

Well Name: Hunter B 2604H

API/UWI 42-475-38269	Surface Legal Location 31° 32' 26.49" N, 103° 05' 03.87" W	License # 873433	State/Province Texas
Spud Date 3/16/2022 04:30	Rig Release Date 5/13/2022 18:00	KB-Ground Distance (ft) 26.00	KB-Casing Flange Distance (ft)
Weather Clear	Temperature (°F) 50.0	Road Condition Good	Hole Condition Good
Operations at Report Time Latching on 8" Drill Collar		Operations Next Report Period Drill 17 1/2" Surface Hole	

Operations Summary

Prepare & Walk Rig to Hunter B 2604H, Install 20" Conductor, Rig Up Cuttings Trough and PVC in Backyard, Pick Up 17 1/2" Surface BHA, Spud and Drill to 295', POOH for 8" Drill Collar

Remarks

Contacted TRRC With Intent To Spud, Run & Cement Surface Casing. Spoke With Becky

Mud Volumes

Active Volume (bbl)	Var Active Vol (bbl)	Balance (bbl)	Tank Volume (bbl)	Additions (bbl)	Losses (bbl)	Hole Volume (bbl)
1,313.9	1,313.9	1,313.9	1,240.0	0.0	0.0	73.9

Time Log

Start Time	Dur (hr)	Cum Dur (hr)	End Time	Code 1	Code 2	Problem?	Prob Hrs (hr)	Prob Ref #	Com
21:00	1.00	1.00	22:00	Drilling	Walk Rig	No			Prepare to Walk Rig: Removed Mousehole, Disconnect Geronimo Line, Lift Stairs, Ready Catwalk, Disconnect PVC & Move Cuttings Trough.
22:00	2.50	3.50	00:30	Drilling	Walk Rig	No			Walk Rig From Hunter C 2605H to Hunter B 2604H, Center over Well.
00:30	3.50	7.00	04:00	Drilling	RU Support Equipment	No			Install 2 piece 20" conductor, Install Mousehole, Set Stairs to Rig Floor. Rig Up Back Yard Cuttings Trough and PVC Line to Reserve Pits.
04:00	0.50	7.50	04:30	Drilling	Handling BHA	No			RIH from Derrick with HDBS SF65 W/ 3x16's & 3x18"s (1.32 TFA), Wellbenders 9 5/8" x 8" 7/8 5.9 Stage Motor (.018 RPG) at 1.75 Degrees Fixed, 17" Stabilizer, UBHO, and 2 NMDC. Pick Up Shock Sub, and XO. Tag Bottom of Conductor at 142'. Fill Lines and Test Circulating Equipment. Surface Test MWD - Good. Spud Hunter B 2604H at 04:30 on 3/16/2021. Notified TRRC of Intent to Spud Well, Run & Cement Surface Casing at 10:30 on 3/15/2022. Spoke With Becky.
04:30	1.00	8.50	05:30	Drilling	Drilling Ahead	No			Drill Surface From 146' to 295'.
05:30	0.50	9.00	06:00	Drilling	Trip	No			POOH 2 stds HWD to 114', Latch onto 1 std 8" Drill Collars from Derrick. TIH to 295'

Safety Incidents

Time	Category	Type	Subtype	Cause	Lost time?	Severity

Mud Field Est (Cost)	Cum Mud Field Est (Co...
Start Depth (ftKB)	End Depth (ftKB)
142.0	295.0
Target Formation	Target Depth (ftKB)
Wolfcamp	21,000.0
Last Casing String Conductor, 146.0ftKB	

Daily Contacts

Job Contact
Scott Palmer, Superintendent
Heath Duchesne, ACR
Brannon White, ACR

Rigs

Precision Drilling, 553

Contractor	Rig Number
Precision Drilling	553
Rig Supervisor	
Albert Cruz, Rig Manager	

1, Continental-Emsco, F-1600

Pump #	Pwr (hp)	Rod Dia (in)
1	1,600.0	
Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6	12.00	0.100
P (psi)	Slow Spd	Strokes (s...
1,400.0	No	76
		Eff (%)
		100

2, Continental-Emsco, F-1600

Pump #	Pwr (hp)	Rod Dia (in)
2	1,600.0	
Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6	12.00	0.100
P (psi)	Slow Spd	Strokes (s...
1,400.0	No	76
		Eff (%)
		100

3, Rostel, F-1600

Pump #	Pwr (hp)	Rod Dia (in)
3	1,600.0	
Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6	12.00	0.100
P (psi)	Slow Spd	Strokes (s...
1,400.0	No	76
		Eff (%)
		100

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed

Safety Checks

Time	Type	Des
05:45	Safety Meeting	Pre Tour Safety Meeting

Wellbores

Wellbore Name
Original Hole

Kick Offs & Key Depths

Type	Top Depth (ftKB)
Kick Off	10,193.0

Well Name: Hunter B 2604H

API/UWI 42-475-38269	Surface Legal Location 31° 32' 26.49" N, 103° 05' 03.87" W	License # 873433	State/Province Texas
Spud Date 3/16/2022 04:30	Rig Release Date 5/13/2022 18:00	KB-Ground Distance (ft) 26.00	KB-Casing Flange Distance (ft)
Weather Clear	Temperature (°F) 51.0	Road Condition Good	Hole Condition Good
Operations at Report Time Rigging Down Cement Equipment		Operations Next Report Period Nipple Up Wellhead	

Operations Summary
Drill 17 1/2" Surface Hole F/295' To 1,576', Circ, Wiper Trip, Circ, POOH To Run Casing, Rig Up & Run 13 3/8" Casing, Circ Cond, Cement

Remarks

Mud Volumes

Active Volume (bbl) 436.0	Var Active Vol (bbl) -877.8	Balance (bbl) -877.8	Tank Volume (bbl) 0.0	Additions (bbl) 0.0	Losses (bbl) 0.0	Hole Volume (bbl) 436.0
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Time Log

