, Continental-Emsco, FA-1300		
Pump Rating (hp)	Stroke Length (in)	Rod Diameter (in)
1,600.0	12.01	2
Liner Size (in)	Vol/Stk (bbl/stk)	Eff (%)
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)

2, Continental-Emsco, FA-1300		
Pump Rating (hp)	Stroke Length (in)	Rod Diameter (in)
1,600.0	12.01	2
Liner Size (in)	Vol/Stk (bbl/stk)	Eff (%)
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)

3, Continental-Emsco, FA-1300		
Pump Rating (hp)	Stroke Length (in)	Rod Diameter (in)
1,600.0	12.01	2
Liner Size (in)	Vol/Stk (bbl/stk)	Eff (%)
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)

Formation Tops	
Formation Name	Prog Top (TVD) (ftKB)
Lamar	5,197.0
Bell Canyon SD	5,227.0
Cherry Canyon	6,150.0
Brushy Canyon	7,509.0
Bone Spring	8,614.0
1st Bone Lime	8,872.0
1st Bone Sand	9,654.0
2nd Bone Lime	10,139.0
2nd Bone Sand	10,372.0
3rd Bone Carbonate	10,534.0
3rd Bone Shale	10,912.0
3rd Bone Sand	11,194.0
WFMP_T	11,497.0
WFMP_A	11,642.0
WFMP_B	11,962.0
WFMP_C	12,363.0

Survey Data			
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)
23,368.0	91.03	162.01	12,055.9
23,446.6	91.03	161.43	12,054.5
23,463.0	91.03	161.31	12,054.2
23,500.0	90.99	161.83	12,053.6
23,535.0	90.99	161.83	12,053.0



UL DINO JUICE 18-40-45 WB3 13H  
Daily Drilling Report

Report Date: 9/23/2022  
AFE: O22TX-0048C  
API: 42475382540000  
LAT/LONG: 31.60694, -103.34490  
State: Texas County: Ward

Contractor: PRECISION DRILLING	Rig Number: 550	Phone: 432-263-9803	Email: pd550rig@pointep.com
KB-Ground Distance (ft): 20.00	Total NPT (hr): 9.00	Report Number: 11	Drilling Days (days): 3.46
End Depth (ftKB): 2,734	Footage (ft): 1,403	Drilling Hours (hr): 11.50	Avg ROP (ft/hr): 122.0

Daily Operations					
Report Start 9/22/2022 06:00				Report End 9/23/2022 06:00	
Operations at Report Time Surface testing MWD tools				Operations Next Report Period TIH continue drilling 12.25" section.	
Time Log					
Start Time	End Time	Dur (hr)	Code 3	End Depth (ftKB)	Comment
06:00	07:00	1.00	DRILL	1,350	Drill new hole F/1,331' to 1350'. C/C B/U and consistant MW around.
07:00	07:30	0.50	FIT/CIT	1,350	Perform FIT to EMW 12#. Applie pressure 180 psi. Test MW 9.4#.
07:30	09:00	1.50	DRILL	1,446	Drill 12.25" intermediate F/1,350' to 1,446'.
09:00	10:00	1.00	NPT	1,446	Replace MWD transducer and communication cable to due to interference.
10:00	17:30	7.50	DRILL	2,336	Drill 12.25" intermediate F/1,446' T/2,336'
17:30	18:30	1.00	RIG SERV	2,336	Service rig and top drive
18:30	21:00	2.50	DRILL	2,734	Drill 12.25" intermediate F/2,336' T/2,734'
21:00	22:00	1.00	DIRECTIONAL	2,734	Time spent downlinking off bottom.
22:00	23:00	1.00	CIRC	2,734	Circulate hole clean and prep for TOH due to RSS not responding to downlinks. After numerous attempts to downlink the RSS into proper build direction, as well as optimizing drilling parameters for tool success tool did not respond.
23:00	02:00	3.00	TRIP	2,734	TOH F/2,734' T/BHA, Due to RSS not responding.
02:00	06:00	4.00	DIRECTIONAL	2,734	Work BHA, lay down motor, change out RSS and MWD tool. Bit was green. Motor and bit were rerun. Visual inspection of the RSS and BHA gave no indication as to the reason for failure. Mule shoe locking rig on MWD tool was broken, it's believed to have happened while removing tool. Surface test preformed on MWD tools.

Drilling Details					
Depth Rotating (ft)	Rotating Hours (hr)	Rotating ROP (ft/hr)	% Rotating Time (%)	% Rotating Depth (%)	
1,403.00	11.50	122.0	100.00	100.00	
Depth Sliding (ft)	Sliding Hours (hr)	Sliding ROP (ft/hr)	% Sliding Time (%)	% Sliding Depth (%)	
			0.00		

Mud Checks													
Type	Depth (ftKB)	Dens (lb/gal)	Vis (s/qt)	PV OR (cP)	YP OR (lbf/100ft²)	Vis 6rpm	pH	Filtrate (mL/30min)	Solids (%)	LGS (%)	Elec Stab (V)	Chlor (mg/L)	OW Ratio
Salt Base	2,215	10.1	31	2.0	1.0	1	10.5		3.9	0.3		198,000	

Drill Strings									
BHA # 2, Bit Run 2. Intermediate RSS #1									
Size (in)	Make	Model	SN	Depth In (ftKB)	Depth Out (ft...)	Depth Drilled...	Job Drill Hrs (hr)	Avg ROP (ft/hr)	
12 1/4	Reed	TKC66	A289566	1,331.0	8,932.0	7,601.00	85.00	89.4	
TFA (in²)	Nozzles (1/32")	IADC Bit Dull				Len (ft)			
0.76	10/10/10/10/10/10/12/12	--NO-A-X-0-NO-DTF				490.66			

Components				
Jts	Item Des	OD (in)	ID (in)	Len (ft)
1	RSS	8 1/4		13.84
1	Stabilizer 12"	8	2.75	7.34
1	UBHO sub	8		2.64
1	NMDC	8	3.25	28.19
1	NMPC	8	3.25	14.63
1	Stabilizer 12"	8	2.75	5.17
1	Filter Sub	8		5.38
1	Shock Sub	8		14.13
1	XO Sub Pin X Pin	8	3.00	1.04
1	Mud Motor	8		35.22
12	Drill Collar	8	3.00	360.04
1	XO Sub	8	3.00	2.04

Parameters											
Start Time	End Time	Start Depth (ftKB)	End Depth (ftKB)	Drill Time (hr)	WOB (1000lbf)	RPM (rpm)	Q Flow (gpm)	SPP (psi)	Drill Tq	dP (SPP) (psi)	Int ROP (ft/hr)
07:30	09:00	1,331	1,446	1.50	48	70	820	2,250	10	500	76.7
10:00	17:30	1,446	2,336	7.50	48	70	820	2,250	10	500	118.7
18:30	21:00	2,336	2,734	2.50	48	70	820	2,250	10	500	159.2

Daily Contacts				
Title	Company	Contact	Phone	Email
SVP Operations	Point Energy	Joel Acosta	405-441-4393	joela@pointep.com
Engineer	Crescent	Parker Cummings	956-693-0063	pcummings@cvmgmt.com
Rig supervisor	Crescent	Dave Hoggatt	307-660-5541	pd550rig@pointep.com
Rig supervisor	Crescent	Brian Friend	405-777-3433	pd550rig@pointep.com
Rig	Precision	PD 550	432-263-9803	pd550rig@pointep.com

Safety Incidents					
Time	Category	Type	Cause	Lost time?	Severity

Cost Summary		
Report Field Est (Cost)		Cum Field Est (Cost)
\$118,409		\$980,627
Total AFE (Cost)		Cum Variance (Cost)
\$6,622,071		\$5,641,444
Project Details		
Spud Date		Rig Start Date
8/11/2022		9/16/2022
Target Form	Target Depth (ftK..	Target Depth (T...
WC-B	23,256.0	12,026.0

Key Drilling Vendors	
Service Type	Service Company
Cementing	Halliburton Energy Services, Inc.
Directional	KLX ENERGY SERVICES LLC
Mud	NEWPARK DRILLING FLUIDS L...

Last BOP Test	
Last Date	Days Until Next Check (da...
9/21/2022	20

Safety Meetings	
Date	Des
9/22/2022	Foward ops, Drilling ahead
9/22/2022	Foward ops, Building stands in the mousehole.
9/23/2022	PJSM working BHA

Casing Strings		
Csg Des	OD (in)	Set Depth (ftKB)
Conductor	20	92
Surface	13 3/8	1,327
Intermediate	9 5/8	11,570
Production	7	23,505

Mud Pumps		
1, Continental-Emsco, FA-1300		
Pump Rating (hp)	Stroke Length (in)	Rod Diameter (in)
1,600.0	12.01	2
Liner Size (in)	Vol/Stk (bbl/stk)	Eff (%)
6	0.100	95
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)
67	3,300.0	267

2, Continental-Emsco, FA-1300		
Pump Rating (hp)	Stroke Length (in)	Rod Diameter (in)
1,600.0	12.01	2
Liner Size (in)	Vol/Stk (bbl/stk)	Eff (%)
6	0.100	95
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)
67	3,300.0	267

3, Continental-Emsco, FA-1300		
Pump Rating (hp)	Stroke Length (in)	Rod Diameter (in)
1,600.0	12.01	2
Liner Size (in)	Vol/Stk (bbl/stk)	Eff (%)
6	0.100	95
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)
65	3,300.0	259

Formation Tops	
Formation Name	Prog Top (TVD) (ftKB)
Lamar	5,197.0
Bell Canyon SD	5,227.0
Cherry Canyon	6,150.0
Brushy Canyon	7,509.0
Bone Spring	8,614.0
1st Bone Lime	8,872.0
1st Bone Sand	9,654.0
2nd Bone Lime	10,139.0
2nd Bone Sand	10,372.0
3rd Bone Carbonate	10,534.0
3rd Bone Shale	10,912.0
3rd Bone Sand	11,194.0
WFMP_T	11,497.0
WFMP_A	11,642.0
WFMP_B	11,962.0
WFMP_C	12,363.0

Survey Data			
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)
23,368.0	91.03	162.01	12,055.9
23,446.6	91.03	161.43	12,054.5
23,463.0	91.03	161.31	12,054.2
23,500.0	90.99	161.83	12,053.6
23,535.0	90.99	161.83	12,053.0



# Daily Drilling Report

**AFE: O22TX-0048C**

**API: 42475382540000**

**LAT/LONG: 31.60694, -103.34490**

**State: Texas    County: Ward**

<b>Contractor:</b> PRECISION DRILLING	<b>Rig Number:</b> 550	<b>Phone:</b> 432-263-9803	<b>Email:</b> pd550rig@pointep.com
<b>KB-Ground Distance (ft):</b> 20.00	<b>Total NPT (hr):</b> 12.00	<b>Report Number:</b> 12	<b>Drilling Days (days):</b> 4.46
<b>End Depth (ftKB):</b> 5,215	<b>Footage (ft):</b> 2,481	<b>Drilling Hours (hr):</b> 20.00	<b>Avg ROP (ft/hr):</b> 124.1

Daily Operations

Report Start  
9/23/2022 06:00

Report End  
9/24/2022 06:00

Operations at Report Time  
Drilling ahead @ 5,215'

Operations Next Report Period  
Continue drilling 12.25" section as per plan.

Time Log

Start Time	End Time	Dur (hr)	Code 3	End Depth (ftKB)	Comment
06:00	08:30	2.50	TRIP	2,734	Continue tripping in hole with intermediate assembly washing last stand to bottom @ 2,734'. Hole displacing correct amount of fluid.
08:30	09:00	0.50	DIRECTIONAL	2,734	Downlink RSS off bottom to 100% pad force HS
09:00	17:30	8.50	DRILL	3,738	Drill 12.25" intermediate as per plan F/2,734' T/3,738'.
17:30	18:30	1.00	RIG SERV	3,738	Service rig
18:30	06:00	11.50	DRILL	5,215	Drill 12.25" intermediate as per plan F/3,738' T/5,215'.  Drilling hrs last 24: 20 Circulate hrs last 24: 0 Total Reaming hrs: 0 Total circulating hrs: 0 Total drilling hrs: 20 Total BHA hrs: 20 Downlniks last 24: 8 Total downlinks: 8

Drilling Details				
Depth Rotating (ft)	Rotating Hours (hr)	Rotating ROP (ft/hr)	% Rotating Time (%)	% Rotating Depth (%)
2,481.00	20.00	124.1	100.00	100.00
Depth Sliding (ft)	Sliding Hours (hr)	Sliding ROP (ft/hr)	% Sliding Time (%)	% Sliding Depth (%)
			0.00	

Mud Checks													
Type	Depth (ftKB)	Dens (lb/gal)	Vis (s/qt)	PV OR (cP)	YP OR (lb/100ft²)	Vis 6rpm	pH	Filtrate (mL/30min)	Solids (%)	LGS (%)	Elec Stab (V)	Chlor (mg/L)	OW Ratio
Salt Base	3,855	10.1	31	3.0	2.0	1	8.0		3.9	0.3		198,000	

Drill Strings								
BHA # 3, Bit Run 2. Intermediate RSS #2								
Size (in)	Make	Model	SN	Depth In (ftKB)	Depth Out (ft...	Depth Drilled...	Job Drill Hrs (hr)	Avg ROP (ft/hr)
12 1/4	Reed	TKC66	A289566	1,331.0	8,932.0	7,601.00	85.00	89.4
TFA (in²) 0.76	Nozzles (1/32") 10/10/10/10/10/10/12/12			IADC Bit Dull 4-8-RO-S-X-1-BT-PR			Len (ft) 490.74	

Components				
Jts	Item Des	OD (in)	ID (in)	Len (ft)
1	RSS	8 1/4		13.92
1	Stabilizer 12"	8	2.75	7.34
1	UBHO sub	8		2.64
1	NMDC	8	3.25	28.19
1	NMPC	8	3.25	14.63
1	Stabilizer 12"	8	2.75	5.17
1	Filter Sub	8		5.38
1	Shock Sub	8		14.13
1	XO Sub Pin X Pin	8	3.00	1.04
1	Mud Motor	8		35.22
12	Drill Collar	8	3.00	360.04
1	XO Sub	8	3.00	2.04

Parameters											
Start Time	End Time	Start Depth (ftKB)	End Depth (ftKB)	Drill Time (hr)	WOB (1000lbf)	RPM (rpm)	Q Flow (gpm)	SPP (psi)	Drill Tq	dP (SPP) (psi)	Int ROP (ft/hr)
09:00	17:30	2,734	3,738	8.50	47	80	815	2,800	16	700	118.1
18:30	06:00	3,738	5,215	11.50	47	80	815	2,800	16	700	128.4

Daily Contacts				
Title	Company	Contact	Phone	Email
SVP Operations	Point Energy	Joel Acosta	405-441-4393	joela@pointep.com
Engineer	Crescent	Parker Cummings	956-693-0063	pcummings@cvmmgmt.com
Rig supervisor	Crescent	Dave Hoggatt	307-660-5541	pd550rig@pointep.com
Rig supervisor	Crescent	Brian Friend	405-777-3433	pd550rig@pointep.com
Rig	Precision	PD 550	432-263-9803	pd550rig@pointep.com

Safety Incidents					
Time	Category	Type	Cause	Lost time?	Severity

Cost Summary	
Report Field Est (Cost)	Cum Field Est (Cost)
\$170,728	\$1,151,355
Total AFE (Cost)	Cum Variance (Cost)
\$6,622,071	\$5,470,716

Project Details		
Spud Date 8/11/2022	Rig Start Date 9/16/2022	
Target Form WC-B	Target Depth (ftK... 23,256.0	Target Depth (T... 12,026.0

Key Drilling Vendors	
Service Type	Service Company
Cementing	Halliburton Energy Services, Inc.
Directional	KLX ENERGY SERVICES LLC
Mud	NEWPARK DRILLING FLUIDS L...

<b>Last BOP Test</b>	
Last Date 9/21/2022	Days Until Next Check (da... 19

Safety Meetings	
Date	Des
9/23/2022	Foward ops, Tripping
9/23/2022	Foward ops, House keeping

Casing Strings		
Csg Des	OD (in)	Set Depth (ft/KB)
Conductor	20	92
Surface	13 3/8	1,327
Intermediate	9 5/8	11,570
Production	7	23,505

Mud Pumps		
1, Continental-Emsco, FA-1300		
Pump Rating (hp)	Stroke Length (in)	Rod Diameter (in)
1,600.0	12.01	2
Liner Size (in)	Vol/Stk (bbl/stk)	Eff (%)
6	0.100	95
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)
67	2,800.0	267

<b>2, Continental-Emsco, FA-1300</b>		
<b>Pump Rating (hp)</b>	<b>Stroke Length (in)</b>	<b>Rod Diameter (in)</b>
1,600.0	12.01	2
<b>Liner Size (in)</b>	<b>Vol/Stk (bbl/stk)</b>	<b>Eff (%)</b>
6	0.100	95
<b>Strokes (spm)</b>	<b>Pressure (psi)</b>	<b>Flow Rate (gpm)</b>
67	2,800.0	267

<b>3, Continental-Emsco, FA-1300</b>		
Pump Rating (hp)	Stroke Length (in)	Rod Diameter (in)
1,600.0	12.01	2
Liner Size (in)	Vol/Stk (bbl/stk)	Eff (%)
6	0.100	95
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)
65	2,800.0	259

Formation Tops	
Formation Name	Prog Top (TVD) (ftKB)
Lamar	5,197.0
Bell Canyon SD	5,227.0
Cherry Canyon	6,150.0
Brushy Canyon	7,509.0
Bone Spring	8,614.0
1st Bone Lime	8,872.0
1st Bone Sand	9,654.0
2nd Bone Lime	10,139.0
2nd Bone Sand	10,372.0
3rd Bone Carbonate	10,534.0
3rd Bone Shale	10,912.0
3rd Bone Sand	11,194.0
WFMP_T	11,497.0
WFMP_A	11,642.0
WFMP_B	11,962.0
WFMP_C	12,363.0

Survey Data			
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)
23,368.0	91.03	162.01	12,055.9
23,446.6	91.03	161.43	12,054.5
23,463.0	91.03	161.31	12,054.2
23,500.0	90.99	161.83	12,053.6
23,535.0	90.99	161.83	12,053.0





UL DINO JUICE 18-40-45 WB3 13H  
Daily Drilling Report

Report Date: 9/25/2022  
AFE: O22TX-0048C  
API: 42475382540000  
LAT/LONG: 31.60694, -103.34490  
State: Texas County: Ward

Contractor: PRECISION DRILLING	Rig Number: 550	Phone: 432-263-9803	Email: pd550rig@pointep.com
KB-Ground Distance (ft): 20.00	Total NPT (hr): 12.00	Report Number: 13	Drilling Days (days): 5.46
End Depth (ftKB): 7,652	Footage (ft): 2,437	Drilling Hours (hr): 23.00	Avg ROP (ft/hr): 106.0

Daily Operations					
Report Start 9/24/2022 06:00				Report End 9/25/2022 06:00	
Operations at Report Time Drilling ahead @ 7,652'				Operations Next Report Period Continue drilling 12.25" section per plan.	
Time Log					
Start Time	End Time	Dur (hr)	Code 3	End Depth (ftKB)	Comment
06:00	17:30	11.50	DRILL	6,880	Drill 12.25" intermediate as per plan F/5,215' T/6,880'.
17:30	18:30	1.00	RIG SERV	6,880	Rig and top drive service
18:30	06:00	11.50	DRILL	7,652	Drill 12.25" intermediate as per plan F/6,880' T/7,652'
Drilling hrs last 24: 23 Circulate hrs last 24: 0 Total Reaming hrs: 0 Total circulating hrs: 0 Total drilling hrs: 43 Total BHA hrs: 43 Downlniks last 24: 12 Total downlinks: 20					

Drilling Details				
Depth Rotating (ft)	Rotating Hours (hr)	Rotating ROP (ft/hr)	% Rotating Time (%)	% Rotating Depth (%)
2,437.00	23.00	106.0	100.00	100.00
Depth Sliding (ft)	Sliding Hours (hr)	Sliding ROP (ft/hr)	% Sliding Time (%)	% Sliding Depth (%)
		0.00		

Mud Checks													
Type	Depth (ftKB)	Dens (lb/gal)	Vis (s/qt)	PV OR (cP)	YP OR (lb/100ft²)	Vis 6rpm	pH	Filtrate (mL/30min)	Solids (%)	LGS (%)	Elec Stab (V)	Chlor (mg/L)	OW Ratio
Salt Base	7,165	10.5	31	3.0	4.0	1	8.5		3.9	2.6		176,000	

Drill Strings								
BHA # 3, Bit Run 2. Intermediate RSS #2								
Size (in)	Make	Model	SN	Depth In (ftKB)	Depth Out (ft...	Depth Drilled...	Job Drill Hrs (hr)	Avg ROP (ft/hr)
12 1/4	Reed	TKC66	A289566	1,331.0	8,932.0	7,601.00	85.00	89.4
TFA (in²)	Nozzles (1/32")			IADC Bit Dull			Len (ft)	
0.76	10/10/10/10/10/10/12/12			4-8-RO-S-X-1-BT-PR			490.74	

Components				
Jts	Item Des			Len (ft)
1	RSS			13.92
1	Stabilizer 12"			7.34
1	UBHO sub			2.64
1	NMDC			28.19
1	NMPC			14.63
1	Stabilizer 12"			5.17
1	Filter Sub			5.38
1	Shock Sub			14.13
1	XO Sub Pin X Pin			1.04
1	Mud Motor			35.22
12	Drill Collar			360.04
1	XO Sub			2.04

Parameters											
Start Time	End Time	Start Depth (ftKB)	End Depth (ftKB)	Drill Time (hr)	WOB (1000lbf)	RPM (rpm)	Q Flow (gpm)	SPP (psi)	Drill Tq	dP (SPP) (psi)	Int ROP (ft/hr)
06:00	17:30	5,215	6,880	11.50	47	80	815	2,800	16	700	144.8
18:30	06:00	6,880	7,652	11.50	45	40	815	2,800	18	350	67.1

Daily Contacts				
Title	Company	Contact	Phone	Email
SVP Operations	Point Energy	Joel Acosta	405-441-4393	joela@pointep.com
Engineer	Crescent	Parker Cummings	956-693-0063	pcummings@cvmgmt.com
Rig supervisor	Crescent	Dave Hoggatt	307-660-5541	pd550rig@pointep.com
Rig supervisor	Crescent	Brian Friend	405-777-3433	pd550rig@pointep.com
Rig	Precision	PD 550	432-263-9803	pd550rig@pointep.com

Safety Incidents					
Time	Category	Type	Cause	Lost time?	Severity

Cost Summary		
Report Field Est (Cost)		Cum Field Est (Cost)
\$90,655		\$1,242,010
Total AFE (Cost)		Cum Variance (Cost)
\$6,622,071		\$5,380,061
Project Details		
Spud Date		Rig Start Date
8/11/2022		9/16/2022
Target Form	Target Depth (ftK...	Target Depth (T...
WC-B	23,256.0	12,026.0

Key Drilling Vendors	
Service Type	Service Company
Cementing	Halliburton Energy Services, Inc.
Directional	KLX ENERGY SERVICES LLC
Mud	NEWPARK DRILLING FLUIDS L...