Start Time	Dur (hr)	Cum Dur (hr)	End Time	Code 1	Code 2	Problem?	Prob Hrs (hr)	Prob Ref #	Com
06:00	7.50	7.50	13:30	Drilling	Drilling Ahead	No			Drill 17 1/2" Surface Hole From 295' To 1,576'.
13:30	1.00	8.50	14:30	Drilling	Cond Mud & Circ	No			Circulate 50 BBL Hi-Vis Sweep Around
14:30	1.00	9.50	15:30	Drilling	Wiper/Condition Trip	No			Trip Out Of Hole From 1,576' To 200'
15:30	1.00	10.50	16:30	Drilling	Wiper/Condition Trip	No			Trip In Hole From 200' To 1,576'
16:30	2.00	12.50	18:30	Drilling	Cond Mud & Circ	No			Circulate 50 BBL Hi-Vis Sweep Around & Continue Circulating until Hole Clean.
18:30	1.00	13.50	19:30	Drilling	Trip	No			Trip Out Of Hole From 1,576' To 114"
19:30	2.00	15.50	21:30	Drilling	Handling BHA	No			Lay Down Directional BHA, Motor Drained as Should, No Bearing Play
21:30	0.50	16.00	22:00	Drilling	RU Support Equipment	No			Clean & Clear Rig Floor In Preparation For Casing Run
22:00	1.00	17.00	23:00	Drilling	RD Support Equipment	No			Hold PJSM, Rig Up Butch's CRT & Casing Running Equipment
23:00	3.50	20.50	02:30	Drilling	Run CSG	No			Make Up 13 3/8" 54.5# J-55 Casing Shoe Tract & Test Floats, Run 13 3/8" Casing From Surface, Pick Up Landing Joint & Land Casing Out @ 1,561' (Shoe Depth). Total Of 11 Centralizers Ran.
02:30	1.00	21.50	03:30	Drilling	Cond Mud & Circ	No			Circulate 2 Bottoms Up @ 500 GPM.
03:30	2.00	23.50	05:30	Drilling	Cementing	No			Rig Up Cementers. Test Lines to 3,000 PSI. Pump 40 BBL Fresh Water Spacer at 7 BPM. Mix and Pump 355 BBLs (846 Sks) 12.0# Class C Lead Cement at 7 BBL/Min. Yield of 2.47 ft3/sk. Mix and Pump 71 BBLs (298 Sks) of 14.8# Class C Tail Cement at 7 BBL/Min. Yield of 1.33 ft3/sk. Drop Top Plug and Displace with 234 BBLs Fresh Water at 8.0 BBLs/Min. Bump Plug F/ 550 T/ 1050 PSI. Bleed Back 1.0 BBLs. Floats Holding. Good Returns Throughout Job. Total of 182 BBLs Of Cement Returned to Surface.
05:30	0.50	24.00	06:00	Drilling	Cementing	No			Rig Down Cement Head, Lines and Casing Bails

Safety Incidents

Time	Category	Type	Subtype	Cause	Lost time?	Severity

Mud Field Est (Cost) 4,556.18	Cum Mud Field Est (Cost) 4,556.18
Start Depth (ftKB) 295.0	End Depth (ftKB) 1,576.0
Target Formation Wolfcamp	Target Depth (ftKB) 21,000.0
Last Casing String Surface, 1,561.0ftKB	

Daily Contacts

Job Contact
Scott Palmer, Superintendent
Heath Duchesne, ACR
Brannon White, ACR

Rigs

Contractor Precision Drilling	Rig Number 553
Rig Supervisor Albert Cruz, Rig Manager	

1, Continental-Emsco, F-1600

Pump # 1	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b...) 0.100
P (psi) 3,250.0	Slow Spd No	Strokes (s...) 76
		Eff (%) 100

2, Continental-Emsco, F-1600

Pump # 2	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b...) 0.100
P (psi) 3,250.0	Slow Spd No	Strokes (s...) 76
		Eff (%) 100

3, Rostel, F-1600

Pump # 3	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b...) 0.100
P (psi) 3,250.0	Slow Spd No	Strokes (s...) 76
		Eff (%) 100

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
Bentonite Bulk	205.00	6.2
Blower Rental	45.00	1.0
Engineering Service	895.00	1.0
Forklift	105.00	1.0
Fuel Surcharge	1.00	112.85
SAPP	89.00	-2.0
Shrink Wrap	20.00	13.0
Soda Ash	16.85	4.0
Stellar PHPA	75.00	2.0
Stellar Zan D	165.00	3.0
Tax	1.00	298.07
Trucking	1.00	868.06
Walnut Medium	16.68	10.0

Safety Checks

Time	Type	Des
17:45	Safety Meeting	Pre Tour Safety Meeting
05:45	Safety Meeting	Pre Tour Safety Meeting

Wellbores

Wellbore Name Original Hole

Kick Offs & Key Depths

Type	Top Depth (ftKB)
Kick Off	10,193.0

Well Name: Hunter B 2604H

API/UWI 42-475-38269	Surface Legal Location 31° 32' 26.49" N, 103° 05' 03.87" W	License # 873433	State/Province Texas
Spud Date 3/16/2022 04:30	Rig Release Date 5/13/2022 18:00	KB-Ground Distance (ft) 26.00	KB-Casing Flange Distance (ft)
Weather Clear & Windy	Temperature (°F) 34.0	Road Condition Good	Hole Condition Good
Operations at Report Time Picking up 12 1/4" BHA		Operations Next Report Period Drill 12 1/4" Intermediate	

Operations Summary
N/D Conductor, Install & Test Well Head, C/O Speed Head Spool, Nipple Up & Test BOPs, Install Wearbushing, P/Up BHA

Remarks
Tiger Safety Rigged Up H2S Equipment. Ironhorse Rigged Up Flare, Flare Lines & Panic Lines

Mud Volumes						
Active Volume (bbl)	Var Active Vol (bbl)	Balance (bbl)	Tank Volume (bbl)	Additions (bbl)	Losses (bbl)	Hole Volume (bbl)
0.0	-436.0	-436.0	0.0	0.0	0.0	0.0

Time Log									
Start Time	Dur (hr)	Cum Dur (hr)	End Time	Code 1	Code 2	Problem?	Prob Hrs (hr)	Prob Ref #	Com
06:00	1.50	1.50	07:30	Drilling	RD Support Equipment	No			Nipple Down & Lay Out Conductor. Swap Out Draw Works Due To Bad Traction Motor.
07:30	2.00	3.50	09:30	Drilling	NU/ND	No			Nipple Up Well Head & Test Seals To 5K PSI.
09:30	2.00	5.50	11:30	Drilling	NU/ND	No			Change Out Speed Head Adapter On BOP Stack
11:30	6.00	11.50	17:30	Drilling	NU/ND	No			Nipple Up BOP Stack, Turnbuckles, Wing Valves, Kill Line, Coflex Choke Line & Install Hydraulic Lines To BOP
17:30	2.50	14.00	20:00	Drilling	NU/ND	No			Change Bore Pipe Rams From 4 1/2" To 5". Rig Up & Install Flare Stack and Panic Lines
20:00	2.00	16.00	22:00	Drilling	RU Support Equipment	No			Install Flow Line, Overboard PVC Line to Reserve Plt, Install Trip Tank Line / Check Valve on Rotating Head.
22:00	5.50	21.50	03:30	Drilling	Pressure Test	No			Open Bottom Casing Valve and Install Test Plug. Test Hydraulic Chokes, Choke Manifold Valves, Upper Pipe Rams, Blind Rams, Lower Pipe Rams, Choke & Kill Manual Valves, Choke HCR Valve and Floor Valves To 250 PSI Low and 5000 PSI High. Test Annular To 250 PSI Low and 3500 PSI High. All Test Done With Fresh Water. Performed Draw Down Test on Koomey. Rig Down Test Equipment.
03:30	1.00	22.50	04:30	Drilling	RU Support Equipment	No			Installed Wearbushing. Close Casing Valve. Lay Out 12 1/4" Directional Assembly
04:30	1.50	24.00	06:00	Drilling	Handling BHA	No			Pick Up Wellbenders 9 5/8" X 8" (7/8 3.4) Mud Motor (.09 Revs/Gal with 1.75° FBH), 11 1/4" Stabilizer, UBHO and 1- NMDC. Scribe Motor & UBHO, Install MWD. Install 12 1/4" (Reed) TKC66 Bit. Pick Up 1- NMDC and Shock Sub

Safety Incidents						
Time	Category	Type	Subtype	Cause	Lost time?	Severity

Mud Field Est (Cost) 13,404.85	Cum Mud Field Est (Co...) 17,961.03
Start Depth (ftKB) 1,576.0	End Depth (ftKB) 1,576.0
Target Formation Wolfcamp	Target Depth (ftKB) 21,000.0
Last Casing String Surface, 1,561.0ftKB	

Daily Contacts	
Job Contact	
Scott Palmer, Superintendent	
Heath Duchesne, ACR	
Brannon White, ACR	

Rigs	
Precision Drilling, 553	
Contractor Precision Drilling	Rig Number 553
Rig Supervisor Albert Cruz, Rig Manager	

1, Continental-Emsco, F-1600			
Pump # 1	Pwr (hp) 1,600.0	Rod Dia (in)	
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b...) 0.100	
P (psi)	Slow Spd	Strokes (s...)	Eff (%)

2, Continental-Emsco, F-1600			
Pump # 2	Pwr (hp) 1,600.0	Rod Dia (in)	
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b...) 0.100	
P (psi)	Slow Spd	Strokes (s...)	Eff (%)

3, Rostel, F-1600			
Pump # 3	Pwr (hp) 1,600.0	Rod Dia (in)	
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b...) 0.100	
P (psi)	Slow Spd	Strokes (s...)	Eff (%)

Mud Additive Amounts		
Des	Field Est (Cost/unit)	Consumed
Engineering Service	895.00	1.0
Hyper Hib	17.82	455.0
Soda Ash	16.85	8.0
Stellar Pac LV	145.00	12.0
Stellar Zan D	165.00	10.0
Tax	1.00	876.95

Safety Checks		
Time	Type	Des
17:45	Safety Meeting	Pre Tour Safety Meeting
05:45	Safety Meeting	Pre Tour Safety Meeting

Wellbores	
Wellbore Name Original Hole	

Kick Offs & Key Depths	
Type	Top Depth (ftKB)
Kick Off	10,193.0

Well Name: Hunter B 2604H

API/UWI 42-475-38269	Surface Legal Location 31° 32' 26.49" N, 103° 05' 03.87" W	License # 873433	State/Province Texas
Spud Date 3/16/2022 04:30	Rig Release Date 5/13/2022 18:00	KB-Ground Distance (ft) 26.00	KB-Casing Flange Distance (ft)
Weather Clear	Temperature (°F) 37.0	Road Condition Good	Hole Condition Good
Operations at Report Time Drilling 12 1/4" Hole at 2,696'		Operations Next Report Period Drill 12 1/4" Intermediate	
Operations Summary TIH W/Directional BHA, P/U 8" & 6 3/4" Drill Collars, TIH With HWDP, Displace, Test Casing, Drill Out, Drill 12 1/4" Hole Section From 1,576' To 2,384', Rig Lost Power, Drill 12 1/4" Hole From 2,384' To 2,410', Rig Lost Power, Drill 12 1/4" Hole From 2,410' To 2,696'			
Remarks			

Mud Volumes

Active Volume (bbl) 345.9	Var Active Vol (bbl) 345.9	Balance (bbl) 345.9	Tank Volume (bbl) 0.0	Additions (bbl) 0.0	Losses (bbl) 0.0	Hole Volume (bbl) 345.9
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Time Log