Last BOP Test	
Last Date	Days Until Next Check (da...
9/21/2022	18

Safety Meetings	
Date	Des
9/24/2022	Foward ops, Maintaining mud weight
9/24/2022	Foward ops, Maintaining mud weight

Casing Strings		
Csg Des	OD (in)	Set Depth (ftKB)
Conductor	20	92
Surface	13 3/8	1,327
Intermediate	9 5/8	11,570
Production	7	23,505

Mud Pumps		
1, Continental-Emsco, FA-1300		
Pump Rating (hp)	Stroke Length (in)	Rod Diameter (in)
1,600.0	12.01	2
Liner Size (in)	Vol/Stk (bbl/stk)	Eff (%)
6	0.100	95
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)
67	3,182.0	267

2, Continental-Emsco, FA-1300		
Pump Rating (hp)	Stroke Length (in)	Rod Diameter (in)
1,600.0	12.01	2
Liner Size (in)	Vol/Stk (bbl/stk)	Eff (%)
6	0.100	95
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)
67	3,182.0	267

3, Continental-Emsco, FA-1300		
Pump Rating (hp)	Stroke Length (in)	Rod Diameter (in)
1,600.0	12.01	2
Liner Size (in)	Vol/Stk (bbl/stk)	Eff (%)
6	0.100	95
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)
65	3,182.0	259

Formation Tops	
Formation Name	Prog Top (TVD) (ftKB)
Lamar	5,197.0
Bell Canyon SD	5,227.0
Cherry Canyon	6,150.0
Brushy Canyon	7,509.0
Bone Spring	8,614.0
1st Bone Lime	8,872.0
1st Bone Sand	9,654.0
2nd Bone Lime	10,139.0
2nd Bone Sand	10,372.0
3rd Bone Carbonate	10,534.0
3rd Bone Shale	10,912.0
3rd Bone Sand	11,194.0
WFMP_T	11,497.0
WFMP_A	11,642.0
WFMP_B	11,962.0
WFMP_C	12,363.0

Survey Data			
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)
23,368.0	91.03	162.01	12,055.9
23,446.6	91.03	161.43	12,054.5
23,463.0	91.03	161.31	12,054.2
23,500.0	90.99	161.83	12,053.6
23,535.0	90.99	161.83	12,053.0





UL DINO JUICE 18-40-45 WB3 13H  
Daily Drilling Report

Report Date: 9/26/2022  
AFE: O22TX-0048C  
API: 42475382540000  
LAT/LONG: 31.60694, -103.34490  
State: Texas County: Ward

Contractor: PRECISION DRILLING	Rig Number: 550	Phone: 432-263-9803	Email: pd550rig@pointep.com
KB-Ground Distance (ft): 20.00	Total NPT (hr): 12.00	Report Number: 14	Drilling Days (days): 6.46
End Depth (ftKB): 8,702	Footage (ft): 1,050	Drilling Hours (hr): 23.00	Avg ROP (ft/hr): 45.7

Daily Operations

Report Start 9/25/2022 06:00	Report End 9/26/2022 06:00
Operations at Report Time Drilling ahead @ 8,702'	Operations Next Report Period Continue drilling 12.25" section per plan.

Time Log

Start Time	End Time	Dur (hr)	Code 3	End Depth (ftKB)	Comment
06:00	17:30	11.50	DRILL	8,208	Drill 12.25" intermediate as per plan F/7,652' to 8,208'. No gains/losses
17:30	18:30	1.00	RIG SERV	8,208	Service rig and top drive while monitoring well. No gains/losses
18:30	06:00	11.50	DRILL	8,702	Drill 12.25" intermediate as per plan F/8,208' T/8,702'  Drilling hrs last 24: 23 Circulate hrs last 24: 0 Total Reaming hrs: 0 Total circulating hrs: 0 Total drilling hrs: 66 Total BHA hrs: 66 Downlniks last 24: 4 Total downlinks: 24

Drilling Details					
Depth Rotating (ft) 1,050.00		Rotating Hours (hr) 23.00	Rotating ROP (ft/hr) 45.7	% Rotating Time (%) 100.00	% Rotating Depth (%) 100.00
Depth Sliding (ft)		Sliding Hours (hr)	Sliding ROP (ft/hr)	% Sliding Time (%) 0.00	% Sliding Depth (%)

Mud Checks													
Type	Depth (ftKB)	Dens (lb/gal)	Vis (s/qt)	PV OR (cP)	YP OR (lb/100ft²)	Vis 6rpm	pH	Filtrate (mL/30min)	Solids (%)	LGS (%)	Elec Stab (V)	Chlor (mg/L)	OW Ratio
Salt Base	8,205	10.1	30	3.0	1.0	1	8.5		3.9	2.6		194,000	

Drill Strings									
BHA # 3, Bit Run 2. Intermediate RSS #2									
Size (in) 12 1/4	Make Reed	Model TKC66	SN A289566	Depth In (ftKB) 1,331.0	Depth Out (ft... 8,932.0	Depth Drilled... 7,601.00	Job Drill Hrs (hr) 85.00	Avg ROP (ft/hr) 89.4	
TFA (in") 0.76	Nozzles (1/32") 10/10/10/10/10/10/12/12			IADC Bit Dull 4-8-RO-S-X-1-BT-PR				Len (ft) 490.74	

Components				
Jts	Item Des			Len (ft)
1	RSS			8 1/4
1	Stabilizer 12"			2.75
1	UBHO sub			2.64
1	NMDC			3.25
1	NMPC			3.25
1	Stabilizer 12"			2.75
1	Filter Sub			5.38
1	Shock Sub			14.13
1	XO Sub Pin X Pin			3.00
1	Mud Motor			35.22
12	Drill Collar			3.00
1	XO Sub			3.00

Parameters											
Start Time	End Time	Start Depth (ftKB)	End Depth (ftKB)	Drill Time (hr)	WOB (1000lbf)	RPM (rpm)	Q Flow (gpm)	SPP (psi)	Drill Tq	dP (SPP) (psi)	Int ROP (ft/hr)
06:00	17:30	7,652	8,208	11.50	50	60	815	2,800	18	500	48.3
18:30	06:00	8,208	8,702	11.50	52	35	815	2,700	18	450	43.0

Daily Contacts				
Title	Company	Contact	Phone	Email
SVP Operations	Point Energy	Joel Acosta	405-441-4393	joela@pointep.com
Engineer	Crescent	Parker Cummings	956-693-0063	pcummings@cvmgmt.com
Rig supervisor	Crescent	Dave Hoggatt	307-660-5541	pd550rig@pointep.com
Rig supervisor	Crescent	Brian Friend	405-777-3433	pd550rig@pointep.com
Rig	Precision	PD 550	432-263-9803	pd550rig@pointep.com

Safety Incidents					
Time	Category	Type	Cause	Lost time?	Severity

Cost Summary	
Report Field Est (Cost) \$77,306	Cum Field Est (Cost) \$1,319,316
Total AFE (Cost) \$6,622,071	Cum Variance (Cost) \$5,302,755
Project Details	
Spud Date 8/11/2022	Rig Start Date 9/16/2022
Target Form WC-B	Target Depth (ftK... 23,256.0
	Target Depth (T... 12,026.0

Key Drilling Vendors	
Service Type	Service Company
Cementing	Halliburton Energy Services, Inc.
Directional	KLX ENERGY SERVICES LLC
Mud	NEWPARK DRILLING FLUIDS L...

Last BOP Test	
Last Date 9/21/2022	Days Until Next Check (da... 17

Safety Meetings	
Date	Des
9/25/2022	Foward ops, Commitment to safe work culture
9/25/2022	Foward ops, Commitment to safe work culture

Casing Strings		
Csg Des	OD (in)	Set Depth (ftKB)
Conductor	20	92
Surface	13 3/8	1,327
Intermediate	9 5/8	11,570
Production	7	23,505

Mud Pumps		
1, Continental-Emsco, FA-1300		
Pump Rating (hp) 1,600.0	Stroke Length (in) 12.01	Rod Diameter (in) 2
Liner Size (in) 6	Vol/Stk (bbl/stk) 0.997	Eff (%) 95
Strokes (spm) 67	Pressure (psi) 2,700.0	Flow Rate (gpm) 2,665
2, Continental-Emsco, FA-1300		
Pump Rating (hp) 1,600.0	Stroke Length (in) 12.01	Rod Diameter (in) 2
Liner Size (in) 6	Vol/Stk (bbl/stk) 0.997	Eff (%) 95
Strokes (spm) 67	Pressure (psi) 2,700.0	Flow Rate (gpm) 2,665
3, Continental-Emsco, FA-1300		
Pump Rating (hp) 1,600.0	Stroke Length (in) 12.01	Rod Diameter (in) 2
Liner Size (in) 6	Vol/Stk (bbl/stk) 0.997	Eff (%) 95
Strokes (spm) 65	Pressure (psi) 2,700.0	Flow Rate (gpm) 2,586

Formation Tops	
Formation Name	Prog Top (TVD) (ftKB)
Lamar	5,197.0
Bell Canyon SD	5,227.0
Cherry Canyon	6,150.0
Brushy Canyon	7,509.0
Bone Spring	8,614.0
1st Bone Lime	8,872.0
1st Bone Sand	9,654.0
2nd Bone Lime	10,139.0
2nd Bone Sand	10,372.0
3rd Bone Carbonate	10,534.0
3rd Bone Shale	10,912.0
3rd Bone Sand	11,194.0
WFMP_T	11,497.0
WFMP_A	11,642.0
WFMP_B	11,962.0
WFMP_C	12,363.0

Survey Data			
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)
23,368.0	91.03	162.01	12,055.9
23,446.6	91.03	161.43	12,054.5
23,463.0	91.03	161.31	12,054.2
23,500.0	90.99	161.83	12,053.6
23,535.0	90.99	161.83	12,053.0



UL DINO JUICE 18-40-45 WB3 13H  
Daily Drilling Report

Report Date: 9/27/2022  
AFE: O22TX-0048C  
API: 42475382540000  
LAT/LONG: 31.60694, -103.34490  
State: Texas County: Ward

Contractor: PRECISION DRILLING	Rig Number: 550	Phone: 432-263-9803	Email: pd550rig@pointep.com
KB-Ground Distance (ft): 20.00	Total NPT (hr): 12.00	Report Number: 15	Drilling Days (days): 7.46
End Depth (ftKB): 8,932	Footage (ft): 230	Drilling Hours (hr): 7.50	Avg ROP (ft/hr): 30.7

Daily Operations					
Report Start 9/26/2022 06:00				Report End 9/27/2022 06:00	
Operations at Report Time Downlink RSS				Operations Next Report Period Continue drilling 12.25" section as per plan.	
Time Log					
Start Time	End Time	Dur (hr)	Code 3	End Depth (ftKB)	Comment
06:00	13:30	7.50	DRILL	8,932	Drill 12.25" intermediate as per plan F/8,702' T/8,932'  Intermediate RSS #2 Drilling hrs last 24: 7.5 Circulate hrs last 24: 1.5 Total Reaming hrs: 0 Total circulating hrs: 1.5 Total drilling hrs: 73.5 Total BHA hrs: 75 Downlniks last 24: 4 Total downlinks: 24
13:30	15:00	1.50	CIRC	8,932	Pump sweep,circulate hole clean. Prep for TOH due to P-rate
15:00	21:30	6.50	TRIP	8,932	TOH due to P-rate, hole taking good fill.
21:30	22:00	0.50	SAFETY	8,932	PJSM, working BHA and sequence of operations.
22:00	22:30	0.50	RIG SERV	8,932	Rig Service and prep floor for BHA
22:30	23:00	0.50	TRIP	8,932	Stand back collars
23:00	01:00	2.00	DIRECTIONAL	8,932	Change out Bit, RSS, MWD, Mule shoe, and motor. Bit graded 4-8 RO, S, BT
01:00	05:30	4.50	TRIP	8,932	TIH with intermediate BHA #3, filling pipe every 30 stands
05:30	06:00	0.50	CIRC	8,932	Circulate and downlink RSS

Drilling Details				
Depth Rotating (ft)	Rotating Hours (hr)	Rotating ROP (ft/hr)	% Rotating Time (%)	% Rotating Depth (%)
230.00	7.50	30.7	100.00	100.00
Depth Sliding (ft)	Sliding Hours (hr)	Sliding ROP (ft/hr)	% Sliding Time (%)	% Sliding Depth (%)
			0.00	

Mud Checks													
Type	Depth (ftKB)	Dens (lb/gal)	Vis (s/qt)	PV OR (cP)	YP OR (lbf/100ft²)	Vis 6rpm	pH	Filtrate (mL/30min)	Solids (%)	LGS (%)	Elec Stab (V)	Chlor (mg/L)	OW Ratio
Salt Base	8,932	10.1	32	3.0		1	8.0		3.9	2.6		198,000	

Drill Strings									
BHA # 3, Bit Run 2. Intermediate RSS #2									
Size (in)	Make	Model	SN	Depth In (ftKB)	Depth Out (ft...)	Depth Drilled...	Job Drill Hrs (hr)	Avg ROP (ft/hr)	
12 1/4	Reed	TKC66	A289566	1,331.0	8,932.0	7,601.00	85.00	89.4	
TFA (in")	Nozzles (1/32")	IADC Bit Dull			Len (ft)				
0.76	10/10/10/10/10/10/12/12	4-8-RO-S-X-1-BT-PR			490.74				

Components				
Jts	Item Des	OD (in)	ID (in)	Len (ft)
1	RSS	8 1/4		13.92
1	Stabilizer 12"	8	2.75	7.34
1	UBHO sub	8		2.64
1	NMDC	8	3.25	28.19
1	NMPC	8	3.25	14.63
1	Stabilizer 12"	8	2.75	5.17
1	Filter Sub	8		5.38
1	Shock Sub	8		14.13
1	XO Sub Pin X Pin	8	3.00	1.04
1	Mud Motor	8		35.22
12	Drill Collar	8	3.00	360.04
1	XO Sub	8	3.00	2.04

Parameters											
Start Time	End Time	Start Depth (ftKB)	End Depth (ftKB)	Drill Time (hr)	WOB (1000lbf)	RPM (rpm)	Q Flow (gpm)	SPP (psi)	Drill Tq	dP (SPP) (psi)	Int ROP (ft/hr)
06:00	13:30	8,702	8,932	7.50	52	35	815	2,650	18	350	30.7
BHA # 4, Bit Run 3. Intermediate RSS #3											
Size (in) 12 1/4	Make Ulterra	Model CF716	SN 61197	Depth In (ftKB) 8,932.0	Depth Out (ft...) 9,500.0	Depth Drilled... 568.00	Job Drill Hrs (hr) 13.50	Avg ROP (ft/hr) 42.1			
TFA (in²) 0.75	Nozzles (1/32") 11/12/12/12/12/12/12			IADC Bit Dull 8-1-CR-N-X-0-NO-PR				Len (ft) 490.77			

Components				
Jts	Item Des	OD (in)	ID (in)	Len (ft)
1	RSS	8 1/4		13.68
1	Stabilizer 12"	8	2.75	7.34
1	UBHO sub	8		2.64
1	NMDC	8	3.25	28.19
1	NMPC	8	3.25	14.63
1	Stabilizer 12"	8	2.75	5.17
1	Filter Sub	8		5.38
1	Shock Sub	8		14.13
1	XO Sub Pin X Pin	8	3.00	1.04
1	Mud Motor	8		35.49
12	Drill Collar	8	3.00	360.04

Cost Summary	
Report Field Est (Cost)	Cum Field Est (Cost)
\$118,376	\$1,437,692
Total AFE (Cost)	Cum Variance (Cost)
\$6,622,071	\$5,184,379

Project Details		
Spud Date	Rig Start Date	
8/11/2022	9/16/2022	
Target Form	Target Depth (ftK...)	Target Depth (T...
WC-B	23,256.0	12,026.0

Key Drilling Vendors	
Service Type	Service Company
Cementing	Halliburton Energy Services, Inc.
Directional	KLX ENERGY SERVICES LLC
Mud	NEWPARK DRILLING FLUIDS L...

Last BOP Test	
Last Date	Days Until Next Check (da...
9/21/2022	16

Safety Meetings	
Date	Des
9/26/2022	Foward ops, Being aware of hazards related to simops.
9/26/2022	PJSM, Tripping pipe
9/26/2022	Foward ops, Tripping pipe
9/26/2022	PJSM, Working BHA

Casing Strings		
Csg Des	OD (in)	Set Depth (ftKB)
Conductor	20	92
Surface	13 3/8	1,327
Intermediate	9 5/8	11,570
Production	7	23,505

Mud Pumps		
1, Continental-Emsco, FA-1300		
Pump Rating (hp)	Stroke Length (in)	Rod Diameter (in)
1,600.0	12.01	2
Liner Size (in)	Vol/Stk (bbl/stk)	Eff (%)
6	0.997	95
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)
67	2,650.0	2,665

2, Continental-Emsco, FA-1300		
Pump Rating (hp)	Stroke Length (in)	Rod Diameter (in)
1,600.0	12.01	2
Liner Size (in)	Vol/Stk (bbl/stk)	Eff (%)
6	0.997	95
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)
67	2,650.0	2,665
3, Continental-Emsco, FA-1300		
Pump Rating (hp)	Stroke Length (in)	Rod Diameter (in)
1,600.0	12.01	2
Liner Size (in)	Vol/Stk (bbl/stk)	Eff (%)
6	0.997	95
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)
65	3,650.0	2,586

Formation Tops	
Formation Name	Prog Top (TVD) (ftKB)
Lamar	5,197.0
Bell Canyon SD	5,227.0
Cherry Canyon	6,150.0
Brushy Canyon	7,509.0
Bone Spring	8,614.0
1st Bone Lime	8,872.0
1st Bone Sand	9,654.0
2nd Bone Lime	10,139.0
2nd Bone Sand	10,372.0
3rd Bone Carbonate	10,534.0
3rd Bone Shale	10,912.0
3rd Bone Sand	11,194.0
WFMP_T	11,497.0
WFMP_A	11,642.0
WFMP_B	11,962.0
WFMP_C	12,363.0

Survey Data			
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)
23,368.0	91.03	162.01	12,055.9
23,446.6	91.03	161.43	12,054.5
23,463.0	91.03	161.31	12,054.2
23,500.0	90.99	161.83	12,053.6



UL DINO JUICE 18-40-45 WB3 13H  
Daily Drilling Report

Contractor: PRECISION DRILLING	Rig Number: 550	Phone: 432-263-9803	Email: pd550rig@pointep.com
KB-Ground Distance (ft): 20.00	Total NPT (hr): 12.00	Report Number: 15	Drilling Days (days): 7.46
End Depth (ftKB): 8,932	Footage (ft): 230	Drilling Hours (hr): 7.50	Avg ROP (ft/hr): 30.7

Components											
Jts	Item Des							OD (in)	ID (in)	Len (ft)	
1	XO Sub							8	3.00	2.04	

Parameters											
Start Time	End Time	Start Depth (ftKB)	End Depth (ftKB)	Drill Time (hr)	WOB (1000lbf)	RPM (rpm)	Q Flow (gpm)	SPP (psi)	Drill Tq	dP (SPP) (psi)	Int ROP (ft/hr)

Daily Contacts				
Title	Company	Contact	Phone	Email
SVP Operations	Point Energy	Joel Acosta	405-441-4393	joela@pointep.com
Engineer	Crescent	Parker Cummings	956-693-0063	pcummings@cvmgmt.com
Rig supervisor	Crescent	Dave Hoggatt	307-660-5541	pd550rig@pointep.com
Rig supervisor	Crescent	Brian Friend	405-777-3433	pd550rig@pointep.com
Rig	Precision	PD 550	432-263-9803	pd550rig@pointep.com

Safety Incidents					
Time	Category	Type	Cause	Lost time?	Severity

Survey Data			
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)
23,535.0	90.99	161.83	12,053.0



# Daily Drilling Report

**State: Texas    County: Ward**

<b>Contractor:</b> PRECISION DRILLING	<b>Rig Number:</b> 550	<b>Phone:</b> 432-263-9803	<b>Email:</b> pd550rig@pointep.com
<b>KB-Ground Distance (ft):</b> 20.00	<b>Total NPT (hr):</b> 12.00	<b>Report Number:</b> 16	<b>Drilling Days (days):</b> 8.46
<b>End Depth (ftKB):</b> 9,500	<b>Footage (ft):</b> 568	<b>Drilling Hours (hr):</b> 13.50	<b>Avg ROP (ft/hr):</b> 42.1

Daily Operations					
Report Start 9/27/2022 06:00			Report End 9/28/2022 06:00		
Operations at Report Time TIH with directional assembly			Operations Next Report Period Drill 12.25" intermediate as per plan.		
Time Log					
Start Time	End Time	Dur (hr)	Code 3	End Depth (ftKB)	Comment
06:00	19:30	13.50	DRILL	9,500	Drill 12.25" intermediate as per plan F/8,932' to 9,500'.  Intermediate RSS #3 Drilling hrs last 24: 13.50 Circulate hrs last 24: 2.0 Total Reaming hrs: 0 Total circulating hrs: 2.0 Total drilling hrs: 13.5 Total BHA hrs: 15.5 Downlniks last 24: 6 Total downlinks: 6
19:30	20:00	0.50	RIG SERV	9,500	Service rig.
20:00	22:00	2.00	CIRC	9,500	Send sweeps circulate hole clean and prep to TOH
22:00	03:00	5.00	TRIP	9,500	TOH due to p-rate. Hole taking good fill.
03:00	03:30	0.50	TRIP	9,500	Rack back collars
03:30	04:00	0.50	RIG SERV	9,500	Sevice rig and prep for BHA
04:00	06:00	2.00	DIRECTIONAL	9,500	Work BHA. Found bit to be cored 8-1-CR-N. A visual inspection of the RSS and BHA showed no abnormal signs of wear, the pad hinges were tight. We changed the bit to a TKC76 and ran in with the same BHA

Drilling Details				
Depth Rotating (ft) 568.00	Rotating Hours (hr) 13.50	Rotating ROP (ft/hr) 42.1	% Rotating Time (%) 100.00	% Rotating Depth (%) 100.00
Depth Sliding (ft)	Sliding Hours (hr)	Sliding ROP (ft/hr)	% Sliding Time (%) 0.00	% Sliding Depth (%)

Mud Checks													
Type	Depth (ftKB)	Dens (lb/gal)	Vis (s/qt)	PV OR (cP)	YP OR (lb/100ft²)	Vis 6rpm	pH	Filtrate (mL/30min)	Solids (%)	LGS (%)	Elec Stab (V)	Chlor (mg/L)	OW Ratio
Salt Base	9,467	10.1	32	2.0	1.0	1	8.0		3.9	2.6		184,000	

Drill Strings								
BHA # 4, Bit Run 3. Intermediate RSS #3								
Size (in)	Make	Model	SN	Depth In (ftKB)	Depth Out (ft...	Depth Drilled...	Job Drill Hrs (hr)	Avg ROP (ft/hr)
12 1/4	Ultrerra	CF716	61197	8,932.0	9,500.0	568.00	13.50	42.1
TFA (in <sup>2</sup> )	Nozzles (1/32")			IADC Bit Dull				Len (ft)
0.75	11/12/12/12/12/12			8-1-CR-N-X-0-NO-PR				490.77

Components				
Jts	Item Des	OD (in)	ID (in)	Len (ft)
1	RSS	8 1/4		13.68
1	Stabilizer 12"	8	2.75	7.34
1	UBHO sub	8		2.64
1	NMDC	8	3.25	28.19
1	NMPC	8	3.25	14.63
1	Stabilizer 12"	8	2.75	5.17
1	Filter Sub	8		5.38
1	Shock Sub	8		14.13
1	XO Sub Pin X Pin	8	3.00	1.04
1	Mud Motor	8		35.49
12	Drill Collar	8	3.00	360.04
1	XO Sub	8	3.00	2.04

Parameters											
Start Time	End Time	Start Depth (ftKB)	End Depth (ftKB)	Drill Time (hr)	WOB (1000lbf)	RPM (rpm)	Q Flow (gpm)	SPP (psi)	Drill Tq	dP (SPP) (psi)	Int ROP (ft/hr)
06:00	19:30	8,932	9,500	13.50	45	50	800	2,600	15	350	42.1

Daily Contacts				
Title	Company	Contact	Phone	Email
SVP Operations	Point Energy	Joel Acosta	405-441-4393	joela@pointep.com
Engineer	Crescent	Parker Cummings	956-693-0063	pcummings@cvmmgmt.com
Rig supervisor	Crescent	Dave Hoggatt	307-660-5541	pd550rig@pointep.com
Rig supervisor	Crescent	Brian Friend	405-777-3433	pd550rig@pointep.com
Rig	Precision	PD 550	432-263-9803	pd550rig@pointep.com

Safety Incidents					
Time	Category	Type	Cause	Lost time?	Severity

Cost Summary	
Report Field Est (Cost) \$211,033	Cum Field Est (Cost) \$1,648,725
Total AFE (Cost) \$6,622,071	Cum Variance (Cost) \$4,973,346

Project Details		
Spud Date 8/11/2022	Rig Start Date 9/16/2022	
Target Form WC-B	Target Depth (ftK... 23,256.0	Target Depth (T... 12,026.0

Key Drilling Vendors	
Service Type	Service Company
Cementing	Halliburton Energy Services, Inc.
Directional	KLX ENERGY SERVICES LLC
Mud	NEWPARK DRILLING FLUIDS L...