Start Time	Dur (hr)	Cum Dur (hr)	End Time	Code 1	Code 2	Problem?	Prob Hrs (hr)	Prob Ref #	Com
06:00	1.50	1.50	07:30	Drilling	Handling BHA	No			Trip In Hole With Directional BHA From Surface To 122'
07:30	3.00	4.50	10:30	Drilling	Handling BHA	No			Trip In Hole Picking Up 8" & 6 3/4" Drill Collars From 122' To 576'
10:30	1.00	5.50	11:30	Drilling	Trip	No			Trip In Hole With 5" HWDP & 5" Drill Pipe From 576' To 1,480'
11:30	1.00	6.50	12:30	Drilling	Pressure Test	No			Fill Pipe & Test 13 3/8" Casing to 1,000 PSI For 30 Minutes.
12:30	0.50	7.00	13:00	Drilling	Rig Maintenance	No			Service Rig & Draw Works
13:00	1.50	8.50	14:30	Drilling	Reaming	No			Drill Float Equipment & Shoe Tract From 1,512' To 1,561'. Clean Out Rathole From 1,561' To 1,576'. Tagged Float Collar @ 1,512' & Shoe @ 1,561'.
14:30	8.00	16.50	22:30	Drilling	Drilling Ahead	No			Drill 12 1/4" Hole Section From 1,576' To 2,384'
22:30	0.50	17.00	23:00	Drilling	NPT	No			Re-Start Rig Due to Generator #1 Failure (Overheating) Causing Blackout.
23:00	0.50	17.50	23:30	Drilling	Drilling Ahead	No			Drill 12 1/4" Hole Section From 2,384' To 2,410'
23:30	4.00	21.50	03:30	Drilling	NPT	No			Re-start Rig due to #3 Generator Failure (Failure Overheating), Re-Establish Power, Problems with Valve & Seat in Mud Pump #3, Swap Pumps pump #1 Pulsation Dampner Leaking, Top Drive VFD Fault not allowing Rotation, Troubleshoot and Re-establish Rotation. Rig Blacked out again due to #3 Generator Failure. Re-Establish Power, VFD Fault in Top Drive not allowing Rotation, Troubleshoot and Re-Established Rotation and full pump Speed. Transfer Pumps in Shaker House unable to keep up with Pump Speed, Trouble Shoot Transfer pumps while rigging Up 4" Diesel Transfer Pump. Found Transfer Pump Control System Re-Set to Lower Speed (Due to Power Failure), increased Speed, Transfer Pump Working Properly.
03:30	2.50	24.00	06:00	Drilling	Drilling Ahead	No			Drill 12 1/4" Hole Section From 2,410' To 2,696'

Safety Incidents

Time	Category	Type	Subtype	Cause	Lost time?	Severity

Mud Field Est (Cost) 5,058.86	Cum Mud Field Est (Co... 23,019.89
Start Depth (ftKB) 1,576.0	End Depth (ftKB) 2,696.0
Target Formation Wolfcamp	Target Depth (ftKB) 21,000.0
Last Casing String Surface, 1,561.0ftKB	

Daily Contacts

Job Contact
Scott Palmer, Superintendent
Heath Duchesne, ACR
Brannon White, ACR

Rigs

Precision Drilling, 553

Contractor Precision Drilling	Rig Number 553
Rig Supervisor Albert Cruz, Rig Manager	

1, Continental-Emsco, F-1600

Pump # 1	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi) 2,550.0	Slow Spd No	Strokes (s... 101
		Eff (%) 100

2, Continental-Emsco, F-1600

Pump # 2	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi) 3,250.0	Slow Spd No	Strokes (s... 101
		Eff (%) 100

3, Rostel, F-1600

Pump # 3	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi)	Slow Spd	Strokes (s... Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
Bentonite Bulk	205.00	1.0
Blower Rental	45.00	1.0
Engineering Service	895.00	1.0
Forklift	105.00	1.0
Fuel Surcharge	1.00	112.85
Shrink Wrap	20.00	9.0
Soda Ash	16.85	20.0
Stellar Zan D	165.00	12.0
Tax	1.00	330.95
Trucking	1.00	868.06

Safety Checks

Time	Type	Des
17:45	Safety Meeting	Pre Tour SAFETY Meeting
05:45	Safety Meeting	Pre Tour Safety Meeting

Wellbores

Wellbore Name Original Hole

Kick Offs & Key Depths

Type	Top Depth (ftKB)
Kick Off	10,193.0

Well Name: Hunter B 2604H

API/UWI 42-475-38269	Surface Legal Location 31° 32' 26.49" N, 103° 05' 03.87" W	License # 873433	State/Province Texas
Spud Date 3/16/2022 04:30	Rig Release Date 5/13/2022 18:00	KB-Ground Distance (ft) 26.00	KB-Casing Flange Distance (ft)
Weather Clear	Temperature (°F) 41.0	Road Condition Good	Hole Condition Good
Operations at Report Time Trouble Shoot Rig Power Issues		Operations Next Report Period Wiper Trip	

Operations Summary
Drill 12 1/4" Hole Section From 2,696' To 3,994'. Rig Service. Drill 12 1/4" Hole Section From 3,994' To 5,030'. Rig Blacked Out. Trouble Shoot Rig Power Issues.

Remarks

Mud Volumes

Active Volume (bbl)	Var Active Vol (bbl)	Balance (bbl)	Tank Volume (bbl)	Additions (bbl)	Losses (bbl)	Hole Volume (bbl)
1,851.7	1,505.8	1,505.8	1,200.0	0.0	0.0	651.7

Time Log

Start Time	Dur (hr)	Cum Dur (hr)	End Time	Code 1	Code 2	Problem?	Prob Hrs (hr)	Prob Ref #	Com
06:00	11.50	11.50	17:30	Drilling	Drilling Ahead	No			Drill 12 1/4" Hole Section From 2,696' 3,994'
17:30	0.50	12.00	18:00	Drilling	Rig Maintenance	No			Rig Service
18:00	10.00	22.00	04:00	Drilling	Drilling Ahead	No			Drill 12 1/4" Hole Section From 3,994' To 5,030'
04:00	2.00	24.00	06:00	Drilling	NPT	No			Re-start Rig due to #3 Generator Failure, Re-Establish Power, Top Drive VFD Fault not allowing Rotation, Troubleshoot, unable to Re-Gain Top Drive Power / Controls.