Last BOP Test	
Last Date 9/21/2022	Days Until Next Check (da... 15

Safety Meetings	
Date	Des
9/27/2022	Foward ops, Drilling ahead/House keeping
9/27/2022	Foward ops, Tripping pipe

Casing Strings		
Csg Des	OD (in)	Set Depth (ftKB)
Conductor	20	92
Surface	13 3/8	1,327
Intermediate	9 5/8	11,570
Production	7	23,505

Mud Pumps		
1, Continental-Emsco, FA-1300		
Pump Rating (hp)	Stroke Length (in)	Rod Diameter (in)
1,600.0	12.01	2
Liner Size (in)	Vol/Stk (bbl/stk)	Eff (%)
6	0.997	95
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)
67	2,600.0	2,665

<b>2, Continental-Emsco, FA-1300</b>		
Pump Rating (hp) 1,600.0	Stroke Length (in) 12.01	Rod Diameter (in) 2
Liner Size (in) 6	Vol/Stk (bbl/stk) 0.997	Eff (%) 95
Strokes (spm) 67	Pressure (psi) 2,600.0	Flow Rate (gpm) 2,665

Pump Rating (hp)	Stroke Length (in)	Rod Diameter (in)
1,600.0	12.01	2
Liner Size (in)	Vol/Stk (bbl/stk)	Eff (%)
6	0.997	95
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)
65	2,600.0	2,586

Formation Tops	
Formation Name	Prog Top (TVD) (ftKB)
Lamar	5,197.0
Bell Canyon SD	5,227.0
Cherry Canyon	6,150.0
Brushy Canyon	7,509.0
Bone Spring	8,614.0
1st Bone Lime	8,872.0
1st Bone Sand	9,654.0
2nd Bone Lime	10,139.0
2nd Bone Sand	10,372.0
3rd Bone Carbonate	10,534.0
3rd Bone Shale	10,912.0
3rd Bone Sand	11,194.0
WFMP_T	11,497.0
WFMP_A	11,642.0
WFMP_B	11,962.0
WFMP_C	12,363.0

Survey Data			
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)
23,368.0	91.03	162.01	12,055.9
23,446.6	91.03	161.43	12,054.5
23,463.0	91.03	161.31	12,054.2
23,500.0	90.99	161.83	12,053.6
23,535.0	90.99	161.83	12,053.0





# Daily Drilling Report

**State: Texas    County: Ward**

<b>Contractor:</b> PRECISION DRILLING	<b>Rig Number:</b> 550	<b>Phone:</b> 432-263-9803	<b>Email:</b> pd550rig@pointep.com
<b>KB-Ground Distance (ft):</b> 20.00	<b>Total NPT (hr):</b> 22.50	<b>Report Number:</b> 17	<b>Drilling Days (days):</b> 9.46
<b>End Depth (ftKB):</b> 9,848	<b>Footage (ft):</b> 348	<b>Drilling Hours (hr):</b> 6.00	<b>Avg ROP (ft/hr):</b> 58.0

Daily Operations					
Report Start 9/28/2022 06:00				Report End 9/29/2022 06:00	
Operations at Report Time Tripping in the hole.				Operations Next Report Period Finish the trip in, drill 12.25" intermediate section.	
Time Log					
Start Time	End Time	Dur (hr)	Code 3	End Depth (ftKB)	Comment
06:00	13:00	7.00	TRIP	9,500	Trip in hole F/BHA to 9,500' washing last stand to bottom. No excess drag. Hole displacing correct amount of fluid.
13:00	13:30	0.50	DIRECTIONAL	9,500	Downlink RSS to MTF 180° with 75% pad force.
13:30	19:30	6.00	DRILL	9,848	Drill 12.25" Intermediate F/9,500' to 9,848'.  Intermediate RSS #4 Drilling hrs last 24: 6 Circulate hrs last 24: 1.5 Total Reaming hrs: 0 Total circulating hrs: 3.5 Total drilling hrs: 19.5 Total BHA hrs: 23 Downlniks last 24: 3 Total downlinks: 9
19:30	20:30	1.00	CIRC	9,848	Sweep hole clean, prep for TOH.
20:30	21:00	0.50	RIG SERV	9,848	Service rig
21:00	02:00	5.00	TRIP	9,848	TOH F/9,848' T/ BHA, due to RSS not responding
02:00	04:30	2.50	DIRECTIONAL	9,848	Work BHA. Bit showed no sign of wear, re-ran.Lay down RSS, pick up new RSS. Changed out MWD tool as well as mule shoe. Test MWD tool, good test.
04:30	06:00	1.50	TRIP	9,848	TIH with 12.25" RSS BHA. F/BHA T/800'

Drilling Details				
Depth Rotating (ft) 348.00	Rotating Hours (hr) 6.00	Rotating ROP (ft/hr) 58.0	% Rotating Time (%) 100.00	% Rotating Depth (%) 100.00
Depth Sliding (ft)	Sliding Hours (hr)	Sliding ROP (ft/hr)	% Sliding Time (%) 0.00	% Sliding Depth (%)

Mud Checks													
Type	Depth (ft/KB)	Dens (lb/gal)	Vis (s/qt)	PV OR (cP)	YP OR (lb/100ft²)	Vis 6rpm	pH	Filtrate (mL/30min)	Solids (%)	LGS (%)	Elec Stab (V)	Chlor (mg/L)	OW Ratio
Salt Base	9,760	10.1	31	2.0	1.0	1	10.2		3.9	2.6		178,000	

Drill Strings								
BHA # 5, Bit Run 4. Intermediate RSS #4								
Size (in)	Make	Model	SN	Depth In (ftKB)	Depth Out (ft...)	Depth Drilled...	Job Drill Hrs (hr)	Avg ROP (ft/hr)
12 1/4	Reed	TKC76	A291830	9,500.0	10,889.0	1,389.00	31.50	44.1
TFA (in²) 0.76	Nozzles (1/32") 12/12/12/12/12/12/12			IADC Bit Dull --NO-A-X-0-NO-DTF			Len (ft) 490.77	

Components				
Jts	Item Des	OD (in)	ID (in)	Len (ft)
1	RSS	8 1/4		13.68
1	Stabilizer 12"	8	2.75	7.34
1	UBHO sub	8		2.64
1	NMDC	8	3.25	28.19
1	NMPC	8	3.25	14.63
1	Stabilizer 12"	8	2.75	5.17
1	Filter Sub	8		5.38
1	Shock Sub	8		14.13
1	XO Sub Pin X Pin	8	3.00	1.04
1	Mud Motor	8		35.49
12	Drill Collar	8	3.00	360.04
1	XO Sub	8	3.00	2.04

Parameters											
Start Time	End Time	Start Depth (ftKB)	End Depth (ftKB)	Drill Time (hr)	WOB (1000lbf)	RPM (rpm)	Q Flow (gpm)	SPP (psi)	Drill Tq	dP (SPP) (psi)	Int ROP (ft/hr)
13:30	19:30	9,500	9,848	6.00	43	45	800	3,115	21	670	58.0

Daily Contacts				
Title	Company	Contact	Phone	Email
SVP Operations	Point Energy	Joel Acosta	405-441-4393	joela@pointep.com
Engineer	Crescent	Parker Cummings	956-693-0063	pcummings@cvmmgmt.com
Rig supervisor	Crescent	Dave Hoggatt	307-660-5541	pd550rig@pointep.com
Rig supervisor	Crescent	Brian Friend	405-777-3433	pd550rig@pointep.com
Rig	Precision	PD 550	432-263-9803	pd550rig@pointep.com

Safety Incidents					
Time	Category	Type	Cause	Last time?	Severity

Cost Summary	
Report Field Est (Cost)	Cum Field Est (Cost)
\$99,278	\$1,748,002
Total AFE (Cost)	Cum Variance (Cost)
\$6,622,071	\$4,874,069

Project Details		
Spud Date 8/11/2022	Rig Start Date 9/16/2022	
Target Form WC-B	Target Depth (ftK... 23,256.0	Target Depth (T... 12,026.0

Key Drilling Vendors	
Service Type	Service Company
Cementing	Halliburton Energy Services, Inc.
Directional	KLX ENERGY SERVICES LLC
Mud	NEWPARK DRILLING FLUIDS L...

Last BOP Test	
Last Date 9/21/2022	Days Until Next Check (da... 14

Safety Meetings	
Date	Des
9/28/2022	Foward ops, Making connection
9/28/2022	Foward ops, Drops inspection

Csg Des	OD (in)	Set Depth (ftKB)
Conductor	20	92
Surface	13 3/8	1,327
Intermediate	9 5/8	11,570
Production	7	23,505

Mud Pumps		
<b>1, Continental-Emsco, FA-1300</b>		
Pump Rating (hp) 1,600.0	Stroke Length (in) 12.01	Rod Diameter (in) 2
Liner Size (in) 6	Vol/Stk (bbl/stk) 0.997	Eff (%) 95
Strokes (spm) 67	Pressure (psi) 3,040.0	Flow Rate (gpm) 2,665

2, Continental-Emsco, FA-1300		
Pump Rating (hp) 1,600.0	Stroke Length (in) 12.01	Rod Diameter (in) 2
Liner Size (in) 6	Vol/Stk (bbl/stk) 0.997	Eff (%) 95
Strokes (spm) 67	Pressure (psi) 3,040.0	Flow Rate (gpm) 2.665

3, Continental-Emsco, FA-1300		
Pump Rating (hp)	Stroke Length (in)	Rod Diameter (in)
1,600.0	12.01	2
Liner Size (in)	Vol/Stk (bbl/stk)	Eff (%)
6	0.997	95
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)
65	3,040.0	2.586

Formation Tops	
Formation Name	Prog Top (TVD) (ftKB)
Lamar	5,197.0
Bell Canyon SD	5,227.0
Cherry Canyon	6,150.0
Brushy Canyon	7,509.0
Bone Spring	8,614.0
1st Bone Lime	8,872.0
1st Bone Sand	9,654.0
2nd Bone Lime	10,139.0
2nd Bone Sand	10,372.0
3rd Bone Carbonate	10,534.0
3rd Bone Shale	10,912.0
3rd Bone Sand	11,194.0
WFMP_T	11,497.0
WFMP_A	11,642.0
WFMP_B	11,962.0
WFMP_C	12,363.0

Survey Data			
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)
23,368.0	91.03	162.01	12,055.9
23,446.6	91.03	161.43	12,054.5
23,463.0	91.03	161.31	12,054.2
23,500.0	90.99	161.83	12,053.6
23,535.0	90.99	161.83	12,053.0





# Daily Drilling Report

**State: Texas    County: Ward**

<b>Contractor:</b> PRECISION DRILLING	<b>Rig Number:</b> 550	<b>Phone:</b> 432-263-9803	<b>Email:</b> pd550rig@pointep.com
<b>KB-Ground Distance (ft):</b> 20.00	<b>Total NPT (hr):</b> 29.00	<b>Report Number:</b> 18	<b>Drilling Days (days):</b> 10.46
<b>End Depth (ftKB):</b> 10,680	<b>Footage (ft):</b> 832	<b>Drilling Hours (hr):</b> 16.50	<b>Avg ROP (ft/hr):</b> 50.4

Daily Operations					
Report Start 9/29/2022 06:00			Report End 9/30/2022 06:00		
Operations at Report Time Drilling ahead @ 10,680'			Operations Next Report Period Drill 12.25" intermediate section.		
Time Log					
Start Time	End Time	Dur (hr)	Code 3	End Depth (ftKB)	Comment
06:00	12:30	6.50	TRIP	9,848	TIH F/800' T/9,848', Hole displacing good. Safety wash and ream last 100'.
12:30	17:30	5.00	DRILL	10,134	Drill 12.25" Intermediate F/9,848' T/10,134'.
17:30	18:30	1.00	RIG SERV	10,134	Service rig and top drive
18:30	06:00	11.50	DRILL	10,680	Drill 12.25" Intermediate F/10,134' T/10,680'.  Intermediate RSS #5 Drilling hrs last 24: 16.5 Circulate hrs last 24: 0 Total Reaming hrs: 0 Total circulating hrs: 0 Total drilling hrs: 16.5 Total BHA hrs: 16.5 Downlniks last 24: 4 Total downlinks: 4

Drilling Details				
Depth Rotating (ft) 832.00	Rotating Hours (hr) 16.50	Rotating ROP (ft/hr) 50.4	% Rotating Time (%) 100.00	% Rotating Depth (%) 100.00
Depth Sliding (ft)	Sliding Hours (hr)	Sliding ROP (ft/hr)	% Sliding Time (%) 0.00	% Sliding Depth (%)

Mud Checks													
Type	Depth (ftKB)	Dens (lb/gal)	Vis (s/qt)	PV OR (cP)	YP OR (lb/100ft²)	Vis 6rpm	pH	Filtrate (mL/30min)	Solids (%)	LGS (%)	Elec Stab (V)	Chlor (mg/L)	OW Ratio
Salt Base	10,156	10.1	30	2.0	1.0	1	10.0		3.9	2.6		174,000	

Drill Strings								
BHA # 6, Bit Run 4. Intermediate RSS #5								
Size (in) 12 1/4	Make Reed	Model TKC76	SN A291830	Depth In (ftKB) 9,500.0	Depth Out (ft... 10,889.0	Depth Drilled... 1,389.00	Job Drill Hrs (hr) 31.50	Avg ROP (ft/hr) 44.1
TFA (in <sup>2</sup> ) 0.76	Nozzles (1/32") 12/12/12/12/12/12			IADC Bit Dull 8-2-CR-N-X-2-WT-PR			Len (ft) 490.84	

Components				
Jts	Item Des	OD (in)	ID (in)	Len (ft)
1	RSS	8 1/4		13.75
1	Stabilizer 12"	8	2.75	7.34
1	UBHO sub	8		2.64
1	NMDC	8	3.25	28.19
1	NMPC	8	3.25	14.63
1	Stabilizer 12"	8	2.75	5.17
1	Filter Sub	8		5.38
1	Shock Sub	8		14.13
1	XO Sub Pin X Pin	8	3.00	1.04
1	Mud Motor	8		35.49
12	Drill Collar	8	3.00	360.04
1	XO Sub	8	3.00	2.04

Parameters											
Start Time	End Time	Start Depth (ftKB)	End Depth (ftKB)	Drill Time (hr)	WOB (1000lbf)	RPM (rpm)	Q Flow (gpm)	SPP (psi)	Drill Tq	dP (SPP) (psi)	Int ROP (ft/hr)
12:30	17:30	9,848	10,134	5.00	35	80	800	2,600	18	360	57.2
18:30	06:00	10,134	10,680	11.50	30	80	840	2,900	17	270	47.5

Daily Contacts				
Title	Company	Contact	Phone	Email
SVP Operations	Point Energy	Joel Acosta	405-441-4393	joela@pointep.com
Engineer	Crescent	Parker Cummings	956-693-0063	pcummings@cvmmgmt.com
Rig supervisor	Crescent	Dave Hoggatt	307-660-5541	pd550rig@pointep.com
Rig supervisor	Crescent	Brian Friend	405-777-3433	pd550rig@pointep.com
Rig	Precision	PD 550	432-263-9803	pd550rig@pointep.com

Safety Incidents					
Time	Category	Type	Cause	Lost time?	Severity

Cost Summary	
Report Field Est (Cost) \$139,844	Cum Field Est (Cost) \$1,887,846
Total AFE (Cost) \$6,622,071	Cum Variance (Cost) \$4,734,225

Project Details		
Spud Date 8/11/2022	Rig Start Date 9/16/2022	
Target Form WC-B	Target Depth (ftK... 23,256.0	Target Depth (T... 12,026.0

Key Drilling Vendors	
Service Type	Service Company
Cementing	Halliburton Energy Services, Inc.
Directional	KLX ENERGY SERVICES LLC
Mud	NEWPARK DRILLING FLUIDS L...

Last BOP Test	
Last Date 9/21/2022	Days Until Next Check (da... 13

Safety Meetings	
Date	Des
9/29/2022	Foward ops, Housekeeping
9/29/2022	Foward ops, Organizing location

Casing Strings		
Csg Des	OD (in)	Set Depth (ftKB)
Conductor	20	92
Surface	13 3/8	1,327
Intermediate	9 5/8	11,570
Production	7	23,505

Mud Pumps		
1, Continental-Emsco, FA-1300		
Pump Rating (hp)	Stroke Length (in)	Rod Diameter (in)
1,600.0	12.01	2
Liner Size (in)	Vol/Stk (bbl/stk)	Eff (%)
6	0.997	95
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)
67	2,900.0	2.665

2, Continental-Emsco, FA-1300		
Pump Rating (hp) 1,600.0	Stroke Length (in) 12.01	Rod Diameter (in) 2
Liner Size (in) 6	Vol/Stk (bbl/stk) 0.997	Eff (%) 95
Strokes (spm) 67	Pressure (psi) 2,900.0	Flow Rate (gpm) 2.665

3, Continental-Emsco, FA-1300		
Pump Rating (hp) 1,600.0	Stroke Length (in) 12.01	Rod Diameter (in) 2
Liner Size (in) 6	Vol/Stk (bbl/stk) 0.997	Eff (%) 95
Strokes (spm) 65	Pressure (psi) 2,900.0	Flow Rate (gpm) 2,586

Formation Tops	
Formation Name	Prog Top (TVD) (ftKB)
Lamar	5,197.0
Bell Canyon SD	5,227.0
Cherry Canyon	6,150.0
Brushy Canyon	7,509.0
Bone Spring	8,614.0
1st Bone Lime	8,872.0
1st Bone Sand	9,654.0
2nd Bone Lime	10,139.0
2nd Bone Sand	10,372.0
3rd Bone Carbonate	10,534.0
3rd Bone Shale	10,912.0
3rd Bone Sand	11,194.0
WFMP_T	11,497.0
WFMP_A	11,642.0
WFMP_B	11,962.0
WFMP_C	12,363.0

Survey Data			
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)
23,368.0	91.03	162.01	12,055.9
23,446.6	91.03	161.43	12,054.5
23,463.0	91.03	161.31	12,054.2
23,500.0	90.99	161.83	12,053.6
23,535.0	90.99	161.83	12,053.0



# Daily Drilling Report

**AFE: O22TX-0048C**

**API: 42475382540000**

**LAT/LONG: 31.60694, -103.34490**

**State: Texas    County: Ward**

<b>Contractor:</b> PRECISION DRILLING	<b>Rig Number:</b> 550	<b>Phone:</b> 432-263-9803	<b>Email:</b> pd550rig@pointep.com
<b>KB-Ground Distance (ft):</b> 20.00	<b>Total NPT (hr):</b> 29.00	<b>Report Number:</b> 19	<b>Drilling Days (days):</b> 11.46
<b>End Depth (ftKB):</b> 10,889	<b>Footage (ft):</b> 209	<b>Drilling Hours (hr):</b> 9.00	<b>Avg ROP (ft/hr):</b> 23.2

Report Start 9/30/2022 06:00	Report End 10/1/2022 06:00
Operations at Report Time Tripping in the hole.	Operations Next Report Period Finish the trip in, drill 12.25" intermediate section.

Start Time	End Time	Dur (hr)	Code 3	End Depth (ftKB)	Comment
06:00	15:00	9.00	DRILL	10,889	Drill 12.25" Intermediate F/10,680' T/10,889'.  Intermediate RSS #5 Drilling hrs last 24: 9 Circulate hrs last 24: 2 Total Reaming hrs: 0 Total circulating hrs: 0 Total drilling hrs: 25.5 Total BHA hrs: 27.5 Downlniks last 24: 1 Total downlinks: 5
15:00	15:30	0.50	RIG SERV	10,889	Service rig
15:30	17:30	2.00	CIRC	10,889	Sweep and circulate hole clean. Flow check, no flow.
17:30	00:30	7.00	TRIP	10,889	TOH for p-rate F/10,889' T/BHA, hole taking good fill.
00:30	04:30	4.00	DIRECTIONAL	10,889	Lay down RSS BHA and pick up conventional BHA as follows: CF716, Motor (7/8 5.9 ABH @ 1.83° 0.155 rpg 1,390 max diff) UBHO, NMDC, NMPC, shock sub, Drill collars, X/O. Test MWD tool, test good. Make up bit.  Bit graded:8-2, CO, PR
04:30	06:00	1.50	TRIP	10,889	TIH with conventional BHA F/BHA T/1,000'

Depth Rotating (ft) 209.00	Rotating Hours (hr) 9.00	Rotating ROP (ft/hr) 23.2	% Rotating Time (%) 100.00	% Rotating Depth (%) 100.00
Depth Sliding (ft)	Sliding Hours (hr)	Sliding ROP (ft/hr)	% Sliding Time (%) 0.00	% Sliding Depth (%)

Type	Depth (ftKB)	Dens (lb/gal)	Vis (s/qt)	PV OR (cP)	YP OR (lbf/100ft²)	Vis 6rpm	pH	Filtrate (mL/30min)	Solids (%)	LGS (%)	Elec Stab (V)	Chlor (mg/L)	OW Ratio
Salt Base	10.889	10.1	30	2.0	1.0	1	9.5		3.9	2.6		186,000	

Size (in) 12 1/4	Make Reed	Model TKC76	SN A291830	Depth In (ft@K) 9,500.0	Depth Out (ft...) 10,889.0	Depth Drilled... 1,389.00	Job Drill Hrs (hr) 31.50	Avg ROP (ft/hr) 44.1
TFA (in²) 0.76	Nozzles (1/32") 12/12/12/12/12/12/12			IADC Bit Dull 8-2-CR-N-X-2-WT-PR				Len (ft) 490.84

Jts	Item Des	OD (in)	ID (in)	Len (ft)
1	RSS	8 1/4		13.75
1	Stabilizer 12"	8	2.75	7.34
1	UBHO sub	8		2.64
1	NMDC	8	3.25	28.19
1	NMPC	8	3.25	14.63
1	Stabilizer 12"	8	2.75	5.17
1	Filter Sub	8		5.38
1	Shock Sub	8		14.13
1	XO Sub Pin X Pin	8	3.00	1.04
1	Mud Motor	8		35.49
12	Drill Collar	8	3.00	360.04
1	XO Sub	8	3.00	2.04

Start Time	End Time	Start Depth (ftKB)	End Depth (ftKB)	Drill Time (hr)	WOB (1000lbf)	RPM (rpm)	Q Flow (gpm)	SPP (psi)	Drill Tq	dP (SPP) (psi)	Int ROP (ft/hr)
06:00	15:00	10,680	10,889	9.00	30	80	840	2,900	17	270	23.2

Title	Company	Contact	Phone	Email
SVP Operations	Point Energy	Joel Acosta	405-441-4393	joela@pointep.com
Engineer	Crescent	Parker Cummings	956-693-0063	pcummings@cvmmgmt.com
Rig supervisor	Crescent	Dave Hoggatt	307-660-5541	pd550rig@pointep.com
Rig supervisor	Crescent	Brian Friend	405-777-3433	pd550rig@pointep.com
Rig	Precision	PD 550	432-263-9803	pd550rig@pointep.com

Time	Category	Type	Cause	Lost time?	Severity

Report Field Est (Cost)	Cum Field Est (Cost)
\$122,473	\$2,010,319
Total AFE (Cost)	Cum Variance (Cost)
\$6,622,071	\$4,611,752

Spud Date 8/11/2022	Rig Start Date 9/16/2022	
Target Form WC-B	Target Depth (ftK... 23,256.0	Target Depth (T... 12,026.0

Service Type	Service Company
Cementing	Halliburton Energy Services, Inc.
Directional	KLX ENERGY SERVICES LLC
Mud	NEWPARK DRILLING FLUIDS L...

Last Date	Days Until Next Check (da...
9/21/2022	12

Date	Des
9/30/2022	Foward ops, Conducting tours for visitors
9/30/2022	Foward ops, Working with welder

Csg Des	OD (in)	Set Depth (ftKb)
Conductor	20	92
Surface	13 3/8	1,327
Intermediate	9 5/8	11,570
Production	7	23,505

Pump Rating (hp)	Stroke Length (in)	Rod Diameter (in)
1,600.0	12.01	2
Line Size (in)	Vol/Stk (bbl/stk)	Eff (%)
6	0.997	95
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)
67	2,900.0	2.665

Pump Rating (hp)	Stroke Length (in)	Rod Diameter (in)
1,600.0	12.01	2
Line Size (in)	Vol/Stk (bbl/stk)	Eff (%)
6	0.997	95
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)
67	2,900.0	2.665

Pump Rating (hp)	Stroke Length (in)	Rod Diameter (in)
1,600.0	12.01	2
Line Size (in)	Vol/Stk (bbl/stk)	Eff (%)
6	0.997	95
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)
65	2,900.0	2,586

Formation Name	Prog Top (TVD) (ftKB)
Lamar	5,197.0
Bell Canyon SD	5,227.0
Cherry Canyon	6,150.0
Brushy Canyon	7,509.0
Bone Spring	8,614.0
1st Bone Lime	8,872.0
1st Bone Sand	9,654.0
2nd Bone Lime	10,139.0
2nd Bone Sand	10,372.0
3rd Bone Carbonate	10,534.0
3rd Bone Shale	10,912.0
3rd Bone Sand	11,194.0
WFMP_T	11,497.0
WFMP_A	11,642.0
WFMP_B	11,962.0
WFMP_C	12,363.0

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)
23,368.0	91.03	162.01	12,055.9
23,446.6	91.03	161.43	12,054.5
23,463.0	91.03	161.31	12,054.2
23,500.0	90.99	161.83	12,053.6
23,535.0	90.99	161.83	12,053.0





UL DINO JUICE 18-40-45 WB3 13H  
Daily Drilling Report

Report Date: 10/3/2022  
AFE: O22TX-0048C  
API: 42475382540000  
LAT/LONG: 31.60694, -103.34490  
State: Texas County: Ward

Contractor: PRECISION DRILLING	Rig Number: 550	Phone: 432-263-9803	Email: pd550rig@pointep.com
KB-Ground Distance (ft): 20.00	Total NPT (hr): 29.00	Report Number: 21	Drilling Days (days): 13.46
End Depth (ftKB): 11,590	Footage (ft): 39	Drilling Hours (hr): 0.50	Avg ROP (ft/hr): 78.0

Daily Operations

Report Start 10/2/2022 06:00	Report End 10/3/2022 06:00
Operations at Report Time Running csg @ 5,210'	Operations Next Report Period Finish csg run and cement same
Contacted TRRC w/intent to run and cement int casing. Audrey Operator #2 10-2-22 @ 1530hrs	

Time Log

Start Time	End Time	Dur (hr)	Code 3	End Depth (ftKB)	Comment
06:00	06:30	0.50	DRILL	11,590	Drill 12.25" intermediate F/11,551' to 11,590'.
06:30	08:30	2.00	CIRC	11,590	C/C around sweeps while working full stand drill pipe. Shakers clean. No gains/losses
08:30	16:30	8.00	TRIP	11,590	Trip out of the hole F/11,590' to directional BHA.
16:30	18:00	1.50	DIRECTIONAL	11,590	Break bit (1-2, BT, TD) and directional tools.
18:00	19:00	1.00	TRIP	11,590	Clean/clear floor. Pull wear bushing.
19:00	21:00	2.00	SAFETY	11,590	Hold safety meeting and R/U Butches casing crew.
21:00	06:00	9.00	RUN CSG/CMT	11,590	Run 137 joints (5,210') of 9 5/8" #40 HCL-80, filling on the fly.

Drilling Details

Depth Rotating (ft) 39.00	Rotating Hours (hr) 0.50	Rotating ROP (ft/hr) 78.0	% Rotating Time (%) 100.00	% Rotating Depth (%) 100.00
Depth Sliding (ft)	Sliding Hours (hr)	Sliding ROP (ft/hr)	% Sliding Time (%) 0.00	% Sliding Depth (%)

Mud Checks

Type	Depth (ftKB)	Dens (lb/gal)	Vis (s/qt)	PV OR (cP)	YP OR (lb/100ft²)	Vis 6rpm	pH	Filtrate (mL/30min)	Solids (%)	LGS (%)	Elec Stab (V)	Chlor (mg/L)	OW Ratio
Salt Base	11,590	10.1	31	3.0	2.0	1	9.5		3.9	2.6		183,000	

Drill Strings

BHA # 7, Bit Run 5. Intermediate Con. #1

Size (in) 12 1/4	Make Ulterra	Model CF716	SN 61467	Depth In (ftKB) 10,889.0	Depth Out (ft... 11,590.0	Depth Drilled... 701.00	Job Drill Hrs (hr) 16.50	Avg ROP (ft/hr) 42.5
TFA (in²)	Nozzles (1/32") 11/12/12/12/12/12/14			IADC Bit Dull 1-2-WT-A-X-1-NO-TD				Len (ft) 459.64

Components

Jts	Item Des	OD (in)	ID (in)	Len (ft)
1	Mud Motor - Bent Housing	9 5/8		36.97
1	UBHO Sub	8		2.64
	NMDC	8	3.25	28.19
1	Drill Collar - Non Mag	8	3.25	14.63
1	Shock Sub	8		14.13
12	Drill Collar	8	2.81	360.04
1	XO Sub	8	3.00	2.04

Parameters

Start Time	End Time	Start Depth (ftKB)	End Depth (ftKB)	Drill Time (hr)	WOB (1000lbf)	RPM (rpm)	Q Flow (gpm)	SPP (psi)	Drill Tq	dP (SPP) (psi)	Int ROP (ft/hr)
06:00	06:30	11,551	11,590	0.50	45	80	800	2,800	19	425	78.0

Daily Contacts

Title	Company	Contact	Phone	Email
SVP Operations	Point Energy	Joel Acosta	405-441-4393	joela@pointep.com
Engineer	Crescent	Parker Cummings	956-693-0063	pcummings@cvmgmt.com
Rig supervisor	Crescent	Dave Hoggatt	307-660-5541	pd550rig@pointep.com
Rig supervisor	Crescent	Brian Friend	405-777-3433	pd550rig@pointep.com
Rig	Precision	PD 550	432-263-9803	pd550rig@pointep.com

Safety Incidents

Time	Category	Type	Cause	Lost time?	Severity

Cost Summary

Report Field Est (Cost) \$1,066,045	Cum Field Est (Cost) \$3,157,971
Total AFE (Cost) \$6,622,071	Cum Variance (Cost) \$3,464,100

Project Details

Spud Date 8/11/2022	Rig Start Date 9/16/2022	
Target Form WC-B	Target Depth (ftK... 23,256.0	Target Depth (T... 12,026.0

Key Drilling Vendors

Service Type	Service Company
Cementing	Halliburton Energy Services, Inc.
Directional	KLX ENERGY SERVICES LLC
Mud	NEWPARK DRILLING FLUIDS L...

Last BOP Test

Last Date 9/21/2022	Days Until Next Check (da... 10
------------------------	------------------------------------

Safety Meetings

Date	Des
10/2/2022	Foward ops, Tripping out
10/2/2022	PJSM, working BHA
10/2/2022	Foward ops, Running csg with 3rd party

Casing Strings

Csg Des	OD (in)	Set Depth (ftKB)
Conductor	20	92
Surface	13 3/8	1,327
Intermediate	9 5/8	11,570
Production	7	23,505

Mud Pumps

1, Continental-Emsco, FA-1300

Pump Rating (hp) 1,600.0	Stroke Length (in) 12.01	Rod Diameter (in) 2
Liner Size (in)	Vol/Stk (bbl/stk)	Eff (%)
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)

2, Continental-Emsco, FA-1300

Pump Rating (hp) 1,600.0	Stroke Length (in) 12.01	Rod Diameter (in) 2
Liner Size (in)	Vol/Stk (bbl/stk)	Eff (%)
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)

3, Continental-Emsco, FA-1300

Pump Rating (hp) 1,600.0	Stroke Length (in) 12.01	Rod Diameter (in) 2
Liner Size (in)	Vol/Stk (bbl/stk)	Eff (%)
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)

Formation Tops

Formation Name	Prog Top (TVD) (ftKB)
Lamar	5,197.0
Bell Canyon SD	5,227.0
Cherry Canyon	6,150.0
Brushy Canyon	7,509.0
Bone Spring	8,614.0
1st Bone Lime	8,872.0
1st Bone Sand	9,654.0
2nd Bone Lime	10,139.0
2nd Bone Sand	10,372.0
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3rd Bone Shale	10,912.0
3rd Bone Sand	11,194.0
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WFMP_A	11,642.0
WFMP_B	11,962.0
WFMP_C	12,363.0

Survey Data


MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)
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23,446.6	91.03	161.43	12,054.5
23,463.0	91.03	161.31	12,054.2
23,500.0	90.99	161.83	12,053.6
23,535.0	90.99	161.83	12,053.0





# Daily Drilling Report

**State: Texas    County: Ward**



Survey Data			
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)
23,368.0	91.03	162.01	12,055.9
23,446.6	91.03	161.43	12,054.5
23,463.0	91.03	161.31	12,054.2
23,500.0	90.99	161.83	12,053.6
23,535.0	90.99	161.83	12,053.0





# Daily Drilling Report

**State: Texas    County: Ward**

<b>Contractor:</b> PRECISION DRILLING	<b>Rig Number:</b> 550	<b>Phone:</b> 432-263-9803	<b>Email:</b> pd550rig@pointep.com
<b>KB-Ground Distance (ft):</b> 20.00	<b>Total NPT (hr):</b> 29.00	<b>Report Number:</b> 23	<b>Drilling Days (days):</b> 14.71
<b>End Depth (ftKB):</b> 11,590	<b>Footage (ft):</b> 0	<b>Drilling Hours (hr):</b>	<b>Avg ROP (ft/hr):</b>

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)
23,368.0	91.03	162.01	12,055.9
23,446.6	91.03	161.43	12,054.5
23,463.0	91.03	161.31	12,054.2
23,500.0	90.99	161.83	12,053.6
23,535.0	90.99	161.83	12,053.0





UL DINO JUICE 18-40-45 WB3 13H  
Daily Drilling Report

Report Date: 11/29/2022  
AFE: O22TX-0048C  
API: 42475382540000  
LAT/LONG: 31.60694, -103.34490  
State: Texas County: Ward

Contractor: PRECISION DRILLING	Rig Number: 550	Phone: 432-263-9803	Email: pd550rig@pointep.com
KB-Ground Distance (ft): 20.00	Total NPT (hr): 29.00	Report Number: 25	Drilling Days (days): 16.21
End Depth (ftKB): 11,727	Footage (ft): 117	Drilling Hours (hr): 6.00	Avg ROP (ft/hr): 19.5

Daily Operations					
Report Start 11/28/2022 06:00				Report End 11/29/2022 06:00	
Operations at Report Time Drilling 8.75" curve @ 11,727'				Operations Next Report Period Drill 8.75" curve	
Time Log					
Start Time	End Time	Dur (hr)	Code 3	End Depth (ftKB)	Comment
06:00	07:30	1.50	TEST BOP	11,590	Test BOP (Upper and lower rams, Blind rams) 5,000 psi high 250 low.
07:30	08:00	0.50	FIT/CIT	11,590	Perform CIT to 1,500 psi, held and charted for 30 mins.
08:00	09:30	1.50	NU BOP	11,590	Install mousehole and wear bushing
09:30	13:30	4.00	DIRECTIONAL	11,590	Pick up curve BHA as follows: CF 611 Ulterra 8.75", KLX mud motor (7/8 - 6.4, 2.25°, 4.22' BTB, 1510 max Diff, 300-650 GPM), Float sub, UBHO, NMDC, NMDC, Accel glide, X/O. Scribed motor. UBHO screws set and torqued with lock tight. *While locking down MWD tool found threads on UBHO and NMDC. changed both out.
13:30	21:00	7.50	TRIP	11,590	TIH F/BHA T/11,563'
21:00	22:00	1.00	REAM	11,610	Drill float equipment, cement and 10' of new formation. Displacing while drilling.
22:00	23:30	1.50	CIRC	11,610	Finished displacing to with #13.1 OBM.
23:30	00:00	0.50	FIT/CIT	11,610	Perform FIT to #15.5 equivalent. Test failed held a #14.7 equivalent.
00:00	02:00	2.00	DRILL	11,658	Drill 8.75" F/11,610 T/11,658' KOP
02:00	06:00	4.00	DRILL		Drill 8.75" curve F/11,658' T/11,727'

Drilling Details					
Depth Rotating (ft) 48.00	Rotating Hours (hr) 2.00	Rotating ROP (ft/hr) 24.0	% Rotating Time (%) 33.33	% Rotating Depth (%) 41.03	
Depth Sliding (ft) 69	Sliding Hours (hr) 4.00	Sliding ROP (ft/hr) 17.2	% Sliding Time (%) 66.67	% Sliding Depth (%) 58.97	

Mud Checks													
Type	Depth (ftKB)	Dens (lb/gal)	Vis (s/qt)	PV OR (cP)	YP OR (lb/100ft²)	Vis 6rpm	pH	Filtrate (mL/30min)	Solids (%)	LGS (%)	Elec Stab (V)	Chlor (mg/L)	OW Ratio
Oil Base	11,575	13.1	79	20.0	17.0	9		12.0	17.5	8.4	409.0	226,644	

Drill Strings									
BHA # 8, Bit Run 6. Curve BHA #1									
Size (in) 8 3/4	Make Ulterra	Model CF611	SN 61184	Depth In (ftKB) 11,610.0	Depth Out (ft... 12,993.0	Depth Drilled... 1,383.00	Job Drill Hrs (hr) 42.00	Avg ROP (ft/hr) 32.9	
TFA (in") 1.03	Nozzles (1/32") 15/15/15/15/15			IADC Bit Dull 2-2-WT-A-X-1-NO-TD				Len (ft) 106.28	

Components				
Jts	Item Des			
1	XO Sub			6 9/16 2.75 2.61
1	Accel Glide			6 9/16 3.50 6.11
1	Drill Collar - Non Mag			6 3/8 3.13 29.94
1	Drill Collar - Non Mag			6 11/16 3.13 30.01
1	UBHO sub			6 3/8 2.81 3.25
1	Float Sub			6 5/8 3.00 2.72
1	Mud Motor - Bent Housing			8 3/4 30.64

Parameters											
Start Time	End Time	Start Depth (ftKB)	End Depth (ftKB)	Drill Time (hr)	WOB (1000lbf)	RPM (rpm)	Q Flow (gpm)	SPP (psi)	Drill Tq	dP (SPP) (psi)	Int ROP (ft/hr)
00:00	02:00	11,610	11,658	2.00	25	30	550	4,000	15	450	24.0
02:00	06:00	11,658	11,727	4.00	25	0	550	3,715	0	325	17.2

Daily Contacts				
Title	Company	Contact	Phone	Email
SVP Operations	Point Energy	Joel Acosta	405-441-4393	joela@pointep.com
Engineer	Crescent	Parker Cummings	956-693-0063	pcummings@cvmgmt.com
Rig supervisor	Crescent	Dave Hoggatt	307-660-5541	pd550rig@pointep.com
Rig supervisor	Crescent	Brian Friend	405-777-3433	pd550rig@pointep.com
Rig	Precision	PD 550	432-263-9803	pd550rig@pointep.com

Safety Incidents					
Time	Category	Type	Cause	Lost time?	Severity

Cost Summary	
Report Field Est (Cost) \$107,381	Cum Field Est (Cost) \$3,554,459
Total AFE (Cost) \$6,622,071	Cum Variance (Cost) \$3,067,612
Project Details	
Spud Date 8/11/2022	Rig Start Date 9/16/2022
Target Form WC-B	Target Depth (ftK... 23,256.0
	Target Depth (T... 12,026.0

Key Drilling Vendors	
Service Type	Service Company
Cementing	Halliburton Energy Services, Inc.
Directional	KLX ENERGY SERVICES LLC
Mud	NEWPARK DRILLING FLUIDS L...

Last BOP Test	
Last Date 11/28/2022	Days Until Next Check (da... 21

Safety Meetings	
Date	Des
11/28/2022	Foward ops, Working BHA
11/28/2022	Foward ops, Displacing mud system

Casing Strings		
Csg Des	OD (in)	Set Depth (ftKB)
Conductor	20	92
Surface	13 3/8	1,327
Intermediate	9 5/8	11,570
Production	7	23,505

Mud Pumps		
1, Continental-Emsco, FA-1300		
Pump Rating (hp) 1,600.0	Stroke Length (in) 12.01	Rod Diameter (in) 2
Liner Size (in) 5	Vol/Stk (bbl/stk) 0.073	Eff (%) 95
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)

2, Continental-Emsco, FA-1300		
Pump Rating (hp) 1,600.0	Stroke Length (in) 12.01	Rod Diameter (in) 2
Liner Size (in) 5	Vol/Stk (bbl/stk) 0.073	Eff (%) 95
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)

3, Continental-Emsco, FA-1300		
Pump Rating (hp) 1,600.0	Stroke Length (in) 12.01	Rod Diameter (in) 2
Liner Size (in) 5	Vol/Stk (bbl/stk) 0.073	Eff (%) 95
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)

Formation Tops	
Formation Name	Prog Top (TVD) (ftKB)
Lamar	5,197.0
Bell Canyon SD	5,227.0
Cherry Canyon	6,150.0
Brushy Canyon	7,509.0
Bone Spring	8,614.0
1st Bone Lime	8,872.0
1st Bone Sand	9,654.0
2nd Bone Lime	10,139.0
2nd Bone Sand	10,372.0
3rd Bone Carbonate	10,534.0
3rd Bone Shale	10,912.0
3rd Bone Sand	11,194.0
WFMP_T	11,497.0
WFMP_A	11,642.0
WFMP_B	11,962.0
WFMP_C	12,363.0

Survey Data			
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)
23,368.0	91.03	162.01	12,055.9
23,446.6	91.03	161.43	12,054.5
23,463.0	91.03	161.31	12,054.2
23,500.0	90.99	161.83	12,053.6
23,535.0	90.99	161.83	12,053.0



# Daily Drilling Report

Report Date: 11/30/2022

**AFE: O22TX-0048C**

**API: 42475382540000**

**LAT/LONG: 31.60694, -103.34490**

**State: Texas    County: Ward**

<b>Contractor:</b> PRECISION DRILLING	<b>Rig Number:</b> 550	<b>Phone:</b> 432-263-9803	<b>Email:</b> pd550rig@pointep.com
<b>KB-Ground Distance (ft):</b> 20.00	<b>Total NPT (hr):</b> 29.00	<b>Report Number:</b> 26	<b>Drilling Days (days):</b> 17.21
<b>End Depth (ftKB):</b> 12,630	<b>Footage (ft):</b> 903	<b>Drilling Hours (hr):</b> 23.00	<b>Avg ROP (ft/hr):</b> 39.3

Daily Operations					
Report Start 11/29/2022 06:00			Report End 11/30/2022 06:00		
Operations at Report Time DRILLING 8.75" CURVE @ 12,630			Operations Next Report Period FINISH DRILLING CURVE SECTION, TOOH FOR LATERAL ASSEMBLY		
Time Log					
Start Time	End Time	Dur (hr)	Code 3	End Depth (ftKB)	Comment
06:00	17:00	11.00	DRILL	12,135	Drill 8.75" curve F/11,727' T/12,135'
17:00	17:30	0.50	RIG SERV	12,135	RIG SERVICE
17:30	23:30	6.00	DRILL	12,464	Drill 8.75" curve F/12,135' T/12,464'
23:30	00:00	0.50	RIG SERV	12,464	RIG SERVICE
00:00	06:00	6.00	DRILL	12,630	Drill 8.75" curve F/12,464' T/12,630'

Drilling Details				
Depth Rotating (ft) 293.00	Rotating Hours (hr) 5.00	Rotating ROP (ft/hr) 58.6	% Rotating Time (%) 21.74	% Rotating Depth (%) 32.45
Depth Sliding (ft) 610	Sliding Hours (hr) 18.00	Sliding ROP (ft/hr) 33.9	% Sliding Time (%) 78.26	% Sliding Depth (%) 67.55

Mud Checks													
Type	Depth (ft/KB)	Dens (lb/gal)	Vis (s/qt)	PV OR (cP)	YP OR (lb/100ft²)	Vis 6rpm	pH	Filtrate (mL/30mi n)	Solids (%)	LGS (%)	Elec Stab (V)	Chlor (mg/L)	OW Ratio
Oil Base	12,200	13.4	66	24.0	14.0	10		11.8	28.0	8.1	398.0	202,059	78.5/21.5

Drill Strings								
BHA # 8, Bit Run 6. Curve BHA #1								
Size (in)	Make	Model	SN	Depth In (ftKB)	Depth Out (ft...	Depth Drilled...	Job Drill Hrs (hr)	Avg ROP (ft/hr)
8 3/4	Ulterra	CF611	61184	11,610.0	12,993.0	1,383.00	42.00	32.9
TFA (in²)	Nozzles (1/32")	IADC Bit Dull					Len (ft)	
1.03	15/15/15/15/15/15	2-2-WT-A-X-1-NO-TD					106.28	

Components				
Jts	Item Des	OD (in)	ID (in)	Len (ft)
1	XO Sub	6 9/16	2.75	2.61
1	Accel Glide	6 9/16	3.50	6.11
1	Drill Collar - Non Mag	6 3/8	3.13	29.94
1	Drill Collar - Non Mag	6 11/16	3.13	30.01
1	UBHO sub	6 3/8	2.81	3.25
1	Float Sub	6 5/8	3.00	2.72
1	Mud Motor - Bent Housing	8 3/4		30.64

Parameters											
Start Time	End Time	Start Depth (ftKB)	End Depth (ftKB)	Drill Time (hr)	WOB (1000lbf)	RPM (rpm)	Q Flow (gpm)	SPP (psi)	Drill Tq	dP (SPP) (psi)	Int ROP (ft/hr)
06:00	14:30	11,727	12,015	8.50	25	0	550	3,250	0	300	33.9
14:30	15:00	12,015	12,040	0.50	30	30	550	3,250	14	300	50.0
15:00	16:30	12,040	12,100	1.50	25	0	550	3,250	0	300	40.0
16:30	17:00	12,100	12,135	0.50	30	30	550	3,250	15	300	70.0
17:30	18:00	12,135	12,200	0.50	25	0	550	3,250	0	300	130.0
18:00	18:30	12,200	12,230	0.50	30	30	550	3,250	15	500	60.0
18:30	20:00	12,230	12,300	1.50	45	0	550	3,400	0	500	46.7
20:00	20:30	12,300	12,325	0.50	35	30	550	3,400	10	550	50.0
20:30	21:00	12,325	12,357	0.50	45	0	550	3,400	0	550	64.0
21:00	22:00	12,357	12,421	1.00	35	30	550	3,500	10	500	64.0
22:00	23:30	12,421	12,464	1.50	45	0	550	3,600	0	550	28.7
00:00	00:30	12,464	12,474	0.50	45	0	550	3,700	0	550	20.0
00:30	01:30	12,474	12,517	1.00	35	30	550	3,800	10	500	43.0
01:30	02:30	12,517	12,541	1.00	45	0	550	3,900	0	550	24.0
02:30	03:30	12,541	12,612	1.00	35	30	550	4,000	10	500	71.0
03:30	06:00	12,612	12,630	2.50	45	0	550	4,000	0	500	7.2

Daily Contacts				
Title	Company	Contact	Phone	Email
SVP Operations	Point Energy	Joel Acosta	405-441-4393	joela@pointep.com
Engineer	Crescent	Parker Cummings	956-693-0063	pcummings@cvmmgmt.com
Rig supervisor	Crescent	Dave Hoggatt	307-660-5541	pd550rig@pointep.com
Rig supervisor	Crescent	Brian Friend	405-777-3433	pd550rig@pointep.com
Rig	Precision	PD 550	432-263-9803	pd550rig@pointep.com

Safety Incidents					
Time	Category	Type	Cause	Lost time?	Severity

Cost Summary	
Report Field Est (Cost)	Cum Field Est (Cost)
\$81,898	\$3,636,357
Total AFE (Cost)	Cum Variance (Cost)
\$6,622,071	\$2,985,714

Project Details		
Spud Date 8/11/2022	Rig Start Date 9/16/2022	
Target Form WC-B	Target Depth (ftK... 23,256.0	Target Depth (T... 12,026.0

Key Drilling Vendors	
Service Type	Service Company
Cementing	Halliburton Energy Services, Inc.
Directional	KLX ENERGY SERVICES LLC
Mud	NEWPARK DRILLING FLUIDS L...