Safety Incidents

Time	Category	Type	Subtype	Cause	Lost time?	Severity

Mud Field Est (Cost) 7,751.35	Cum Mud Field Est (Co... 30,771.24
Start Depth (ftKB) 2,696.0	End Depth (ftKB) 5,030.0
Target Formation Wolfcamp	Target Depth (ftKB) 21,000.0
Last Casing String Surface, 1,561.0ftKB	

Daily Contacts

Job Contact
Scott Palmer, Superintendent
Heath Duchesne, ACR
Brannon White, ACR

Rigs

Precision Drilling, 553

Contractor Precision Drilling	Rig Number 553
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Rig Supervisor
Albert Cruz, Rig Manager

1, Continental-Emsco, F-1600

Pump # 1	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi) 3,050.0	Slow Spd No	Strokes (s... 101
		Eff (%) 100

2, Continental-Emsco, F-1600

Pump # 2	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi)	Slow Spd	Strokes (s... Eff (%)

3, Rostel, F-1600

Pump # 3	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi) 3,050.0	Slow Spd No	Strokes (s... 102
		Eff (%) 100

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
Bentonite Bulk	205.00	2.0
Blower Rental	45.00	1.0
Engineering Service	895.00	1.0
Hyper Hib	1,150.00	1.0
Soda Ash	16.85	25.0
Stellar Defoamer	82.00	14.0
Stellar Pac LV	145.00	10.0
Stellar PHPA	75.00	1.0
Stellar Zan D	165.00	10.0
Tax	1.00	507.1

Safety Checks

Time	Type	Des
17:45	Safety Meeting	Pre Tour Safety Meeting
05:45	Safety Meeting	Pre Tour Safety Meeting

Wellbores

Wellbore Name
Original Hole

Kick Offs & Key Depths

Type	Top Depth (ftKB)
Kick Off	10,193.0

Well Name: Hunter B 2604H

API/UWI 42-475-38269	Surface Legal Location 31° 32' 26.49" N, 103° 05' 03.87" W	License # 873433	State/Province Texas
Spud Date 3/16/2022 04:30	Rig Release Date 5/13/2022 18:00	KB-Ground Distance (ft) 26.00	KB-Casing Flange Distance (ft)
Weather Dusty And Gusty Winds	Temperature (°F) 47.0	Road Condition Good	Hole Condition Good
Operations at Report Time Running 9 5/8" Casing at 3028'		Operations Next Report Period Cement 9 5/8" Casing	

Operations Summary
Drill 12 1/4" Hole F/5,030' T/5,262', Circ, Wiper Trip, Circ, POOH, Pull Wear Bushing, Clear Rig Floor, Rig Up & Run 9 5/8" Casing.

Remarks
Notified TRRC With Intent To Run & Cement 9 5/8" Casing @ 07:30 On 3/20/2022. Spoke With Audrey Operator #2.

Mud Volumes

Active Volume (bbl) 687.5	Var Active Vol (bbl) -1,164.2	Balance (bbl) -1,164.2	Tank Volume (bbl) 0.0	Additions (bbl) 0.0	Losses (bbl) 0.0	Hole Volume (bbl) 687.5
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Time Log

Start Time	Dur (hr)	Cum Dur (hr)	End Time	Code 1	Code 2	Problem?	Prob Hrs (hr)	Prob Ref #	Com
06:00	0.50	0.50	06:30	Drilling	NPT	No			Reset Drive Faults On Top Drive
06:30	3.50	4.00	10:00	Drilling	Drilling Ahead	No			Drill 12 1/4" Hole Section From 5,030' To 5,262'. Notified TRRC With Intent To Run & Cement 9 5/8" Casing @ 07:30 On 3/20/2022. Spoke With Audrey Operator #2.
10:00	1.00	5.00	11:00	Drilling	Cond Mud & Circ	No			Pump & Circulate 50 BBL Hi-Vis Sweep Around
11:00	2.00	7.00	13:00	Drilling	Wiper/Condition Trip	No			Trip Out Of Hole From 5,303' To 1,500' With No Issues
13:00	2.00	9.00	15:00	Drilling	Wiper/Condition Trip	No			Trip In Hole From 1,500' To 5,303' With No Issues
15:00	1.50	10.50	16:30	Drilling	Cond Mud & Circ	No			Pump & Circulate 50 BBL Hi-Vis Sweep Around
16:30	4.50	15.00	21:00	Drilling	Trip	No			Trip Out of Hole From 5,303' to 122'. Hole Slick.
21:00	2.50	17.50	23:30	Drilling	Handling BHA	No			Lay Down Shock Sub and NMDC. Drain Motor and Break Bit. Pull MWD Tool. Lay Down NMDC, UBHO, Stabilizer, and Motor. Drained as Shoud with Minimal Bearing Play. Bit Graded 2-1-BT-A-X-I-CT-TD.
23:30	0.50	18.00	00:00	Drilling	RD Support Equipment	No			Pull Wear Bushing. Installed Trip Nipple.
00:00	0.50	18.50	00:30	Drilling	Rig Maintenance	No			Rig Service: Secure Service Loop in Derrick Due to High Winds.
00:30	1.00	19.50	01:30	Drilling	RU Support Equipment	No			Rig Up Butch's Casing Crew
01:30	0.50	20.00	02:00	Drilling	Safety Meeting	No			Hold PJSM with Butch's and Precision On Running 9 5/8" Casing.
02:00	4.00	24.00	06:00	Drilling	Run CSG	No			Make Up Shoe Track and Test Floats. Run 9 5/8" 40# J-55 LTC Casing From Surface to 3028'.