Last BOP Test	
Last Date 11/28/2022	Days Until Next Check (da... 20

Safety Meetings	
Date	Des

Casing Strings		
Csg Des	OD (in)	Set Depth (ftKB)
Conductor	20	92
Surface	13 3/8	1,327
Intermediate	9 5/8	11,570
Production	7	23,505

Mud Pumps		
1, Continental-Emsco, FA-1300		
Pump Rating (hp)	Stroke Length (in)	Rod Diameter (in)
1,600.0	12.01	2
Liner Size (in)	Vol/Stk (bbl/stk)	Eff (%)
5	0.073	95
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)
63	3,500.0	183

2, Continental-Emsco, FA-1300		
Pump Rating (hp) 1,600.0	Stroke Length (in) 12.01	Rod Diameter (in) 2
Liner Size (in) 5	Vol/Stk (bbl/stk) 0.073	Eff (%) 95
Strokes (spm) 63	Pressure (psi) 3,500.0	Flow Rate (gpm) 183

3, Continental-Emsco, FA-1300		
Pump Rating (hp)	Stroke Length (in)	Rod Diameter (in)
1,600.0	12.01	2
Liner Size (in)	Vol/Stk (bbl/stk)	Eff (%)
5	0.073	95
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)
63	3,500.0	183

Formation Tops	
Formation Name	Prog Top (TVD) (ftKB)
Lamar	5,197.0
Bell Canyon SD	5,227.0
Cherry Canyon	6,150.0
Brushy Canyon	7,509.0
Bone Spring	8,614.0
1st Bone Lime	8,872.0
1st Bone Sand	9,654.0
2nd Bone Lime	10,139.0
2nd Bone Sand	10,372.0
3rd Bone Carbonate	10,534.0
3rd Bone Shale	10,912.0
3rd Bone Sand	11,194.0
WFMP_T	11,497.0
WFMP_A	11,642.0
WFMP_B	11,962.0
WFMP_C	12,363.0

Survey Data			
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)
23,368.0	91.03	162.01	12,055.9
23,446.6	91.03	161.43	12,054.5
23,463.0	91.03	161.31	12,054.2
23,500.0	90.99	161.83	12,053.6
23,535.0	90.99	161.83	12,053.0



Contractor: PRECISION DRILLING	Rig Number: 550	Phone: 432-263-9803	Email: pd550rig@pointep.com
KB-Ground Distance (ft): 20.00	Total NPT (hr): 29.00	Report Number: 27	Drilling Days (days): 18.21
End Depth (ftKB): 12,993	Footage (ft): 363	Drilling Hours (hr): 13.00	Avg ROP (ft/hr): 27.9

Daily Operations														Cost Summary				
Report Start 11/30/2022 06:00							Report End 12/1/2022 06:00							Report Field Est (Cost) \$116,027		Cum Field Est (Cost) \$3,752,384		
Operations at Report Time L/D CURVE BHA							Operations Next Report Period P/U LATERAL BHA, TIH, DRILL LATERAL SECTION							Total AFE (Cost) \$6,622,071		Cum Variance (Cost) \$2,869,687		
Time Log														Project Details				
Start Time	End Time	Dur (hr)	Code 3	End Depth (ftKB)	Comment									Spud Date 8/11/2022	Rig Start Date 9/16/2022			
06:00	19:00	13.00	DRILL	12,993	DRILL 8.75" CURVE SECTION F/ 12,630- 12,993', LAND CURVE @ 12,850 AND ROTATED TO 12,993' FOR RSS BHA									Target Form WC-B	Target Depth (ftKB) 23,256.0	Target Depth (ftKB) 12,026.0		
19:00	20:00	1.00	CIRC	12,993	CIRCULATE BOTTOMS UP									Key Drilling Vendors				
20:00	22:00	2.00	TRIP	12,993	WIPER TRIP TO KOP AND BACK TO EOC, NO ISSUES									Service Type		Service Company		
22:00	23:30	1.50	TRIP	12,993	TOOH FOR LATERAL BHA F/12,993 T/9,670, HOLE TAKING PROPER FILL									Cementing		Halliburton Energy Services, Inc.		
23:30	00:00	0.50	RIG SERV	12,993	RIG SERVICE									Directional		KLX ENERGY SERVICES LLC		
00:00	05:30	5.50	TRIP	12,993	TOOH FOR LATERAL BHA F/9,670 T/BHA, HOLE TAKING PROPER FILL									Mud		NEWPARK DRILLING FLUIDS L.		
05:30	06:00	0.50	TRIP	12,993	L/D CURVE BHA									Last BOP Test				
														Last Date 11/28/2022		Days Until Next Check (days) 19		
Drilling Details														Safety Meetings				
Depth Rotating (ft) 206.00							Rotating Hours (hr) 4.00			Rotating ROP (ft/hr) 51.5			% Rotating Time (%) 30.77			% Rotating Depth (%) 56.75		
Depth Sliding (ft) 157							Sliding Hours (hr) 9.00			Sliding ROP (ft/hr) 17.4			% Sliding Time (%) 69.23			% Sliding Depth (%) 43.25		
Mud Checks																		
Type	Depth (ftKB)	Dens (lb/gal)	Vis (s/qt)	PV OR (cP)	YP OR (lb/100ft²)	Vis 6rpm	pH	Filtrate (mL/30min)	Solids (%)	LGS (%)	Elec Stab (V)	Chlor (mg/L)	OW Ratio					
Oil Base	12,993	13.5	66	16.0	12.0	10		11.6	28.5	8.2	391.0	226,212	79.7/20.3					
Drill Strings																		
BHA # 8, Bit Run 6. Curve BHA #1																		
Size (in) 8 3/4	Make Ulterra	Model CF611	SN 61184	Depth In (ftKB) 11,610.0	Depth Out (ftKB) 12,993.0	Depth Drilled (ft) 1,383.00	Job Drill Hrs (hr) 42.00	Avg ROP (ft/hr) 32.9										
TFA (in²) 1.03	Nozzles (1/32") 15/15/15/15/15/15				IADC Bit Dull 2-2-WT-A-X-1-NO-TD				Len (ft) 106.28									
Components																		
Jts	Item Des							OD (in)		ID (in)		Len (ft)						
1	XO Sub							6 9/16		2.75		2.61						
1	Accel Glide							6 9/16		3.50		6.11						
1	Drill Collar - Non Mag							6 3/8		3.13		29.94						
1	Drill Collar - Non Mag							6 11/16		3.13		30.01						
1	UBHO sub							6 3/8		2.81		3.25						
1	Float Sub							6 5/8		3.00		2.72						
1	Mud Motor - Bent Housing							8 3/4				30.64						
Parameters																		
Start Time	End Time	Start Depth (ftKB)	End Depth (ftKB)	Drill Time (hr)	WOB (1000lbf)	RPM (rpm)	Q Flow (gpm)	SPP (psi)	Drill Tq	dP (SPP) (psi)	Int ROP (ft/hr)							
06:00	09:30	12,630	12,690	3.50	40	0	550	4,000	0	500	17.1							
09:30	10:00	12,690	12,708	0.50	35	30	550	4,000	12	500	36.0							
10:00	13:00	12,708	12,758	3.00	40	0	550	4,000	0	500	16.7							
13:00	14:00	12,758	12,803	1.00	40	30	550	4,000	12	500	45.0							
14:00	16:30	12,803	12,850	2.50	40	0	550	4,000	0	500	18.8							
16:30	19:00	12,850	12,993	2.50	40	30	550	4,000	12	500	57.2							
Daily Contacts																		
Title		Company		Contact		Phone		Email										
SVP Operations		Point Energy		Joel Acosta		405-441-4393		joela@pointep.com										
Engineer		Crescent		Parker Cummings		956-693-0063		pcummings@cvmgmt.com										
Rig supervisor		Crescent		Dave Hoggatt		307-660-5541		pd550rig@pointep.com										
Rig supervisor		Crescent		Brian Friend		405-777-3433		pd550rig@pointep.com										
Rig		Precision		PD 550		432-263-9803		pd550rig@pointep.com										
Safety Incidents																		
Time	Category		Type			Cause			Lost time?		Severity							







# Daily Drilling Report

**State: Texas    County: Ward**

<b>Contractor:</b> PRECISION DRILLING	<b>Rig Number:</b> 550	<b>Phone:</b> 432-263-9803	<b>Email:</b> pd550rig@pointep.com
<b>KB-Ground Distance (ft):</b> 20.00	<b>Total NPT (hr):</b> 29.00	<b>Report Number:</b> 29	<b>Drilling Days (days):</b> 20.21
<b>End Depth (ftKB):</b> 15,327	<b>Footage (ft):</b> 1,550	<b>Drilling Hours (hr):</b> 22.50	<b>Avg ROP (ft/hr):</b> 68.9

Daily Operations					
Report Start 12/2/2022 06:00			Report End 12/3/2022 06:00		
Operations at Report Time DRILLING 8.5" LATERAL SECTION W/ D-TECH RSS			Operations Next Report Period CONTINUE DRILLING 8.5"LATERAL SECTION		
Time Log					
Start Time	End Time	Dur (hr)	Code 3	End Depth (ftKB)	Comment
06:00	10:30	4.50	DRILL	14,043	Drill 8.5" LATERAL SECTION F/13,777' T/14,043' HOLDING 14# EMW WITH MPD ON CONNECTIONS
10:30	11:00	0.50	RIG SERV	14,043	RIG SERVICE
11:00	18:00	7.00	DRILL	14,403	Drill 8.5" LATERAL SECTION F/14,043' T/14,403' HOLDING 14# EMW WITH MPD ON CONNECTIONS
18:00	18:30	0.50	REPAIR RIG	14,403	WORK ON MUD PUMPS
18:30	23:30	5.00	DRILL	14,808	Drill 8.5" LATERAL SECTION F/14,403' T/14,808' HOLDING 14# EMW WITH MPD ON CONNECTIONS
23:30	00:00	0.50	RIG SERV	14,808	RIG SERVICE
00:00	06:00	6.00	DRILL	15,327	Drill 8.5" LATERAL SECTION F/14,808' T/15,327' HOLDING 14# EMW WITH MPD ON CONNECTIONS  Drilling hrs last 24: 22.5 Circulate hrs last 24: 0 Reaming hrs last 24: .0 Downlinks: 5 Total drilling hrs: 32.5 Total circulating hrs: 0 Total reaming hrs: .5 Total BHA hrs: 33 Total downlinks: 5

Drilling Details				
Depth Rotating (ft) 1,550.00	Rotating Hours (hr) 22.50	Rotating ROP (ft/hr) 68.9	% Rotating Time (%) 100.00	% Rotating Depth (%) 100.00
Depth Sliding (ft)	Sliding Hours (hr)	Sliding ROP (ft/hr)	% Sliding Time (%) 0.00	% Sliding Depth (%)

Mud Checks													
Type	Depth (ftKB)	Dens (lb/gal)	Vis (s/qt)	PV OR (cP)	YP OR (lb/100ft²)	Vis 6rpm	pH	Filtrate (mL/30mi n)	Solids (%)	LGS (%)	Elec Stab (V)	Chlor (mg/L)	OW Ratio
Oil Base	14.403	13.5	57	21.0	15.0	10		11.6	26.9	7.5	387.0	220,333	79.2/20.8

Drill Strings								
BHA # 9, Bit Run 7. LATERAL BHA #1								
Size (in)	Make	Model	SN	Depth In (ftKB)	Depth Out (ft...	Depth Drilled...	Job Drill Hrs (hr)	Avg ROP (ft/hr)
8 1/2	REED	TKC76	A286672	12,993.0	18,722.0	5,729.00	92.50	61.9
TFA (in²)	Nozzles (1/32") 11/11/11/12/12/12			IADC Bit Dull 2-2-CT-A-X-O-WT-DMF			Len (ft) 103.06	

Components				
Jts	Item Des	OD (in)	ID (in)	Len (ft)
	XO Sub	6 11/16	2.81	3.54
1	Mud Motor	7 3/8		31.42
1	Filter Sub	6 3/4	3.50	5.48
1	NMPC	6 3/4	3.25	10.25
1	Stabilizer	6 3/4	2.88	4.82
1	Drill Collar - Non Mag	6 9/16	3.25	30.01
1	UBHO	6 5/8	2.81	3.68
1	Rotary Steerable Tool	6 3/4		12.86

Parameters											
Start Time	End Time	Start Depth (ftKB)	End Depth (ftKB)	Drill Time (hr)	WOB (1000lbf)	RPM (rpm)	Q Flow (gpm)	SPP (psi)	Drill Tq	dP (SPP) (psi)	Int ROP (ft/hr)
06:00	10:30	13,777	14,043	4.50	38	70	600	4,300	19	700	59.1
11:00	18:00	14,043	14,403	7.00	38	70	600	4,300	19	700	51.4
18:30	23:30	14,403	14,808	5.00	38	70	600	4,400	16	800	81.0
00:00	06:00	14,808	15,327	6.00	38	70	600	4,400	16	800	86.5

Daily Contacts				
Title	Company	Contact	Phone	Email
SVP Operations	Point Energy	Joel Acosta	405-441-4393	joela@pointep.com
Engineer	Crescent	Parker Cummings	956-693-0063	pcummings@cvmmgmt.com
Rig supervisor	Crescent	Dave Hoggatt	307-660-5541	pd550rig@pointep.com
Rig supervisor	Crescent	Brian Friend	405-777-3433	pd550rig@pointep.com
Rig	Precision	PD 550	432-263-9803	pd550rig@pointep.com

Safety Incidents					
Time	Category	Type	Cause	Lost time?	Severity

Cost Summary	
Report Field Est (Cost) \$167,469	Cum Field Est (Cost) \$4,016,991
Total AFE (Cost) \$6,622,071	Cum Variance (Cost) \$2,605,080

Project Details		
Spud Date 8/11/2022	Rig Start Date 9/16/2022	
Target Form WC-B	Target Depth (ftK... 23,256.0	Target Depth (T... 12,026.0

Key Drilling Vendors	
Service Type	Service Company
Cementing	Halliburton Energy Services, Inc.
Directional	KLX ENERGY SERVICES LLC
Mud	NEWPARK DRILLING FLUIDS L...

Last BOP Test	
Last Date 11/28/2022	Days Until Next Check (da... 17

Safety Meetings	
Date	Des

Casing Strings		
Csg Des	OD (in)	Set Depth (ftKB)
Conductor	20	92
Surface	13 3/8	1,327
Intermediate	9 5/8	11,570
Production	7	23,505

<b>Mud Pumps</b>
<b>1, Continental-Emsco, FA-1300</b>

Pump Rating (hp) 1,600.0	Stroke Length (in) 12.01	Rod Diameter (in) 2
Liner Size (in) 5	Vol/Stk (bbl/stk) 0.073	Eff (%) 95
Strokes (spm) 68	Pressure (psi) 4,100.0	Flow Rate (gpm) 198

<b>2, Continental-Emsco, FA-1300</b>		
<b>Pump Rating (hp)</b> 1,600.0	<b>Stroke Length (in)</b> 12.01	<b>Rod Diameter (in)</b> 2
<b>Liner Size (in)</b> 5	<b>Vol/Stk (bbl/stk)</b> 0.073	<b>Eff (%)</b> 95
<b>Strokes (spm)</b> 68	<b>Pressure (psi)</b> 4,100.0	<b>Flow Rate (gpm)</b> 198

3, Continental-Emsco, FA-1300		
Pump Rating (hp) 1,600.0	Stroke Length (in) 12.01	Rod Diameter (in) 2
Liner Size (in) 5	Vol/Stk (bbl/stk) 0.073	Eff (%) 95
Strokes (spm) 68	Pressure (psi) 4, 100.0	Flow Rate (gpm) 198

Formation Tops	
Formation Name	Prog Top (TVD) (ftKB)
Lamar	5,197.0
Bell Canyon SD	5,227.0
Cherry Canyon	6,150.0
Brushy Canyon	7,509.0
Bone Spring	8,614.0
1st Bone Lime	8,872.0
1st Bone Sand	9,654.0
2nd Bone Lime	10,139.0
2nd Bone Sand	10,372.0
3rd Bone Carbonate	10,534.0
3rd Bone Shale	10,912.0
3rd Bone Sand	11,194.0
WFMP_T	11,497.0
WFMP_A	11,642.0
WFMP_B	11,962.0
WFMP_C	12,363.0

Survey Data			
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)
23,368.0	91.03	162.01	12,055.9
23,446.6	91.03	161.43	12,054.5
23,463.0	91.03	161.31	12,054.2
23,500.0	90.99	161.83	12,053.6
23,535.0	90.99	161.83	12,053.0



UL DINO JUICE 18-40-45 WB3 13H  
Daily Drilling Report

Report Date: 12/4/2022  
AFE: O22TX-0048C  
API: 42475382540000  
LAT/LONG: 31.60694, -103.34490  
State: Texas County: Ward

Contractor: PRECISION DRILLING	Rig Number: 550	Phone: 432-263-9803	Email: pd550rig@pointep.com
KB-Ground Distance (ft): 20.00	Total NPT (hr): 29.00	Report Number: 30	Drilling Days (days): 21.21
End Depth (ftKB): 17,020	Footage (ft): 1,693	Drilling Hours (hr): 23.00	Avg ROP (ft/hr): 73.6

Daily Operations					
Report Start 12/3/2022 06:00				Report End 12/4/2022 06:00	
Operations at Report Time DRILLING 8.5" LATERAL SECTION W/ D-TECH RSS				Operations Next Report Period CONTINUE DRILLING 8.5"LATERAL SECTION	
Time Log					
Start Time	End Time	Dur (hr)	Code 3	End Depth (ftKB)	Comment
06:00	17:30	11.50	DRILL	16,144	Drill 8.5" LATERAL SECTION F/15,327' T/16,144' HOLDING 14# EMW WITH MPD ON CONNECTIONS
17:30	18:00	0.50	RIG SERV	16,144	RIG SERVICE
18:00	23:30	5.50	DRILL	16,622	Drill 8.5" LATERAL SECTION F/16,144' T/16,622' HOLDING 14# EMW WITH MPD ON CONNECTIONS
23:30	00:00	0.50	RIG SERV	16,622	RIG SERVICE
00:00	06:00	6.00	DRILL	17,020	Drill 8.5" LATERAL SECTION F/16,144' T/17,020' HOLDING 14# EMW WITH MPD ON CONNECTIONS  Drilling hrs last 24: 23 Circulate hrs last 24: 0 Reaming hrs last 24: .0 Downlinks: 5 Total drilling hrs: 55.5 Total circulating hrs: 0 Total reaming hrs: .5 Total BHA hrs: 56 Total downlinks: 10

Drilling Details				
Depth Rotating (ft)	Rotating Hours (hr)	Rotating ROP (ft/hr)	% Rotating Time (%)	% Rotating Depth (%)
1,693.00	23.00	73.6	100.00	100.00
Depth Sliding (ft)	Sliding Hours (hr)	Sliding ROP (ft/hr)	% Sliding Time (%)	% Sliding Depth (%)
		0.00		

Mud Checks													
Type	Depth (ftKB)	Dens (lb/gal)	Vis (s/qt)	PV OR (cP)	YP OR (lb/100ft²)	Vis 6rpm	pH	Filtrate (mL/30min)	Solids (%)	LGS (%)	Elec Stab (V)	Chlor (mg/L)	OW Ratio
Oil Base	16,143	13.5	62	21.0	16.0	10		8.6	28.0	7.3	404.0	226,644	79.2/20.8

Drill Strings								
BHA # 9, Bit Run 7. LATERAL BHA #1								
Size (in)	Make	Model	SN	Depth In (ftKB)	Depth Out (ft...	Depth Drilled...	Job Drill Hrs (hr)	Avg ROP (ft/hr)
8 1/2	REED	TKC76	A286672	12,993.0	18,722.0	5,729.00	92.50	61.9
TFA (in²)	Nozzles (1/32") 11/11/11/12/12/12/12			IADC Bit Dull 2-2-CT-A-X-0-WT-DMF			Len (ft) 103.06	

Components				
Jts	Item Des			
	XO Sub			OD (in) ID (in) Len (ft)
				6 11/16 2.81 3.54
1	Mud Motor			7 3/8 31.42
1	Filter Sub			6 3/4 3.50 5.48
1	NMPC			6 3/4 3.25 10.25
1	Stabilizer			6 3/4 2.88 4.82
1	Drill Collar - Non Mag			6 9/16 3.25 30.01
1	UBHO			6 5/8 2.81 3.68
1	Rotary Steerable Tool			6 3/4 12.86

Parameters											
Start Time	End Time	Start Depth (ftKB)	End Depth (ftKB)	Drill Time (hr)	WOB (1000lbf)	RPM (rpm)	Q Flow (gpm)	SPP (psi)	Drill Tq	dP (SPP) (psi)	Int ROP (ft/hr)
06:00	17:30	15,327	16,144	11.50	38	75	600	4,400	16	450	71.0
18:00	23:30	16,144	16,622	5.50	38	75	600	4,400	18	625	86.9
00:00	06:00	16,622	17,020	6.00	38	75	600	4,500	18	550	66.3

Daily Contacts				
Title	Company	Contact	Phone	Email
SVP Operations	Point Energy	Joel Acosta	405-441-4393	joela@pointep.com
Engineer	Crescent	Parker Cummings	956-693-0063	pcummings@cvmgmt.com
Rig supervisor	Crescent	Dave Hoggatt	307-660-5541	pd550rig@pointep.com
Rig supervisor	Crescent	Brian Friend	405-777-3433	pd550rig@pointep.com
Rig	Precision	PD 550	432-263-9803	pd550rig@pointep.com

Safety Incidents					
Time	Category	Type	Cause	Lost time?	Severity

Cost Summary	
Report Field Est (Cost)	Cum Field Est (Cost)
\$115,107	\$4,132,098
Total AFE (Cost)	Cum Variance (Cost)
\$6,622,071	\$2,489,973

Project Details		
Spud Date	Rig Start Date	
8/11/2022	9/16/2022	
Target Form	Target Depth (ftK...)	Target Depth (T...
WC-B	23,256.0	12,026.0

Key Drilling Vendors	
Service Type	Service Company
Cementing	Halliburton Energy Services, Inc.
Directional	KLX ENERGY SERVICES LLC
Mud	NEWPARK DRILLING FLUIDS L...