Safety Incidents

Time	Category	Type	Subtype	Cause	Lost time?	Severity

Mud Field Est (Cost) 9,722.99	Cum Mud Field Est (Co... 40,494.23
Start Depth (ftKB) 5,030.0	End Depth (ftKB) 5,303.0
Target Formation Wolfcamp	Target Depth (ftKB) 21,000.0
Last Casing String 1st Intermediate, 5,288.0ftKB	

Daily Contacts

Job Contact
Scott Palmer, Superintendent
Heath Duchesne, ACR
Brannon White, ACR

Rigs

Precision Drilling, 553

Contractor Precision Drilling	Rig Number 553
Rig Supervisor Albert Cruz, Rig Manager	

1, Continental-Emsco, F-1600

Pump # 1	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi) 3,050.0	Slow Spd No	Strokes (s... 101
		Eff (%) 100

2, Continental-Emsco, F-1600

Pump # 2	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi) 3,250.0	Slow Spd No	Strokes (s... 101
		Eff (%) 100

3, Rostel, F-1600

Pump # 3	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi)	Slow Spd	Strokes (s... Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
Blower Rental	45.00	1.0
Engineering Service	895.00	1.0
Hyper Hib	1,150.00	2.0
Soda Ash	16.85	39.0
Stellar Defoamer	82.00	14.0
Stellar Pac LV	145.00	16.0
Stellar PHPA	75.00	6.0
Stellar Zan D	165.00	7.0
Tax	1.00	636.08
Walnut Medium	16.68	7.0

Safety Checks

Time	Type	Des
17:45	Safety Meeting	Pre Tour Safety Meeting
05:45	Safety Meeting	Pre Tour Safety Meeting

Wellbores

Wellbore Name
Original Hole

Kick Offs & Key Depths

Type	Top Depth (ftKB)
Kick Off	10,193.0

Well Name: Hunter B 2604H

API/UWI 42-475-38269	Surface Legal Location 31° 32' 26.49" N, 103° 05' 03.87" W	License # 873433	State/Province Texas
Spud Date 3/16/2022 04:30	Rig Release Date 5/13/2022 18:00	KB-Ground Distance (ft) 26.00	KB-Casing Flange Distance (ft)
Weather Rainy & Windy	Temperature (°F) 31.0	Road Condition Good	Hole Condition Good
Operations at Report Time Drilling 8 3/4" Hole at 5,375		Operations Next Report Period Drill 8 3/4" 2nd Intermediate	

Operations Summary
Run 9 5/8" Casing, Circ, Perform 2 Stage Cement Job, Flush Stack & Flowline, L/D Landing Joint, Set & Test Packoff, Install Wearbushing, Service Rig, Pick Up 8 3/4" BHA, TIH, Drillout DV Tool and Contingency Collar, TIH, Drill Shoe Track, Clean Out Rate Hole, Drill 8 3/4" Hole Section from 5,303' to 5,375'.

Remarks

Mud Volumes

Active Volume (bbl)	Var Active Vol (bbl)	Balance (bbl)	Tank Volume (bbl)	Additions (bbl)	Losses (bbl)	Hole Volume (bbl)
319.3	-368.2	-368.2	0.0	0.0	0.0	319.3

Time Log

Start Time	Dur (hr)	Cum Dur (hr)	End Time	Code 1	Code 2	Problem?	Prob Hrs (hr)	Prob Ref #	Com
06:00	3.50	3.50	09:30	Drilling	Run CSG	No			Run 9 5/8" 40# J-55 LTC Casing From 3,028' To 5,256', Pick Up Landing Joint & Wash Casing Down From 5,256' To 5,288'. Total Of 133 Joints Of Casing, DV Tool, Packer & Contingency Collar. Dv Tool @ 2,030', Cont Collar @ 2,130', 1st Float Collar @ 5,242', 2nd Float Collar/Shoe @ 5,285'.
09:30	2.00	5.50	11:30	Drilling	Cond Mud & Circ	No			Circulate 2 Bottoms Up @ 360 GPM.
11:30	5.00	10.50	16:30	Drilling	Cementing	No			Test Lines To 5,000 PSI. Pump 60 BBL FW Spacer at 8.4 lb/gal @ 8 BPM. Mix and Pump Lead 447 BBLs (1,064 sks) Class C 12.0# Cement @ 8 BPM. Yield of 2.36 ft3/sk. Mix and Pump Tail 87 BBLs (366 sks) Class C 14.8# Tail Cement @ 8 BPM. Yield of 1.33 ft3/sk. Drop Top Plug, Displace W/ 398 BBL Freshwater @ 8 BBL/Min. Spacer Back. Inflated Packer F/2,192 T/2,430 PSI & Bled Off To 1,800 PSI. 0.5bbls To Inflate Packer. Dropped Opening Cone & Waited 20 Minutes. Opened DV Tool With 520 PSI. Circulated 30bbls Fresh Water @ 8.4 lb/gal @ 6 bpm. Mix & Pumped 166 bbls (394sx) Class C 12# Cement @ 6 bpm. Yield 2.36 ft3/sk. Dropped Closing Plug. Displaced With 154 BBLs Fresh Water. (Full Returns) Cement Back 140 BBLs Into Displacement. 14 BBLs Cement To Surface. Landed Closing Plug 490-1,400 PSI. 900 PSI Over. DV Tool Closed. Bled Back .75 BBL Of Water.
16:30	1.00	11.50	17:30	Drilling	RD Support Equipment	No			Drain BOP Stack, Flush Through Stack & Flowline With Sugar Water, Rig Down Cement Head & Iron, Back Out & Lay Down Landing Joint.
17:30	1.50	13.00	19:00	Drilling	RU Support Equipment	No			Make Up & Set Pack Off, Test Seals To 5,000 PSI (Verified By ACR), Perform Pull test To 40k Over Block Weight. Test Good. Lay Out Running Tool.
19:00	0.50	13.50	19:30	Drilling	RD Support Equipment	No			Install Wear Bushing
19:30	0.50	14.00	20:00	Drilling	Rig Maintenance	No			Rig Service

Mud Field Est (Cost) 1,234.14	Cum Mud Field Est (Co... 41,728.37
Start Depth (ftKB) 5,303.0	End Depth (ftKB) 5,375.0
Target Formation Wolfcamp	Target Depth (ftKB) 21,000.0
Last Casing String 1st Intermediate, 5,288.0ftKB	