Last BOP Test	
Last Date	Days Until Next Check (da...
11/28/2022	16

Safety Meetings	
Date	Des

Casing Strings		
Csg Des	OD (in)	Set Depth (ftKB)
Conductor	20	92
Surface	13 3/8	1,327
Intermediate	9 5/8	11,570
Production	7	23,505

Mud Pumps		
1, Continental-Emsco, FA-1300		
Pump Rating (hp)	Stroke Length (in)	Rod Diameter (in)
1,600.0	12.01	2
Liner Size (in)	Vol/Stk (bbl/stk)	Eff (%)
5	0.073	95
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)
68	4,500.0	198

2, Continental-Emsco, FA-1300		
Pump Rating (hp)	Stroke Length (in)	Rod Diameter (in)
1,600.0	12.01	2
Liner Size (in)	Vol/Stk (bbl/stk)	Eff (%)
5	0.073	95
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)
68	4,500.0	198

3, Continental-Emsco, FA-1300		
Pump Rating (hp)	Stroke Length (in)	Rod Diameter (in)
1,600.0	12.01	2
Liner Size (in)	Vol/Stk (bbl/stk)	Eff (%)
5	0.073	95
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)
68	4,100.0	198

Formation Tops	
Formation Name	Prog Top (TVD) (ftKB)
Lamar	5,197.0
Bell Canyon SD	5,227.0
Cherry Canyon	6,150.0
Brushy Canyon	7,509.0
Bone Spring	8,614.0
1st Bone Lime	8,872.0
1st Bone Sand	9,654.0
2nd Bone Lime	10,139.0
2nd Bone Sand	10,372.0
3rd Bone Carbonate	10,534.0
3rd Bone Shale	10,912.0
3rd Bone Sand	11,194.0
WFMP_T	11,497.0
WFMP_A	11,642.0
WFMP_B	11,962.0
WFMP_C	12,363.0

Survey Data			
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)
23,368.0	91.03	162.01	12,055.9
23,446.6	91.03	161.43	12,054.5
23,463.0	91.03	161.31	12,054.2
23,500.0	90.99	161.83	12,053.6
23,535.0	90.99	161.83	12,053.0



# Daily Drilling Report

**AFE: O22TX-0048C**

**API: 42475382540000**

**LAT/LONG: 31.60694, -103.34490**

**State: Texas    County: Ward**

<b>Contractor:</b> PRECISION DRILLING	<b>Rig Number:</b> 550	<b>Phone:</b> 432-263-9803	<b>Email:</b> pd550rig@pointep.com
<b>KB-Ground Distance (ft):</b> 20.00	<b>Total NPT (hr):</b> 31.00	<b>Report Number:</b> 31	<b>Drilling Days (days):</b> 22.21
<b>End Depth (ftKB):</b> 17,958	<b>Footage (ft):</b> 938	<b>Drilling Hours (hr):</b> 18.00	<b>Avg ROP (ft/hr):</b> 52.1

## Cost Summary

Report Field Est (Cost)	Cum Field Est (Cost)
\$162,627	\$4,294,725
Total AFE (Cost)	Cum Variance (Cost)
\$6,622,071	\$2,327,346

Spud Date 8/11/2022	Rig Start Date 9/16/2022	
Target Form WC-B	Target Depth (ftK... 23,256.0	Target Depth (T... 12,026.0

Service Type	Service Company
Cementing	Halliburton Energy Services, Inc.
Directional	KLX ENERGY SERVICES LLC
Mud	NEWPARK DRILLING FLUIDS L...

Last Date 11/28/2022	Days Until Next Check (da... 15
-------------------------	------------------------------------

Date	Des

Csg Des	OD (in)	Set Depth (ftKB)
Conductor	20	92
Surface	13 3/8	1,327
Intermediate	9 5/8	11,570
Production	7	23,505

**1, Continental-Emsco, FA-1300**

Pump Rating (hp)	Stroke Length (in)	Rod Diameter (in)
1,600.0	12.01	2
Liner Size (in)	Vol/Stk (bbl/stk)	Eff (%)
5	0.073	95
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)
68	4,618.0	198

## 2, Continental-Emsco, FA-1300

Pump Rating (hp)	Stroke Length (in)	Rod Diameter (in)
1,600.0	12.01	2
Line Size (in)	Vol/Stk (bbl/stk)	Eff (%)
5	0.073	95
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)
68	4,618.0	198

### 3, Continental-Emsco, FA-1300

Pump Rating (hp)	Stroke Length (in)	Rod Diameter (in)
1,600.0	12.01	2
Line Size (in)	Vol/Stk (bbl/stk)	Eff (%)
5	0.073	95
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)
68	4,618.0	198

Formation Name	Prog Top (TVD) (ftKB)
Lamar	5,197.0
Bell Canyon SD	5,227.0
Cherry Canyon	6,150.0
Brushy Canyon	7,509.0
Bone Spring	8,614.0
1st Bone Lime	8,872.0
1st Bone Sand	9,654.0
2nd Bone Lime	10,139.0
2nd Bone Sand	10,372.0
3rd Bone Carbonate	10,534.0
3rd Bone Shale	10,912.0
3rd Bone Sand	11,194.0
WFMP_T	11,497.0
WFMP_A	11,642.0
WFMP_B	11,962.0
WFMP_C	12,363.0

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)
23,368.0	91.03	162.01	12,055.9
23,446.6	91.03	161.43	12,054.5
23,463.0	91.03	161.31	12,054.2
23,500.0	90.99	161.83	12,053.6
23,535.0	90.99	161.83	12,053.0

Depth Rotating (ft) 938.00	Rotating Hours (hr) 18.00	Rotating ROP (ft/hr) 52.1	% Rotating Time (%) 100.00	% Rotating Depth (%) 100.00
Depth Sliding (ft)	Sliding Hours (hr)	Sliding ROP (ft/hr)	% Sliding Time (%) 0.00	% Sliding Depth (%)

Type	Depth (ftKB)	Dens (lb/gal)	Vis (s/qt)	PV OR (cP)	YP OR (lbf/100ft²)	Vis 6rpm	pH	Filtrate (mL/30min)	Solids (%)	LGS (%)	Elec Stab (V)	Chlor (mg/L)	OW Ratio
Oil Base	17,383	13.5	59	18.0	14.0	9		9.0	28.0	7.2	425.0	238,965	79.2/20.8

**BHA # 9, Bit Run 7. LATERAL BHA #1**

Size (in)	Make	Model	SN	Depth In (ft/K)	Depth Out (ft...)	Depth Drilled...	Job Drill Hrs (hr)	Avg ROP (ft/hr)
8 1/2	REED	TKC76	A286672	12,993.0	18,722.0	5,729.00	92.50	61.9
TFA (in²)	Nozzles (1/32")			IADC Bit Dull				Len (ft)
	11/11/11/12/12/12/12			2-2-CT-A-X-0-WT-DMF				103.06

Jts	Item Des	OD (in)	ID (in)	Len (ft)
	XO Sub	6 11/16	2.81	3.54
1	Mud Motor	7 3/8		31.42
1	Filter Sub	6 3/4	3.50	5.48
1	NMPC	6 3/4	3.25	10.25
1	Stabilizer	6 3/4	2.88	4.82
1	Drill Collar - Non Mag	6 9/16	3.25	30.01
1	UBHO	6 5/8	2.81	3.68
1	Rotary Steerable Tool	6 3/4		12.86

Start Time	End Time	Start Depth (ftKB)	End Depth (ftKB)	Drill Time (hr)	WOB (1000lbf)	RPM (rpm)	Q Flow (gpm)	SPP (psi)	Drill Tq	dP (SPP) (psi)	Int ROP (ft/hr)
06:00	11:00	17,020	17,314	5.00	38	75	600	4,500	15	550	58.8
15:00	16:00	17,314	17,355	1.00	38	55	600	4,500	15	550	41.0
17:00	05:00	17,355	17,958	12.00	38	70	600	4,500	15	550	50.2

Title	Company	Contact	Phone	Email
SVP Operations	Point Energy	Joel Acosta	405-441-4393	joela@pointep.com
Engineer	Crescent	Parker Cummings	956-693-0063	pcummings@cvmmgmt.com
Rig supervisor	Crescent	Dave Hoggatt	307-660-5541	pd550rig@pointep.com
Rig supervisor	Crescent	Brian Friend	405-777-3433	pd550rig@pointep.com
Rig	Precision	PD 550	432-263-9803	pd550rig@pointep.com

Time	Category	Type	Cause	Lost time?	Severity





UL DINO JUICE 18-40-45 WB3 13H  
Daily Drilling Report

Report Date: 12/6/2022  
AFE: O22TX-0048C  
API: 42475382540000  
LAT/LONG: 31.60694, -103.34490  
State: Texas County: Ward

Contractor: PRECISION DRILLING	Rig Number: 550	Phone: 432-263-9803	Email: pd550rig@pointep.com
KB-Ground Distance (ft): 20.00	Total NPT (hr): 31.00	Report Number: 32	Drilling Days (days): 23.21
End Depth (ftKB): 18,722	Footage (ft): 764	Drilling Hours (hr): 19.00	Avg ROP (ft/hr): 40.2

Daily Operations

Report Start 12/5/2022 06:00			Report End 12/6/2022 06:00		
Operations at Report Time PERFORM CUC FOR TOO H FOR NEW BHA			Operations Next Report Period TOOH P/U NEW BHA/TIH		

Time Log

Start Time	End Time	Dur (hr)	Code 3	End Depth (ftKB)	Comment
06:00	13:00	7.00	DRILL	18,247	Drill 8.5" LATERAL SECTION F/17,958' T/18,247' @ 70 FPH FOR RSS, HOLDING 14# EMW WITH MPD ON CONNECTIONS
13:00	14:00	1.00	RIG SERV	18,247	RIG SERVICE
14:00	14:30	0.50	REPAIR RIG	18,247	REPLCE MAIN SHUT OFF ON DRAWWORKS MOTOR A, CIRCULATE @ 180 GPM
14:30	16:00	1.50	CIRC	18,247	CIRCULATE @ 600 GPM'S AFTER RIG REPAIR, MWD STARTED PULSING, RE-LOGGED LAST STAND
16:00	04:00	12.00	DRILL	18,722	Drill 8.5" LATERAL SECTION F/17,958' T/18,722' @ 70 FPH FOR RSS, HOLDING 14# EMW WITH MPD ON CONNECTIONS
04:00	06:00	2.00	CIRC	18,722	PERFORM CUC TO TOO H FOR NEW BHA, 550 GPM/80 RPM  Drilling hrs last 24: 19 Circulate hrs last 24: 3 Reaming hrs last 24: .0 Downlinks: 4 Total drilling hrs: 94.5 Total circulating hrs: 4 Total reaming hrs: .5 Total BHA hrs: 98 Total downlinks: 19

Drilling Details					
Depth Rotating (ft) 764.00	Rotating Hours (hr) 19.00	Rotating ROP (ft/hr) 40.2	% Rotating Time (%) 100.00	% Rotating Depth (%) 100.00	
Depth Sliding (ft)	Sliding Hours (hr)	Sliding ROP (ft/hr)	% Sliding Time (%) 0.00	% Sliding Depth (%)	

Mud Checks													
Type	Depth (ftKB)	Dens (lb/gal)	Vis (s/qt)	PV OR (cP)	YP OR (lb/100ft²)	Vis 6rpm	pH	Filtrate (mL/30min)	Solids (%)	LGS (%)	Elec Stab (V)	Chlor (mg/L)	OW Ratio
Oil Base	18,320	13.5	58	19.0	14.0	9		9.4	28.2	7.7	414.0	235,260	79.4/20.6
Drill Strings													
BHA # 9, Bit Run 7. LATERAL BHA #1													
Size (in) 8 1/2	Make REED	Model TKC76	SN A286672	Depth In (ftKB) 12,993.0	Depth Out (ft... 18,722.0	Depth Drilled... 5,729.00	Job Drill Hrs (hr) 92.50	Avg ROP (ft/hr) 61.9					
TFA (in²)	Nozzles (1/32") 11/11/11/12/12/12/12			IADC Bit Dull 2-2-CT-A-X-0-WT-DMF				Len (ft) 103.06					

Components				
Jts	Item Des	OD (in)	ID (in)	Len (ft)
	XO Sub	6 11/16	2.81	3.54
1	Mud Motor	7 3/8		31.42
1	Filter Sub	6 3/4	3.50	5.48
1	NMPC	6 3/4	3.25	10.25
1	Stabilizer	6 3/4	2.88	4.82
1	Drill Collar - Non Mag	6 9/16	3.25	30.01
1	UBHO	6 5/8	2.81	3.68
1	Rotary Steerable Tool	6 3/4		12.86

Parameters											
Start Time	End Time	Start Depth (ftKB)	End Depth (ftKB)	Drill Time (hr)	WOB (1000lbf)	RPM (rpm)	Q Flow (gpm)	SPP (psi)	Drill Tq	dP (SPP) (psi)	Int ROP (ft/hr)
06:00	13:00	17,958	18,247	7.00	35	60	600	4,200	15	350	41.3
16:00	04:00	18,247	18,722	12.00	35	60	600	4,200	15	350	39.6

Daily Contacts				
Title	Company	Contact	Phone	Email
SVP Operations	Point Energy	Joel Acosta	405-441-4393	joela@pointep.com
Engineer	Crescent	Parker Cummings	956-693-0063	pcummings@cvmgmt.com
Rig supervisor	Crescent	Dave Hoggatt	307-660-5541	pd550rig@pointep.com
Rig supervisor	Crescent	Brian Friend	405-777-3433	pd550rig@pointep.com
Rig	Precision	PD 550	432-263-9803	pd550rig@pointep.com

Safety Incidents					
Time	Category	Type	Cause	Lost time?	Severity

Cost Summary		
Report Field Est (Cost)		Cum Field Est (Cost)
\$123,238		\$4,417,963
Total AFE (Cost)		Cum Variance (Cost)
\$6,622,071		\$2,204,108
Project Details		
Spud Date		Rig Start Date
8/11/2022		9/16/2022
Target Form		Target Depth (ftK..
WC-B		12,026.0

Key Drilling Vendors	
Service Type	Service Company
Cementing	Halliburton Energy Services, Inc.
Directional	KLX ENERGY SERVICES LLC
Mud	NEWPARK DRILLING FLUIDS L...

Last BOP Test	
Last Date 11/28/2022	Days Until Next Check (da... 14

Safety Meetings	
Date	Des

Casing Strings		
Csg Des	OD (in)	Set Depth (ftKB)
Conductor	20	92
Surface	13 3/8	1,327
Intermediate	9 5/8	11,570
Production	7	23,505

Mud Pumps		
1, Continental-Emsco, FA-1300		
Pump Rating (hp) 1,600.0	Stroke Length (in) 12.01	Rod Diameter (in) 2
Liner Size (in) 5	Vol/Stk (bbl/stk) 0.073	Eff (%) 95
Strokes (spm) 68	Pressure (psi) 4,618.0	Flow Rate (gpm) 198

2, Continental-Emsco, FA-1300		
Pump Rating (hp) 1,600.0	Stroke Length (in) 12.01	Rod Diameter (in) 2
Liner Size (in) 5	Vol/Stk (bbl/stk) 0.073	Eff (%) 95
Strokes (spm) 68	Pressure (psi) 4,894.0	Flow Rate (gpm) 198

3, Continental-Emsco, FA-1300		
Pump Rating (hp) 1,600.0	Stroke Length (in) 12.01	Rod Diameter (in) 2
Liner Size (in) 5	Vol/Stk (bbl/stk) 0.073	Eff (%) 95
Strokes (spm) 68	Pressure (psi) 4,618.0	Flow Rate (gpm) 198

Formation Tops	
Formation Name	Prog Top (TVD) (ftKB)
Lamar	5,197.0
Bell Canyon SD	5,227.0
Cherry Canyon	6,150.0
Brushy Canyon	7,509.0
Bone Spring	8,614.0
1st Bone Lime	8,872.0
1st Bone Sand	9,654.0
2nd Bone Lime	10,139.0
2nd Bone Sand	10,372.0
3rd Bone Carbonate	10,534.0
3rd Bone Shale	10,912.0
3rd Bone Sand	11,194.0
WFMP_T	11,497.0
WFMP_A	11,642.0
WFMP_B	11,962.0
WFMP_C	12,363.0

Survey Data			
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)
23,368.0	91.03	162.01	12,055.9
23,446.6	91.03	161.43	12,054.5
23,463.0	91.03	161.31	12,054.2
23,500.0	90.99	161.83	12,053.6
23,535.0	90.99	161.83	12,053.0



# Daily Drilling Report

**State: Texas    County: Ward**

<b>Contractor:</b> PRECISION DRILLING	<b>Rig Number:</b> 550	<b>Phone:</b> 432-263-9803	<b>Email:</b> pd550rig@pointep.com
<b>KB-Ground Distance (ft):</b> 20.00	<b>Total NPT (hr):</b> 31.00	<b>Report Number:</b> 33	<b>Drilling Days (days):</b> 24.21
<b>End Depth (ftKB):</b> 18,722	<b>Footage (ft):</b> 0	<b>Drilling Hours (hr):</b>	<b>Avg ROP (ft/hr):</b>

Daily Operations	
Report Start 12/6/2022 06:00	Report End 12/7/2022 06:00
Operations at Report Time TIH @ 9,300	Operations Next Report Period FINISH TIH, CONTINUE DRILLING 8.5" LATERAL SECTION

Time Log					
Start Time	End Time	Dur (hr)	Code 3	End Depth (ftKB)	Comment
06:00	07:00	1.00	CIRC	18,722	FINISH CIRCULATING SWEEPS AROUND
07:00	13:30	6.50	TRIP	18,722	STRIP OUT OF HOLE HOLDING 14# EMW F/ 18,722-11,371', W NO ISSUES
13:30	14:30	1.00	CIRC	18,722	TRANSFER MUD CAP TO SLUG TANK, PUMP 150 BBLS OF 17.2PPG MUD CAP
14:30	20:00	5.50	TRIP	18,722	TOOH F/ 11,371'- BHA, HOLE TAKING PROPER FILL F/ TRIP TANK
20:00	22:30	2.50	TRIP	18,722	L/D COMPLETE BHA, BIT GRADE 2/2
22:30	23:00	0.50	SAFETY	18,722	CLEAN AND ORGANIZE RIG FLOOR
23:00	00:30	1.50	TRIP	18,722	P/U BHA #9. REED TKC66 BIT, 675 DTECH RSS,NM UBHO, NMDC, NM STABILIZER, NMPC, FILTER SUB, 6/7 5.0 STG FBH @ 0.0 DEG WITH 8.25" NBS, X/O PTECH 55 BOX X 4.5" IF
00:30	06:00	5.50	TRIP	18,722	TIH F/BHA T/9,300', HOLE DISPLACING PROPERLY, FILL EVERY 30 STDS.

Drilling Details				
Depth Rotating (ft)	Rotating Hours (hr)	Rotating ROP (ft/hr)	% Rotating Time (%)	% Rotating Depth (%)
Depth Sliding (ft)	Sliding Hours (hr)	Sliding ROP (ft/hr)	% Sliding Time (%)	% Sliding Depth (%)

Mud Checks													
Type	Depth (ftKB)	Dens (lb/gal)	Vis (s/qt)	PV OR (cP)	YP OR (lb/100ft²)	Vis 6rpm	pH	Filtrate (mL/30min)	Solids (%)	LGS (%)	Elec Stab (V)	Chlor (mg/L)	OW Ratio
Oil Base	18,722	13.5	53	19.0	15.0	9		10.0	28.3	7.9	407.0	230,205	79.5/20.5

Drill Strings								
BHA # <BHA #?>, Bit Run <Bit Run?>-. <Drill String Name?>								
Size (in)	Make	Model	SN	Depth In (ftKB)	Depth Out (ft...	Depth Drilled...	Job Drill Hrs (hr)	Avg ROP (ft/hr)
TFA (in <sup>2</sup> )	Nozzles (1/32")			IADC Bit Dull				Len (ft)

Components				
Jts	Item Des	OD (in)	ID (in)	Len (ft)

[illegible]

Daily Contacts				
Title	Company	Contact	Phone	Email
SVP Operations	Point Energy	Joel Acosta	405-441-4393	joela@pointep.com
Engineer	Crescent	Parker Cummings	956-693-0063	pcummings@cvmmgmt.com
Rig supervisor	Crescent	Dave Hoggatt	307-660-5541	pd550rig@pointep.com
Rig supervisor	Crescent	Brian Friend	405-777-3433	pd550rig@pointep.com
Rig	Precision	PD 550	432-263-9803	pd550rig@pointep.com

Safety Incidents					
Time	Category	Type	Cause	Lost time?	Severity

Case No.	Case Name	Case Type	Case Status	Case Date	Case Time	Case Location	Case Description	Case Notes	Case Comments
1	John Doe	Medical	Open	2023-01-01	10:00	Room 101	John Doe, 45 years old, male, presented with chest pain and shortness of breath. Vital signs: BP 120/80, HR 90, RR 20, SpO2 98%.	ECG: Sinus tachycardia. CXR: Clear lungs. Bloodwork: Troponin I 0.02, Creatinine 1.2.	Admitted to the medical ward for further observation and treatment.
2	Jane Smith	Medical	Closed	2023-01-02	14:30	Room 202	Jane Smith, 60 years old, female, presented with abdominal pain and nausea. Vital signs: BP 110/70, HR 80, RR 18, SpO2 96%.	ECG: Normal. CXR: No free air. Bloodwork: Amylase 120, Lipase 150.	Discharged on pain management and anti-nausea medication.
3	Michael Brown	Medical	Open	2023-01-03	08:15	Room 303	Michael Brown, 30 years old, male, presented with a laceration on his right forearm. Vital signs: BP 130/90, HR 100, RR 22, SpO2 99%.	ECG: Normal. CXR: No findings. Bloodwork: Hemoglobin 14.5, Hematocrit 45%.	Wound debrided and sutured. Discharged with wound care instructions.
4	Sarah Johnson	Medical	Open	2023-01-04	16:45	Room 404	Sarah Johnson, 55 years old, female, presented with dizziness and lightheadedness. Vital signs: BP 90/60, HR 110, RR 20, SpO2 97%.	ECG: Sinus tachycardia. CXR: Clear lungs. Bloodwork: Hemoglobin 12.0, Hematocrit 38%.	Admitted to the medical ward for further evaluation and treatment.
5	David Wilson	Medical	Closed	2023-01-05	09:30	Room 505	David Wilson, 70 years old, male, presented with confusion and memory loss. Vital signs: BP 140/100, HR 85, RR 16, SpO2 95%.	ECG: Normal. CXR: No findings. Bloodwork: BUN 25, Creatinine 1.8.	Discharged to a nursing home for long-term care.
6	Emily Davis	Medical	Open	2023-01-06	11:00	Room 606	Emily Davis, 25 years old, female, presented with a rash on her arms and legs. Vital signs: BP 120/80, HR 90, RR 18, SpO2 98%.	ECG: Normal. CXR: No findings. Bloodwork: All normal.	Discharged on antihistamine medication.
7	Robert Miller	Medical	Open	2023-01-07	13:15	Room 707	Robert Miller, 65 years old, male, presented with a headache and vomiting. Vital signs: BP 150/100, HR 100, RR 20, SpO2 96%.	ECG: Sinus tachycardia. CXR: No findings. Bloodwork: All normal.	Admitted to the medical ward for further observation and treatment.
8	Lisa Anderson	Medical	Closed	2023-01-08	15:45	Room 808	Lisa Anderson, 40 years old, female, presented with a fever and cough. Vital signs: BP 110/70, HR 90, RR 22, SpO2 97%.	ECG: Normal. CXR: Consolidation in the right lung. Bloodwork: WBC 15,000.	Discharged on antibiotics and cough syrup.
9	James Taylor	Medical	Open	2023-01-09	07:30	Room 909	James Taylor, 50 years old, male, presented with a fall and injury to his left leg. Vital signs: BP 130/90, HR 100, RR 20, SpO2 98%.	ECG: Normal. CXR: No findings. Bloodwork: Hemoglobin 13.5, Hematocrit 40%.	Admitted to the orthopedic ward for further evaluation and treatment.
10	Maria Garcia	Medical	Open	2023-01-10	12:00	Room 1010	Maria Garcia, 35 years old, female, presented with a sore throat and difficulty swallowing. Vital signs: BP 120/80, HR 90, RR 18, SpO2 99%.	ECG: Normal. CXR: No findings. Bloodwork: All normal.	Admitted to the medical ward for further observation and treatment.

Cost Summary	
Report Field Est (Cost)	Cum Field Est (Cost)
\$111,087	\$4,529,050
Total AFE (Cost)	Cum Variance (Cost)
\$6,622,071	\$2,093,021

Project Details		
Spud Date 8/11/2022	Rig Start Date 9/16/2022	
Target Form WC-B	Target Depth (ftK... 23,256.0	Target Depth (T... 12,026.0

Key Drilling Vendors	
Service Type	Service Company
Cementing	Halliburton Energy Services, Inc.
Directional	KLX ENERGY SERVICES LLC
Mud	NEWPARK DRILLING FLUIDS L...

Last BOP Test	
Last Date 11/28/2022	Days Until Next Check (da... 13

Safety Meetings	
Date	Des

Casing Strings		
Csg Des	OD (in)	Set Depth (ftKB)
Conductor	20	92
Surface	13 3/8	1,327
Intermediate	9 5/8	11,570
Production	7	23,505

Mud Pumps		
<b>1, Continental-Emsco, FA-1300</b>		
Pump Rating (hp)	Stroke Length (in)	Rod Diameter (in)
1,600.0	12.01	2
Liner Size (in)	Vol/Stk (bbl/stk)	Eff (%)
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)

<b>2. Continental-Emsco, FA-1300</b>		
Pump Rating (hp) 1,600.0	Stroke Length (in) 12.01	Rod Diameter (in) 2
Liner Size (in)	Vol/Stk (bbl/stk)	Eff (%)
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)

3, Continental-Emsco, FA-1300		
Pump Rating (hp) 1,600.0	Stroke Length (in) 12.01	Rod Diameter (in) 2
Liner Size (in)	Vol/Stk (bbl/stk)	Eff (%)
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)

Formation Tops	
Formation Name	Prog Top (TVD) (ftKB)
Lamar	5,197.0
Bell Canyon SD	5,227.0
Cherry Canyon	6,150.0
Brushy Canyon	7,509.0
Bone Spring	8,614.0
1st Bone Lime	8,872.0
1st Bone Sand	9,654.0
2nd Bone Lime	10,139.0
2nd Bone Sand	10,372.0
3rd Bone Carbonate	10,534.0
3rd Bone Shale	10,912.0
3rd Bone Sand	11,194.0
WFMP_T	11,497.0
WFMP_A	11,642.0
WFMP_B	11,962.0
WFMP_C	12,363.0

Survey Data			
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)
23,368.0	91.03	162.01	12,055.9
23,446.6	91.03	161.43	12,054.5
23,463.0	91.03	161.31	12,054.2
23,500.0	90.99	161.83	12,053.6
23,535.0	90.99	161.83	12,053.0



# Daily Drilling Report

**State: Texas    County: Ward**

<b>Contractor:</b> PRECISION DRILLING	<b>Rig Number:</b> 550	<b>Phone:</b> 432-263-9803	<b>Email:</b> pd550rig@pointep.com
<b>KB-Ground Distance (ft):</b> 20.00	<b>Total NPT (hr):</b> 40.50	<b>Report Number:</b> 34	<b>Drilling Days (days):</b> 25.21
<b>End Depth (ftKB):</b> 19,488	<b>Footage (ft):</b> 766	<b>Drilling Hours (hr):</b> 7.50	<b>Avg ROP (ft/hr):</b> 102.1

Daily Operations					
Report Start 12/7/2022 06:00				Report End 12/8/2022 06:00	
Operations at Report Time TOOH FOR MWD				Operations Next Report Period FINISH TOOHH, P/U NEW MWD, TIH	
Time Log					
Start Time	End Time	Dur (hr)	Code 3	End Depth (ftKB)	Comment
06:00	07:30	1.50	TRIP	18,722	TIH F/ 9,300'- 11,374'
07:30	08:30	1.00	CIRC	18,722	CIRCULATE ECD CAP TO 3,200'
08:30	13:00	4.50	TRIP	18,722	TIH F/ 11,374'- 18,722', WASHED LAST STD DOWN FOR SAFETY
13:00	14:00	1.00	CIRC	18,722	CIRCULATE OUT ECD CAP AND CATCH IN TANK 6
14:00	14:30	0.50	DIRECTIONAL	18,722	DOWNLINK RSS
14:30	20:30	6.00	DRILL	19,330	Drill 8.5" LATERAL SECTION F/18,722' T/19,330' HOLDING 14# EMW WITH MPD ON CONNECTIONS
20:30	22:00	1.50	NPT	19,330	TROUBLE SHOOT MWD
22:00	23:30	1.50	DRILL	19,488	Drill 8.5" LATERAL SECTION F/19,330' T/19,488' HOLDING 14# EMW WITH MPD ON CONNECTIONS
23:30	00:30	1.00	NPT	19,488	TROUBLE SHOOT MWD, PUMP TWO 10 BBL DEISEL SWEEPS
00:30	02:30	2.00	NPT	19,488	PERFORM CUC TO TOOHH FOR NEW MWD, 550 GPM/80 RPM
02:30	06:00	3.50	NPT	19,488	TOOH FOR NEW MWD F/19,488' T/16,050' HOLE TAKING PROPER FILL

Drilling Details				
Depth Rotating (ft) 766.00	Rotating Hours (hr) 7.50	Rotating ROP (ft/hr) 102.1	% Rotating Time (%) 100.00	% Rotating Depth (%) 100.00
Depth Sliding (ft)	Sliding Hours (hr)	Sliding ROP (ft/hr)	% Sliding Time (%) 0.00	% Sliding Depth (%)

Mud Checks													
Type	Depth (ftKB)	Dens (lb/gal)	Vis (s/qt)	PV OR (cP)	YP OR (lbf/100ft²)	Vis 6rpm	pH	Filtrate (mL/30min)	Solids (%)	LGS (%)	Elec Stab (V)	Chlor (mg/L)	OW Ratio
Oil Base	19,069	13.4	56	17.0	14.0	9		10.4	29.9	8.2	429.0	232,169	

Drill Strings								
BHA # 10, Bit Run 8. LATERAL BHA #2								
Size (in)	Make	Model	SN	Depth In (ftKB)	Depth Out (ft...	Depth Drilled...	Job Drill Hrs (hr)	Avg ROP (ft/hr)
8 1/2	REED	TKC66	A294897	18,722.0	20,811.0	2,089.00	28.00	74.6
TFA (in²)	Nozzles (1/32")			IADC Bit Dull				Len (ft)
0.72	12/12/13/13/13/12			-----DTF				106.28

Components				
Jts	Item Des	OD (in)	ID (in)	Len (ft)
	XO Sub	6 11/16	2.81	3.54
1	Mud Motor	7 3/8		31.36
1	Filter Sub	6 3/4	3.50	5.61
1	NMPC	6 3/4	3.25	14.04
1	Stabilizer	6 3/4	2.88	4.36
1	Drill Collar - Non Mag	6 9/16	3.25	29.86
1	UBHO	6 5/8	2.81	3.55
1	Rotary Steerable Tool	6 3/4		12.96

Parameters											
Start Time	End Time	Start Depth (ftKB)	End Depth (ftKB)	Drill Time (hr)	WOB (1000lbf)	RPM (rpm)	Q Flow (gpm)	SPP (psi)	Drill Tq	dP (SPP) (psi)	Int ROP (ft/hr)
14:30	20:30	18,722	19,330	6.00	35	70	600	4,894	19	650	101.3
22:00	23:30	19,330	19,488	1.50	35	70	600	4,894	19	650	105.3

Daily Contacts				
Title	Company	Contact	Phone	Email
SVP Operations	Point Energy	Joel Acosta	405-441-4393	joela@pointep.com
Engineer	Crescent	Parker Cummings	956-693-0063	pcummings@cvmmgmt.com
Rig supervisor	Crescent	Dave Hoggatt	307-660-5541	pd550rig@pointep.com
Rig supervisor	Crescent	Brian Friend	405-777-3433	pd550rig@pointep.com
Rig	Precision	PD 550	432-263-9803	pd550rig@pointep.com

Safety Incidents					
Time	Category	Type	Cause	Last time?	Severity

Cost Summary	
Report Field Est (Cost)	Cum Field Est (Cost)
\$240,032	\$4,769,082
Total AFE (Cost)	Cum Variance (Cost)
\$6,622,071	\$1,852,989

Project Details		
Spud Date 8/11/2022	Rig Start Date 9/16/2022	
Target Form WC-B	Target Depth (ftK... 23,256.0	Target Depth (T... 12,026.0

Key Drilling Vendors	
Service Type	Service Company
Cementing	Halliburton Energy Services, Inc.
Directional	KLX ENERGY SERVICES LLC
Mud	NEWPARK DRILLING FLUIDS L...

<b>Last BOP Test</b>	
Last Date 11/28/2022	Days Until Next Check (da... 12

Safety Meetings	
Date	Des

Csg Des	OD (in)	Set Depth (ftKB)
Conductor	20	92
Surface	13 3/8	1,327
Intermediate	9 5/8	11,570
Production	7	23,505

Mud Pumps		
<b>1, Continental-Emsco, FA-1300</b>		
Pump Rating (hp)	Stroke Length (in)	Rod Diameter (in)
1,600.0	12.01	2
Liner Size (in)	Vol/Stk (bbl/stk)	Eff (%)
5	0.073	
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)
68	4,894.0	198

2, Continental-Emsco, FA-1300		
Pump Rating (hp) 1,600.0	Stroke Length (in) 12.01	Rod Diameter (in) 2
Liner Size (in) 5	Vol/Stk (bbl/stk) 0.073	Eff (%)
Strokes (spm) 68	Pressure (psi) 4,894.0	Flow Rate (gpm) 198

3. Continental-Emsco, FA-1300		
Pump Rating (hp) 1,600.0	Stroke Length (in) 12.01	Rod Diameter (in) 2
Liner Size (in) 5	Vol/Stk (bbl/stk) 0.073	Eff (%)
Strokes (spm) 68	Pressure (psi) 4,894.0	Flow Rate (gpm) 198

Formation Tops	
Formation Name	Prog Top (TVD) (ftKB)
Lamar	5,197.0
Bell Canyon SD	5,227.0
Cherry Canyon	6,150.0
Brushy Canyon	7,509.0
Bone Spring	8,614.0
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2nd Bone Sand	10,372.0
3rd Bone Carbonate	10,534.0
3rd Bone Shale	10,912.0
3rd Bone Sand	11,194.0
WFMP_T	11,497.0
WFMP_A	11,642.0
WFMP_B	11,962.0
WFMP_C	12,363.0

Survey Data			
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)
23,368.0	91.03	162.01	12,055.9
23,446.6	91.03	161.43	12,054.5
23,463.0	91.03	161.31	12,054.2
23,500.0	90.99	161.83	12,053.6
23,535.0	90.99	161.83	12,053.0



# Daily Drilling Report

**AFE: O22TX-0048C**

**API: 42475382540000**

**LAT/LONG: 31.60694, -103.34490**

**State: Texas    County: Ward**

<b>Contractor:</b> PRECISION DRILLING	<b>Rig Number:</b> 550	<b>Phone:</b> 432-263-9803	<b>Email:</b> pd550rig@pointep.com
<b>KB-Ground Distance (ft):</b> 20.00	<b>Total NPT (hr):</b> 64.50	<b>Report Number:</b> 35	<b>Drilling Days (days):</b> 26.21
<b>End Depth (ftKB):</b> 19,488	<b>Footage (ft):</b> 0	<b>Drilling Hours (hr):</b>	<b>Avg ROP (ft/hr):</b>

Report Start 12/8/2022 06:00				Report End 12/9/2022 06:00	
Operations at Report Time TIH @ 15,500'				Operations Next Report Period CONTINUE DRILLING 8.5"LATERAL SECTION	
Time Log					
Start Time	End Time	Dur (hr)	Code 3	End Depth (ftKB)	Comment
06:00	10:00	4.00	NPT	19,488	CONTINUE STRIPPING OUT OF HOLE TO 11,374', HOLDING 14 ECD W/ MPD
10:00	11:00	1.00	NPT	19,488	SPOT 150 BBLS 17.2 ECD CAP
11:00	17:30	6.50	NPT	19,488	TOOH F/ 11,374'- BHA, HOLE TAKING PROPER FILL F/ TRIP TANK
17:30	19:30	2.00	NPT	19,488	VISUALLY INSPECT BHA AND CHANGE OUT MWD. BIT, MOTOR, AND RSS LOOKED GOOD
19:30	01:30	6.00	NPT	19,488	TIH F/BHA T/11,500, HOLE DISPLACING PROPERLY
01:30	02:00	0.50	NPT	19,488	INSTALL ROTATING HEAD RUBBER
02:00	03:30	1.50	NPT	19,488	SLIP AND CUT DRILLING
03:30	04:00	0.50	NPT	19,488	RIG SERVICE
04:00	06:00	2.00	NPT	19,488	TIH F/11,500' T/15,500' HOLE DISPLACING PROPERLY

Depth Rotating (ft)	Rotating Hours (hr)	Rotating ROP (ft/hr)	% Rotating Time (%)	% Rotating Depth (%)
Depth Sliding (ft)	Sliding Hours (hr)	Sliding ROP (ft/hr)	% Sliding Time (%)	% Sliding Depth (%)

Type	Depth (ftKB)	Dens (lb/gal)	Vis (s/qt)	PV OR (cP)	YP OR (lbf/100ft²)	Vis 6rpm	pH	Filtrate (mL/30mi n)	Solids (%)	LGS (%)	Elec Stab (V)	Chlor (mg/L)	OW Ratio
Oil Base	19.488	13.5	59	18.0	14.0	9		11.6	28.5	8.0	414.0	232,169	81.1/18.9

BHA # <BHA #?>, Bit Run <Bit Run?>. <Drill String Name?>								
Size (in)	Make	Model	SN	Depth In (ftKB)	Depth Out (ft...	Depth Drilled...	Job Drill Hrs (hr)	Avg ROP (ft/hr)
TFA (in²)	Nozzles (1/32")			IADC Bit Dull				Len (ft)

Jts	Item Des	OD (in)	ID (in)	Len (ft)

[illegible]

Title	Company	Contact	Phone	Email
SVP Operations	Point Energy	Joel Acosta	405-441-4393	joela@pointep.com
Engineer	Crescent	Parker Cummings	956-693-0063	pcummings@cvmmgmt.com
Rig supervisor	Crescent	Dave Hoggatt	307-660-5541	pd550rig@pointep.com
Rig supervisor	Crescent	Brian Friend	405-777-3433	pd550Rig@pointep.com
Rig	Precision	PD 550	432-263-9803	pd550rig@pointep.com

Time	Category	Type	Cause	Lost time?	Severity

Report Field Est (Cost)	Cum Field Est (Cost)
\$112,743	\$4,881,825
Total AFE (Cost)	Cum Variance (Cost)
\$6,622,071	\$1,740,246

Spud Date 8/11/2022	Rig Start Date 9/16/2022	
Target Form WC-B	Target Depth (ftK... 23,256.0	Target Depth (T... 12,026.0

Service Type	Service Company
Cementing	Halliburton Energy Services, Inc.
Directional	KLX ENERGY SERVICES LLC
Mud	NEWPARK DRILLING FLUIDS L...

Last Date 11/28/2022	Days Until Next Check (da... 11
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Date	Des

Csg Des	OD (in)	Set Depth (ftKB)
Conductor	20	92
Surface	13 3/8	1,327
Intermediate	9 5/8	11,570
Production	7	23,505

<b>1, Continental-Emsco, FA-1300</b>		
Pump Rating (hp)	Stroke Length (in)	Rod Diameter (in)
1,600.0	12.01	2
Liner Size (in)	Vol/Stk (bbl/stk)	Eff (%)
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)

Pump Rating (hp) 1,600.0	Stroke Length (in) 12.01	Rod Diameter (in) 2
Liner Size (in)	Vol/Stk (bbl/stk)	Eff (%)
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)

Pump Rating (hp) 1,600.0	Stroke Length (in) 12.01	Rod Diameter (in) 2
Liner Size (in)	Vol/Stk (bbl/stk)	Eff (%)
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)

Formation Name	Prog Top (TVD) (ftKB)
Lamar	5,197.0
Bell Canyon SD	5,227.0
Cherry Canyon	6,150.0
Brushy Canyon	7,509.0
Bone Spring	8,614.0
1st Bone Lime	8,872.0
1st Bone Sand	9,654.0
2nd Bone Lime	10,139.0
2nd Bone Sand	10,372.0
3rd Bone Carbonate	10,534.0
3rd Bone Shale	10,912.0
3rd Bone Sand	11,194.0
WFMP_T	11,497.0
WFMP_A	11,642.0
WFMP_B	11,962.0
WFMP_C	12,363.0

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)
23,368.0	91.03	162.01	12,055.9
23,446.6	91.03	161.43	12,054.5
23,463.0	91.03	161.31	12,054.2
23,500.0	90.99	161.83	12,053.6
23,535.0	90.99	161.83	12,053.0





# Daily Drilling Report

**State: Texas    County: Ward**

[illegible]





# Daily Drilling Report

**State: Texas    County: Ward**

<b>Contractor:</b> PRECISION DRILLING	<b>Rig Number:</b> 550	<b>Phone:</b> 432-263-9803	<b>Email:</b> pd550rig@pointep.com
<b>KB-Ground Distance (ft):</b> 20.00	<b>Total NPT (hr):</b> 100.00	<b>Report Number:</b> 38	<b>Drilling Days (days):</b> 29.19
<b>End Depth (ftKB):</b> 21,460	<b>Footage (ft):</b> 649	<b>Drilling Hours (hr):</b> 8.00	<b>Avg ROP (ft/hr):</b> 81.1

MD (ftKB)	Incl (°)	Azm (°)	TVD
23,368.0	91.03	162.01	12,
23,446.6	91.03	161.43	12,
23,463.0	91.03	161.31	12,
23,500.0	90.99	161.83	12,
23,535.0	90.99	161.83	12,

Contractor: PRECISION DRILLING	Rig Number: 550	Phone: 432-263-9803	Email: pd550rig@pointep.com
KB-Ground Distance (ft): 20.00	Total NPT (hr): 100.00	Report Number: 39	Drilling Days (days): 30.19
End Depth (ftKB): 23,254	Footage (ft): 1,794	Drilling Hours (hr): 23.00	Avg ROP (ft/hr): 78.0

Daily Operations												Cost Summary									
Report Start 12/12/2022 06:00						Report End 12/13/2022 06:00						Report Field Est (Cost) \$129,114		Cum Field Est (Cost) \$5,406,481							
Operations at Report Time DRILLING 8.5" LATERAL SECTION W/ D-TECH RSS						Operations Next Report Period TOOH FOR PRODUCTION CASING						Total AFE (Cost) \$6,622,071		Cum Variance (Cost) \$1,215,590							
Time Log												Project Details									
Start Time	End Time	Dur (hr)	Code 3	End Depth (ftKB)	Comment							Spud Date 8/11/2022	Rig Start Date 9/16/2022								
06:00	17:30	11.50	DRILL	22,300	DRILL 8.5" LATERAL SECTION F/21,460'-22,300'							Target Form WC-B	Target Depth (ftKB) 23,256.0	Target Depth (T...) 12,026.0							
17:30	18:00	0.50	RIG SERV	22,300	RIG SERVICE							Key Drilling Vendors									
18:00	23:30	5.50	DRILL	22,799	DRILL 8.5" LATERAL SECTION F/22,300'-22,788'																
23:30	00:00	0.50	RIG SERV	22,799	RIG SERVICE																
00:00	06:00	6.00	DRILL	23,254	DRILL 8.5" LATERAL SECTION F/22,788'-23,254																
Drilling Details												Cementing									
Depth Rotating (ft) 1,794.00			Rotating Hours (hr) 23.00		Rotating ROP (ft/hr) 78.0		% Rotating Time (%) 100.00		% Rotating Depth (%) 100.00		Directional		KLX ENERGY SERVICES LLC								
Depth Sliding (ft)			Sliding Hours (hr)		Sliding ROP (ft/hr)		% Sliding Time (%) 0.00		% Sliding Depth (%)		Mud		NEWPARK DRILLING FLUIDS L...								
Mud Checks												Last BOP Test									
Type	Depth (ftKB)	Dens (lb/gal)	Vis (s/qt)	PV OR (cP)	YP OR (lbf/100ft²)	Vis 6rpm	pH	Filtrate (mL/30min)	Solids (%)	LGS (%)	Elec Stab (V)	Chlor (mg/L)	OW Ratio	Last Date 11/28/2022		Days Until Next Check (days) 7					
Oil Base	22,317	13.5	60	20.0	13.0	11		10.6	28.0	7.3	418.0	226,644	79.2/20.8	Safety Meetings							
Drill Strings												Safety Meetings									
BHA # 12, Bit Run 9. LATERAL BHA #4												Date				Des					
Size (in) 8 1/2	Make REED	Model TKC66	SN A288421	Depth In (ftKB) 20,811.0	Depth Out (ft...) 23,535.0	Depth Drilled... 2,724.00	Job Drill Hrs (hr) 37.00	Avg ROP (ft/hr) 73.6													
TFA (in²) 0.72	Nozzles (1/32") 12/12/12/13/13/13				IADC Bit Dull 1-1-----TD				Len (ft) 109.43												
Components												Casing Strings									
Jts	Item Des							OD (in)	ID (in)	Len (ft)											
	XO Sub							6 11/16	2.81	3.54											
1	Mud Motor							7 3/8		34.44											
1	Filter Sub							6 3/4	3.50	5.61											
1	NMPC							6 3/4	3.25	14.04											
1	Stabilizer							6 3/4	2.88	4.36											
1	Drill Collar - Non Mag							6 9/16	3.25	29.86											
1	UBHO							6 5/8	2.81	3.55											
1	Rotary Steerable Tool							6 3/4		13.03											
Parameters												Mud Pumps									
Start Time	End Time	Start Depth (ftKB)	End Depth (ftKB)	Drill Time (hr)	WOB (1000lbf)	RPM (rpm)	Q Flow (gpm)	SPP (psi)	Drill Tq	dP (SPP) (psi)	Int ROP (ft/hr)	1, Continental-Emsco, FA-1300									
06:00	17:30	21,460	22,300	11.50	38	75	550	4,753	22	742	73.0	Pump Rating (hp) 1,600.0									
18:00	23:30	22,300	22,788	5.50	38	75	600	5,184	23	655	88.7	Stroke Length (in) 12.01									
00:00	06:00	22,788	23,254	6.00	38	75	600	5,184	23	7,526	77.7	Rod Diameter (in) 2									
Daily Contacts												Liner Size (in) 5				Vol/Stk (bbl/stk) 0.073		Eff (%) 95			
Title	Company		Contact		Phone		Email					Strokes (spm) 68									
SVP Operations	Point Energy		Joel Acosta		405-441-4393		joela@pointep.com					Pressure (psi) 5,230.0									
Engineer	Crescent		Parker Cummings		956-693-0063		pcummings@cvmgmt.com					Flow Rate (gpm) 198									
Rig supervisor	Crescent		Dave Hoggatt		307-660-5541		pd550rig@pointep.com					3, Continental-Emsco, FA-1300									
Rig supervisor	Crescent		Brian Friend		405-777-3433		pd550rig@pointep.com					Pump Rating (hp) 1,600.0									
Rig	Precision		PD 550		432-263-9803		pd550rig@pointep.com					Stroke Length (in) 12.01									
Safety Incidents												Rod Diameter (in) 2				Liner Size (in) 5		Vol/Stk (bbl/stk) 0.073		Eff (%) 95	
Time	Category		Type		Cause		Lost time?		Severity			Strokes (spm) 68									
												Pressure (psi) 5,230.0									
												Flow Rate (gpm) 198									
												Formation Tops									
												Formation Name		Prog Top (TVD) (ftKB)							
												Lamar		5,197.0							
												Bell Canyon SD		5,227.0							
												Cherry Canyon		6,150.0							
												Brushy Canyon		7,509.0							
												Bone Spring		8,614.0							
												1st Bone Lime		8,872.0							
												1st Bone Sand		9,654.0							
												2nd Bone Lime		10,139.0							
												2nd Bone Sand		10,372.0							
												3rd Bone Carbonate		10,534.0							
												3rd Bone Shale		10,912.0							
												3rd Bone Sand		11,194.0							
												WFMP_T		11,497.0							
												WFMP_A		11,642.0							
												WFMP_B		11,962.0							
												WFMP_C		12,363.0							
												Survey Data									
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)																		
23,368.0	91.03	162.01	12,055.9																		
23,446.6	91.03	161.43	12,054.5																		
23,463.0	91.03	161.31	12,054.2																		
23,500.0	90.99	161.83	12,053.6																		
23,535.0	90.99	161.83	12,053.0																		



Contractor: PRECISION DRILLING	Rig Number: 550	Phone: 432-263-9803	Email: pd550rig@pointep.com
KB-Ground Distance (ft): 20.00	Total NPT (hr): 100.00	Report Number: 40	Drilling Days (days): 31.19
End Depth (ftKB): 23,535	Footage (ft): 281	Drilling Hours (hr): 6.00	Avg ROP (ft/hr): 46.8