Daily Contacts

Job Contact
Scott Palmer, Superintendent
Heath Duchesne, ACR
Brannon White, ACR

Rigs

Precision Drilling, 553

Contractor Precision Drilling	Rig Number 553
Rig Supervisor Albert Cruz, Rig Manager	

1, Continental-Emsco, F-1600

Pump # 1	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi)	Slow Spd	Strokes (s... Eff (%)

2, Continental-Emsco, F-1600

Pump # 2	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi) 1,100.0	Slow Spd No	Strokes (s... Eff (%) 54 100

3, Rostel, F-1600

Pump # 3	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi) 1,100.0	Slow Spd No	Strokes (s... Eff (%) 54 100

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
Bentonite Bulk	205.00	5.0
Blower Rental	45.00	1.0
Engineering Service	895.00	1.0
Mileage	0.75	500.0
Soda Ash	16.85	4.0
Stellar Defoamer	82.00	-6.0
Stellar PHPA	75.00	1.0
Stellar Star 55	69.00	7.0
Stellar Zan D	165.00	-8.0
Tax	1.00	80.74

Safety Checks

Time	Type	Des
17:45	Safety Meeting	Pre Tour Safety Meeting
05:45	Safety Meeting	Pre Tour Safety Meeting

Wellbores

Wellbore Name Original Hole

Kick Offs & Key Depths

Type	Top Depth (ftKB)
Kick Off	10,193.0

Well Name: Hunter B 2604H

Time Log

Start Time	Dur (hr)	Cum Dur (hr)	End Time	Code 1	Code 2	Problem?	Prob Hrs (hr)	Prob Ref #	Com
20:00	2.00	16.00	22:00	Drilling	Handling BHA	No			Make Up 8 3/4" Smith (XZ616) Bit, 6 3/4" NOV 1.83 Mud Motor (7:8 5.7), 8 1/4" Nortrac Stabilizer, UBHO Sub, 2 -NMDC and Installed MWD Tool to 102'. Shallow Tested MWD Tool.
22:00	1.50	17.50	23:30	Drilling	Trip	No			TIH with 6 3/4" DC's, HWDP and 5" Drill Pipe To 2,002'.
23:30	0.50	18.00	00:00	Drilling	RU Support Equipment	No			Remove Trip Nipple & Install Rotating Head
00:00	1.00	19.00	01:00	Drilling	Reaming	No			Fill Drill String, Wash & Ream to 2,028', Drill Plug & DV Tool at 2,030', Wash & Ream Thru DV Tool 2 Times. Run thru 1 Time Without Pumps & Rotation. Wash & Ream to Contingency Collar at 2,130', Drill Out Contingency Collar at 2,130'. Wash & Ream Thru Contingency Collar 2 Times. Run thru 1 Time Without Pumps & Rotation.
01:00	2.00	21.00	03:00	Drilling	Trip	No			Trip In Hole from 2,130' to 5,287'
03:00	1.00	22.00	04:00	Drilling	Pressure Test	No			Fill Drill String. Pump Thru Choke & Fill Gas Buster. Test Casing To 1,500 PSI For 30 Minutes. Test Good
04:00	1.00	23.00	05:00	Drilling	Reaming	No			Drill Plug, Float Collar, Shoe Tract, Float Shoe & Clean Out Rathole From 5,240' To 5,303' with 450 GPM, 20 RPM's, 10K WOB.
05:00	1.00	24.00	06:00	Drilling	Drilling Ahead	No			Drill 8 3/4" Hole Section From 5,303' To 5,375'

Safety Incidents

Time	Category	Type	Subtype	Cause	Lost time?	Severity

Well Name: Hunter B 2604H

API/UWI 42-475-38269	Surface Legal Location 31° 32' 26.49" N, 103° 05' 03.87" W	License # 873433	State/Province Texas
Spud Date 3/16/2022 04:30	Rig Release Date 5/13/2022 18:00	KB-Ground Distance (ft) 26.00	KB-Casing Flange Distance (ft)
Weather Clear	Temperature (°F) 32.0	Road Condition Good	Hole Condition Good
Operations at Report Time Drilling 8 3/4" Hole at 7,375'		Operations Next Report Period Drill 8 3/4" 2nd Intermediate	
Operations Summary Drill 8 3/4" Hole Section From 5,375' To 7,375'.			
Remarks			

Mud Volumes

Active Volume (bbl) 437.0	Var Active Vol (bbl) 117.7	Balance (bbl) 117.7	Tank Volume (bbl) 0.0	Additions (bbl) 0.0	Losses (bbl) 0.0	Hole Volume (bbl) 437.0
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Time Log

Start Time	Dur (hr)	Cum Dur (hr)	End Time	Code 1	Code 2	Problem?	Prob Hrs (hr)	Prob Ref #	Com
06:00	24.00	24.00	06:00	Drilling	Drilling Ahead	No			Drill 8 3/4" Hole Section From 5,375' To 7,375'

Safety Incidents

Time	Category	Type	Subtype	Cause	Lost time?	Severity

Mud Field Est (Cost) 8,416.75	Cum Mud Field Est (Co... 50,145.12
Start Depth (ftKB) 5,375.0	End Depth (ftKB) 7,375.0
Target Formation Wolfcamp	Target Depth (ftKB) 21,000.0
Last Casing String 1st Intermediate, 5,288.0ftKB	

Daily Contacts

Job Contact
Scott Palmer, Superintendent
Heath Duchesne, ACR
Brannon White, ACR

Rigs

Precision Drilling, 553	
Contractor Precision Drilling	Rig Number 553

1, Continental-Emsco, F-1600

Pump # 1	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b...