Daily Operations											Cost Summary						
Report Start 12/13/2022 06:00						Report End 12/14/2022 06:00											
Operations at Report Time LDDP FOR PRODUCTION CASING						Operations Next Report Period CONTINUE LAYING DOWN DRILL PIPE											
Time Log																	
Start Time	End Time	Dur (hr)	Code 3	End Depth (ftKB)	Comment												
06:00	07:00	1.00	RIG SERV	23,254	RIG SERVICE												
07:00	08:00	1.00	CIRC	23,254	CIRCULATE HOLE WHILE TROUBLESHOOTING TOP DRIVE												
08:00	09:00	1.00	REPAIR RIG	23,254	C/O OUT ELECTRICAL SWITCH FOR TOPDRIVE												
09:00	15:00	6.00	DRILL	23,535	DRILL 8.5 LATERAL SECTION F/ 23,254'- 23,535 @ 50 FPH FOR CLEAN UP CYCLE.  TD @ 15:00 HRS ON 12/13/2022												
15:00	17:00	2.00	CIRC	23,535	CIRCULATE SWEEPS AROUND/FLOW CHECK  NOTIFICATION OF SETTING PRODUCTION CASING (RENEE OPERATOR #6-12/13/2022 @ 23:15)												
17:00	18:30	1.50	TRIP	23,535	TOOH WET TO RUN PRODUCTION CASING F/23,535'-22,227'												
18:30	06:00	11.50	TRIP	23,535	PUMP DRY JOB/LDDP F/22,227'-13,597'												
Drilling Details																	
Depth Rotating (ft) 281.00		Rotating Hours (hr) 6.00		Rotating ROP (ft/hr) 46.8		% Rotating Time (%) 100.00		% Rotating Depth (%) 100.00									
Depth Sliding (ft)		Sliding Hours (hr)		Sliding ROP (ft/hr)		% Sliding Time (%) 0.00		% Sliding Depth (%)									
Mud Checks																	
Type	Depth (ftKB)	Dens (lb/gal)	Vis (s/qt)	PV OR (cP)	YP OR (lbf/100ft²)	Vis 6rpm	pH	Filtrate (mL/30min)	Solids (%)	LGS (%)	Elec Stab (V)	Chlor (mg/L)	OW Ratio				
Oil Base	23,535	13.5	61	18.0	20.0	11		11.2	27.1	7.7	411.0	222,648	79.4/20.6				
Drill Strings																	
BHA # 12, Bit Run 9. LATERAL BHA #4																	
Size (in) 8 1/2		Make REED		Model TKC66		SN A288421		Depth In (ftKB) 20,811.0		Depth Out (ft... 23,535.0		Depth Drilled... 2,724.00		Job Drill Hrs (hr) 37.00		Avg ROP (ft/hr) 73.6	
TFA (in²) 0.72		Nozzles (1/32") 12/12/12/13/13/13				IADC Bit Dull 1-1-----TD								Len (ft) 109.43			
Components																	
Jts	Item Des								OD (in)		ID (in)		Len (ft)				
	XO Sub								6 11/16		2.81		3.54				
1	Mud Motor								7 3/8				34.44				
1	Filter Sub								6 3/4		3.50		5.61				
1	NMPC								6 3/4		3.25		14.04				
1	Stabilizer								6 3/4		2.88		4.36				
1	Drill Collar - Non Mag								6 9/16		3.25		29.86				
1	UBHO								6 5/8		2.81		3.55				
1	Rotary Steerable Tool								6 3/4				13.03				
Parameters																	
Start Time	End Time	Start Depth (ftKB)	End Depth (ftKB)	Drill Time (hr)	WOB (1000lbf)	RPM (rpm)	Q Flow (gpm)	SPP (psi)	Drill Tq	dP (SPP) (psi)	Int ROP (ft/hr)						
09:00	15:00	23,254	23,535	6.00	38	80	600	4,800	23	550	46.8						
Daily Contacts																	
Title		Company		Contact		Phone		Email									
SVP Operations		Point Energy		Joel Acosta		405-441-4393		joela@pointep.com									
Engineer		Crescent		Parker Cummings		956-693-0063		pcummings@cvmgmt.com									
Rig supervisor		Crescent		Dave Hoggatt		307-660-5541		pd550rig@pointep.com									
Rig supervisor		Crescent		Brian Friend		405-777-3433		pd550rig@pointep.com									
Rig		Precision		PD 550		432-263-9803		pd550rig@pointep.com									
Safety Incidents																	
Time	Category		Type			Cause			Lost time?		Severity						

Contractor: PRECISION DRILLING	Rig Number: 550	Phone: 432-263-9803	Email: pd550rig@pointep.com
KB-Ground Distance (ft): 20.00	Total NPT (hr): 100.00	Report Number: 41	Drilling Days (days): 32.19
End Depth (ftKB): 23,535	Footage (ft): 0	Drilling Hours (hr):	Avg ROP (ft/hr):

Daily Operations														Cost Summary							
Report Start 12/14/2022 06:00							Report End 12/15/2022 06:00							Report Field Est (Cost) \$74,787		Cum Field Est (Cost) \$5,606,342					
Operations at Report Time RIGGING UP CASING CREWS							Operations Next Report Period RUN PRODUCTION CASING							Total AFE (Cost) \$6,622,071		Cum Variance (Cost) \$1,015,729					
Time Log														Project Details							
Start Time	End Time	Dur (hr)	Code 3	End Depth (ftKB)	Comment									Spud Date 8/11/2022	Rig Start Date 9/16/2022						
06:00	14:30	8.50	TRIP	23,535	LDDP F/13,597'-5,923', HOLE TAKING PROPER FILL									Target Form WC-B	Target Depth (ftKB) 23,256.0	Target Depth (T...) 12,026.0					
14:30	16:00	1.50	S&C DL	23,535	CUT AND SLIP DRILLING LINE									Key Drilling Vendors							
16:00	16:30	0.50	TRIP	23,535	TIH W/ DP F/ THE DERRICK																
16:30	23:30	7.00	TRIP	23,535	LDDP F/7,394'-1,278', HOLE TAKING PROPER FILL									Service Type		Service Company					
23:30	00:00	0.50	RIG SERV	23,535	RIG SERVICE									Cementing		Halliburton Energy Services, Inc.					
00:00	01:30	1.50	TRIP	23,535	LDDP F/1,278'-BHA, HOLE TAKING PROPER FILL									Directional		KLX ENERGY SERVICES LLC					
01:30	03:00	1.50	TRIP	23,535	L/D BHA. BIT GRADE=1-1									Mud		NEWPARK DRILLING FLUIDS L.					
03:00	03:30	0.50	SAFETY	23,535	CLEAN AND ORGANIZE RIG FLOOR.									Last BOP Test							
03:30	04:30	1.00	RUN CSG/CMT	23,535	PULL WEAR BUSHING, INSTALL TRIP NIPPLE, BREAK DOWN XO AND RETRIEVING TOOL									Last Date 11/28/2022		Days Until Next Check (da...) 5					
04:30	06:00	1.50	RUN CSG/CMT	23,535	INSTALL XO FOR CRT, PJSM WITH BUTCHES CASING CREW, RIG UP CASING CREW.									Safety Meetings							
Drilling Details														Date		Des					
Depth Rotating (ft)			Rotating Hours (hr)		Rotating ROP (ft/hr)		% Rotating Time (%)			% Rotating Depth (%)											
Depth Sliding (ft)			Sliding Hours (hr)		Sliding ROP (ft/hr)		% Sliding Time (%)			% Sliding Depth (%)											
Mud Checks														Casing Strings							
Type	Depth (ftKB)	Dens (lb/gal)	Vis (s/qt)	PV OR (cP)	YP OR (lb/100ft²)	Vis 6rpm	pH	Filtrate (mL/30min)	Solids (%)	LGS (%)	Elec Stab (V)	Chlor (mg/L)	OW Ratio	Csg Des	OD (in)	Set Depth (ftKB)					
Oil Base	23,535	13.5	66	18.0	20.0	11		11.8	27.1	7.7	409.0	222,648	79.4/20.6	Conductor	20	92					
Drill Strings														Surface		13 3/8		1,327			
BHA # <BHA #?>, Bit Run <Bit Run?>. <Drill String Name?>														Intermediate		9 5/8		11,570			
														Production		7		23,505			
Mud Pumps																					
1, Continental-Emsco, FA-1300																					
Pump Rating (hp)		Stroke Length (in)		Rod Diameter (in)												1,600.0		12.01		2	
Liner Size (in)		Vol/Stk (bbl/stk)		Eff (%)																	
Strokes (spm)		Pressure (psi)		Flow Rate (gpm)																	
2, Continental-Emsco, FA-1300																					
Pump Rating (hp)		Stroke Length (in)		Rod Diameter (in)												1,600.0		12.01		2	
Liner Size (in)		Vol/Stk (bbl/stk)		Eff (%)																	
Strokes (spm)		Pressure (psi)		Flow Rate (gpm)																	
3, Continental-Emsco, FA-1300																					
Pump Rating (hp)		Stroke Length (in)		Rod Diameter (in)												1,600.0		12.01		2	
Liner Size (in)		Vol/Stk (bbl/stk)		Eff (%)																	
Strokes (spm)		Pressure (psi)		Flow Rate (gpm)																	
Formation Tops																					
Formation Name				Prog Top (TVD) (ftKB)																	
Lamar				5,197.0																	
Bell Canyon SD				5,227.0																	
Cherry Canyon				6,150.0																	
Brushy Canyon				7,509.0																	
Bone Spring				8,614.0																	
1st Bone Lime				8,872.0																	
1st Bone Sand				9,654.0																	
2nd Bone Lime				10,139.0																	
2nd Bone Sand				10,372.0																	
3rd Bone Carbonate				10,534.0																	
3rd Bone Shale				10,912.0																	
3rd Bone Sand				11,194.0																	
WFMP_T				11,497.0																	
WFMP_A				11,642.0																	
WFMP_B				11,962.0																	
WFMP_C				12,363.0																	
Survey Data																					
MD (ftKB)		Incl (°)		Azm (°)		TVD (ftKB)															
23,368.0		91.03		162.01		12,055.9															
23,446.6		91.03		161.43		12,054.5															
23,463.0		91.03		161.31		12,054.2															
23,500.0		90.99		161.83		12,053.6															
23,535.0		90.99		161.83		12,053.0															



# Daily Drilling Report

**State: Texas    County: Ward**

<b>Contractor:</b> PRECISION DRILLING	<b>Rig Number:</b> 550	<b>Phone:</b> 432-263-9803	<b>Email:</b> pd550rig@pointep.com
<b>KB-Ground Distance (ft):</b> 20.00	<b>Total NPT (hr):</b> 100.00	<b>Report Number:</b> 42	<b>Drilling Days (days):</b> 33.19
<b>End Depth (ftKB):</b> 23,535	<b>Footage (ft):</b> 0	<b>Drilling Hours (hr):</b>	<b>Avg ROP (ft/hr):</b>

Daily Operations					
Report Start 12/15/2022 06:00			Report End 12/16/2022 06:00		
Operations at Report Time RUNNING PRODUCTION CASING			Operations Next Report Period CEMENT PRODUCTION CASING AND NIPPLE DOWN		
Time Log					
Start Time	End Time	Dur (hr)	Code 3	End Depth (ftKB)	Comment
06:00	06:00	24.00	RUN CSG/CMT	23,535	M/U SHOE TRACK AND TEST, RUN 5.5" 20# GBCD P-110 PRODUCTION CASING TO 11,873' INSTALL XO AND RUN 7" 29# P-110 VA-ROUGHNECK CASING F/ 11,873'-17,346'

Drilling Details				
Depth Rotating (ft)	Rotating Hours (hr)	Rotating ROP (ft/hr)	% Rotating Time (%)	% Rotating Depth (%)
Depth Sliding (ft)	Sliding Hours (hr)	Sliding ROP (ft/hr)	% Sliding Time (%)	% Sliding Depth (%)

Mud Checks													
Type	Depth (ft/KB)	Dens (lb/gal)	Vis (s/qt)	PV OR (cP)	YP OR (lb/100ft²)	Vis 6rpm	pH	Filtrate (mL/30min)	Solids (%)	LGS (%)	Elec Stab (V)	Chlor (mg/L)	OW Ratio
Oil Base	23.535	13.5	71	18.0	12.0	10		11.8	27.1	7.7	429.0	222.648	79.4/20.6

Drill Strings								
BHA # <BHA #?>, Bit Run <Bit Run?>. <Drill String Name?>								
Size (in)	Make	Model	SN	Depth In (ftKB)	Depth Out (ft...	Depth Drilled...	Job Drill Hrs (hr)	Avg ROP (ft/hr)
TFA (in <sup>2</sup> )	Nozzles (1/32")			IADC Bit Dull				Len (ft)

Components				
Jts	Item Des	OD (in)	ID (in)	Len (ft)

[illegible]

Daily Contacts				
Title	Company	Contact	Phone	Email
SVP Operations	Point Energy	Joel Acosta	405-441-4393	joela@pointep.com
Engineer	Crescent	Parker Cummings	956-693-0063	pcummings@cvmmgmt.com
Rig supervisor	Crescent	Dave Hoggatt	307-660-5541	pd550rig@pointep.com
Rig supervisor	Crescent	Brian Friend	405-777-3433	pd550rig@pointep.com
Rig	Precision	PD 550	432-263-9803	pd550rig@pointep.com

Safety Incidents					
Time	Category	Type	Cause	Lost time?	Severity

Cost Summary	
Report Field Est (Cost) \$77,454	Cum Field Est (Cost) \$5,683,795
Total AFE (Cost) \$6,622,071	Cum Variance (Cost) \$938,276

Project Details		
Spud Date 8/11/2022	Rig Start Date 9/16/2022	
Target Form WC-B	Target Depth (ftK... 23,256.0	Target Depth (T... 12,026.0

Key Drilling Vendors	
Service Type	Service Company
Cementing	Halliburton Energy Services, Inc.
Directional	KLX ENERGY SERVICES LLC
Mud	NEWPARK DRILLING FLUIDS L...

<b>Last BOP Test</b>	
Last Date 11/28/2022	Days Until Next Check (da... 4

Safety Meetings	
Date	Des

Casing Strings		
Csg Des	OD (in)	Set Depth (ftKB)
Conductor	20	92
Surface	13 3/8	1,327
Intermediate	9 5/8	11,570
Production	7	23,505

Mud Pumps		
1, Continental-Emsco, FA-1300		
Pump Rating (hp)	Stroke Length (in)	Rod Diameter (in)
1,600.0	12.01	2
Liner Size (in)	Vol/Stk (bbl/stk)	Eff (%)
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)

2. Continental-Emsco, FA-1300		
Pump Rating (hp)	Stroke Length (in)	Rod Diameter (in)
1,600.0	12.01	2
Liner Size (in)	Vol/Stk (bbl/stk)	Eff (%)
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)

3, Continental-Emsco, FA-1300		
Pump Rating (hp)	Stroke Length (in)	Rod Diameter (in)
1,600.0	12.01	2
Liner Size (in)	Vol/Stk (bbl/stk)	Eff (%)
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)

Formation Tops	
Formation Name	Prog Top (TVD) (ftKB)
Lamar	5,197.0
Bell Canyon SD	5,227.0
Cherry Canyon	6,150.0
Brushy Canyon	7,509.0
Bone Spring	8,614.0
1st Bone Lime	8,872.0
1st Bone Sand	9,654.0
2nd Bone Lime	10,139.0
2nd Bone Sand	10,372.0
3rd Bone Carbonate	10,534.0
3rd Bone Shale	10,912.0
3rd Bone Sand	11,194.0
WFMP_T	11,497.0
WFMP_A	11,642.0
WFMP_B	11,962.0
WFMP_C	12,363.0

Survey Data			
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)
23,368.0	91.03	162.01	12,055.9
23,446.6	91.03	161.43	12,054.5
23,463.0	91.03	161.31	12,054.2
23,500.0	90.99	161.83	12,053.6
23,535.0	90.99	161.83	12,053.0



UL DINO JUICE 18-40-45 WB3 13H  
Daily Drilling Report

Report Date: 12/17/2022  
AFE: O22TX-0048C  
API: 42475382540000  
LAT/LONG: 31.60694, -103.34490  
State: Texas County: Ward

Contractor: PRECISION DRILLING	Rig Number: 550	Phone: 432-263-9803	Email: pd550rig@pointep.com
KB-Ground Distance (ft): 20.00	Total NPT (hr): 100.00	Report Number: 43	Drilling Days (days): 34.19
End Depth (ftKB): 23,535	Footage (ft): 0	Drilling Hours (hr):	Avg ROP (ft/hr):

Daily Operations					
Report Start 12/16/2022 06:00				Report End 12/17/2022 06:00	
Operations at Report Time NIPPLE DOWN				Operations Next Report Period RIG DOWN	
Time Log					
Start Time	End Time	Dur (hr)	Code 3	End Depth (ftKB)	Comment
06:00	15:00	9.00	RUN CSG/CMT	23,535	RUN A TOTAL OF 277 JTS 5.5" P110 20# GBCD CASING, TOTAL OF 290 JTS OF 7" 29# P110 VA-RN TO 23,505'.  23,502' FS 23,456' FC 23,409' TS 18,174' MJ 11,920' URFC 11,873' 5.5" X 7" XO
15:00	16:00	1.00	RUN CSG/CMT	23,535	LAND CASING IN WELLHEAD, R/D CASING CREWS AND R/U CEMENT HEAD
16:00	19:30	3.50	CIRC	23,535	BURST FRC 1,770 PSI, VENT CASING AND CIRCULATE 1.5 X'S CASING CAPACITY THROUGH CHOKES AND GAS BUSTER
19:30	02:00	6.50	RUN CSG/CMT	23,535	PRESSURE TEST LINE. PUMP 100 BBLS OF 14# TUNED SPACER. PUMP 904 BBLS, 4060 SKS 14 PPG NEOCEM CEMENT (YLD 1.25) @ 5 BBL/MIN. DROP PLUG AND DISPLACE W/ 697 BBLS OF BRINE WATER (FIRST 20 BBLS SUGAR WATER). FCP 4,817 BUMPED PLUG ON TIME 1000 PSI OVER TO 5,600 psi. FLOATS HELD. BLEED BACK 9 BBL, RETURNS WENT FROM FULL TO PARTIAL @ 410 BBLS INTO DISPLACEMENT. 2 BLS OF SPACER TO SURFACE.
02:00	03:00	1.00	RUN CSG/CMT	23,535	RIG DOWN CEMENT LINES, PULL LANDING JOINT, L/D CASING BAILS AND ELEVATORS
03:00	04:00	1.00	RUN CSG/CMT	23,535	INSTALL PACK OFF, PRESSURE TO 5,000 PSI, PULL TEST TO 40K, GOOD TESTS. L/D PACK OFF TOOL.
04:00	06:00	2.00	RUN CSG/CMT	23,535	WASH THROUGH STACK, KILL LINE, CHOKE LINE, GAS BUSTER, MUD PUMP WITH DIESEL AND FRESH WATER

Drilling Details				
Depth Rotating (ft)	Rotating Hours (hr)	Rotating ROP (ft/hr)	% Rotating Time (%)	% Rotating Depth (%)
Depth Sliding (ft)	Sliding Hours (hr)	Sliding ROP (ft/hr)	% Sliding Time (%)	% Sliding Depth (%)

Mud Checks													
Type	Depth (ftKB)	Dens (lb/gal)	Vis (s/qt)	PV OR (cP)	YP OR (lb/100ft²)	Vis 6rpm	pH	Filtrate (mL/30min)	Solids (%)	LGS (%)	Elec Stab (V)	Chlor (mg/L)	OW Ratio

Drill Strings								
BHA # <BHA #?>, Bit Run <Bit Run?>. <Drill String Name?>								
Size (in)	Make	Model	SN	Depth In (ftKB)	Depth Out (ft...	Depth Drilled...	Job Drill Hrs (hr)	Avg ROP (ft/hr)
TFA (in²)	Nozzles (1/32")			IADC Bit Dull				Len (ft)

Components				
Jts	Item Des			Len (ft)

Parameters											
Start Time	End Time	Start Depth (ftKB)	End Depth (ftKB)	Drill Time (hr)	WOB (1000lbf)	RPM (rpm)	Q Flow (gpm)	SPP (psi)	Drill Tq	dP (SPP) (psi)	Int ROP (ft/hr)

Daily Contacts				
Title	Company	Contact	Phone	Email
SVP Operations	Point Energy	Joel Acosta	405-441-4393	joela@pointep.com
Engineer	Crescent	Parker Cummings	956-693-0063	pcummings@cvmgmt.com
Rig supervisor	Crescent	Dave Hoggatt	307-660-5541	pd550rig@pointep.com
Rig supervisor	Crescent	Brian Friend	405-777-3433	pd550rig@pointep.com
Rig	Precision	PD 550	432-263-9803	pd550rig@pointep.com

Safety Incidents					
Time	Category	Type	Cause	Lost time?	Severity

Cost Summary		
Report Field Est (Cost)		Cum Field Est (Cost)
\$1,579,453		\$7,263,248
Total AFE (Cost)		Cum Variance (Cost)
\$6,622,071		(\$641,177)
Project Details		
Spud Date		Rig Start Date
8/11/2022		9/16/2022
Target Form		Target Depth (ftK...)
WC-B		12,026.0
23,256.0		
Key Drilling Vendors		
Service Type		Service Company
Cementing		Halliburton Energy Services, Inc.
Directional		KLX ENERGY SERVICES LLC
Mud		NEWPARK DRILLING FLUIDS L...

Last BOP Test	
Last Date	Days Until Next Check (da...
11/28/2022	3

Safety Meetings	
Date	Des

Casing Strings		
Csg Des	OD (in)	Set Depth (ftKB)
Conductor	20	92
Surface	13 3/8	1,327
Intermediate	9 5/8	11,570
Production	7	23,505

Mud Pumps		
1, Continental-Emsco, FA-1300		
Pump Rating (hp)	Stroke Length (in)	Rod Diameter (in)
1,600.0	12.01	2
Liner Size (in)	Vol/Stk (bbl/stk)	Eff (%)
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)

2, Continental-Emsco, FA-1300		
Pump Rating (hp)	Stroke Length (in)	Rod Diameter (in)
1,600.0	12.01	2
Liner Size (in)	Vol/Stk (bbl/stk)	Eff (%)
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)

3, Continental-Emsco, FA-1300		
Pump Rating (hp)	Stroke Length (in)	Rod Diameter (in)
1,600.0	12.01	2
Liner Size (in)	Vol/Stk (bbl/stk)	Eff (%)
Strokes (spm)	Pressure (psi)	Flow Rate (gpm)

Formation Tops	
Formation Name	Prog Top (TVD) (ftKB)
Lamar	5,197.0
Bell Canyon SD	5,227.0
Cherry Canyon	6,150.0
Brushy Canyon	7,509.0
Bone Spring	8,614.0
1st Bone Lime	8,872.0
1st Bone Sand	9,654.0
2nd Bone Lime	10,139.0
2nd Bone Sand	10,372.0
3rd Bone Carbonate	10,534.0
3rd Bone Shale	10,912.0
3rd Bone Sand	11,194.0
WFMP_T	11,497.0
WFMP_A	11,642.0
WFMP_B	11,962.0
WFMP_C	12,363.0

Survey Data			
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23,446.6	91.03	161.43	12,054.5
23,463.0	91.03	161.31	12,054.2
23,500.0	90.99	161.83	12,053.6
23,535.0	90.99	161.83	12,053.0





# Daily Drilling Report

**State: Texas    County: Ward**

<b>Contractor:</b> PRECISION DRILLING	<b>Rig Number:</b> 550	<b>Phone:</b> 432-263-9803	<b>Email:</b> pd550rig@pointep.com
<b>KB-Ground Distance (ft):</b> 20.00	<b>Total NPT (hr):</b> 100.00	<b>Report Number:</b> 44	<b>Drilling Days (days):</b> 35.19
<b>End Depth (ftKB):</b> 23,535	<b>Footage (ft):</b> 0	<b>Drilling Hours (hr):</b>	<b>Avg ROP (ft/hr):</b>