2, Continental-Emsco, F-1600

Pump #	Pwr (hp)	Rod Dia (in)	
2	1,600.0		
Liner Size (in)	Stroke (in)	Vol/Stk OR (b...	
6	12.00	0.100	
P (psi)	Slow Spd	Strokes (s...	Eff (%)
2,750.0	No	72	100

3, Rostel, F-1600

Pump #	Pwr (hp)	Rod Dia (in)	
3	1,600.0		
Liner Size (in)	Stroke (in)	Vol/Stk OR (b...	
6	12.00	0.100	
P (psi)	Slow Spd	Strokes (s...	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
Barite Bulk	232.00	4.28
Blower Rental	45.00	1.0
Engineering Service	895.00	1.0
Fuel Surcharge	1.00	147.17
Mileage	0.75	500.0
SAPP Sticks	10.00	72.0
Scale Charge	15.00	1.0
Soap Sticks	9.00	72.0
Soda Ash	16.85	25.0
Stellar Defoamer	82.00	4.0
Stellar PHPA	75.00	2.0
Stellar ZAN D	165.00	12.0
Tax	1.00	550.63
Trucking	1.00	1,132.06
Walnut Medium	16.68	1.0

Safety Checks

Time	Type	Des
17:45	Safety Meeting	Pre tour Safety Meeting

Wellbores

Wellbore Name	
Original Hole	
Kick Offs & Key Depths	
Type	Top Depth (ftKB)
Kick Off	10,193.0

Well Name: Hunter B 2604H

API/UWI 42-475-38269	Surface Legal Location 31° 32' 26.49" N, 103° 05' 03.87" W	License # 873433	State/Province Texas
Spud Date 3/16/2022 04:30	Rig Release Date 5/13/2022 18:00	KB-Ground Distance (ft) 26.00	KB-Casing Flange Distance (ft)
Weather Clear	Temperature (°F) 34.0	Road Condition Good	Hole Condition Good
Operations at Report Time TIH at 3,700'		Operations Next Report Period TIH, Drill 8 3/4" 2nd Intermediate	
Operations Summary Drill 8 3/4" 2nd Intermediate From 7,375' to 7,653'. TOOH, Change BHA, Cut Drill Line, TIH			
Remarks			

Mud Volumes

Active Volume (bbl) 453.3	Var Active Vol (bbl) 16.4	Balance (bbl) 16.4	Tank Volume (bbl) 0.0	Additions (bbl) 0.0	Losses (bbl) 0.0	Hole Volume (bbl) 453.3
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Time Log

Start Time	Dur (hr)	Cum Dur (hr)	End Time	Code 1	Code 2	Problem?	Prob Hrs (hr)	Prob Ref #	Com
06:00	6.50	6.50	12:30	Drilling	Drilling Ahead	No			Drill 8 3/4" 2nd Intermediate From 7,375' To 7,610'. Held Location Wide Safety Stand Down With Battalion Management at 06:00.
12:30	0.50	7.00	13:00	Drilling	Rig Maintenance	No			Rig Lost Power While Drilling. Restart Generators and Turn On Drive Systems.
13:00	0.50	7.50	13:30	Drilling	Rig Maintenance	No			Rig Service. Calibrate Draw Works.
13:30	1.50	9.00	15:00	Drilling	Drilling Ahead	No			Drill 8 3/4" 2nd Intermediate From 7,610' To 7,653'. Motor Constantly Stalling While Sliding. Decision Made to TOOH for BHA.
15:00	1.00	10.00	16:00	Drilling	Cond Mud & Circ	No			Circulate While Building Slug. Flow Check - Well Static. Pump Slug.
16:00	5.00	15.00	21:00	Drilling	Trip	No			Trip Out of Hole From 7,653' to 283'. Hole Slick. Pipe Displacement as Calculated.
21:00	2.00	17.00	23:00	Drilling	Handling BHA	No			TOOH W BHA, Checked Mud Motor; bearings appeared to be normal, drained as it should. Broke off bit. Pulled MWD. Scribed & oriented muleshoe in UBHO. Added fluid to HPU.
23:00	3.00	20.00	02:00	Drilling	Cut off Drill Line	No			Cut & slipped Drill Line. Calibrated travelling assembly. Checked C-O-M.
02:00	1.00	21.00	03:00	Drilling	Handling BHA	No			Inserted MWD. MU TKC 76 bit. Tested MWD Tool - Good Test.
03:00	3.00	24.00	06:00	Drilling	Trip	No			TIH From 99' To 3,700'

Safety Incidents

Time	Category	Type	Subtype	Cause	Lost time?	Severity

Mud Field Est (Cost) 8,357.77	Cum Mud Field Est (Co...) 58,502.89
Start Depth (ftKB) 7,375.0	End Depth (ftKB) 7,653.0
Target Formation Wolfcamp	Target Depth (ftKB) 21,000.0
Last Casing String 1st Intermediate, 5,288.0ftKB	

Daily Contacts

Job Contact
Scott Palmer, Superintendent
Nathan Barnes, ACR
Eugene Parker, ACR

Rigs

Contractor Precision Drilling	Rig Number 553
Rig Supervisor Albert Cruz, Rig Manager	

1, Continental-Emsco, F-1600

Pump # 1	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b...) 0.100
P (psi) 2,400.0	Slow Spd No	Strokes (s...) 72
		Eff (%) 100

2, Continental-Emsco, F-1600

Pump # 2	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b...) 0.100
P (psi) 2,400.0	Slow Spd No	Strokes (s...) 72
		Eff (%) 100

3, Rostel, F-1600

Pump # 3	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b...) 0.100
P (psi)	Slow Spd	Strokes (s...)
		Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
Barite Bulk	232.00	9.0
Blower Rental	45.00	1.0
Engineering Service	895.00	1.0
Lime	7.50	65.0
Salt Gel	13.95	130.0
Soda Ash	16.85	20.0
Stellar Zan D	165.00	13.0
Tax	1.00	546.77

Safety Checks

Time	Type	Des
06:05	Safety Meeting	Location Wide Safety Stand Down With Battalion Management
17:45	Safety Meeting	Pre tour Safety Meeting
05:45	Safety Meeting	Pre tour Safety Meeting

Wellbores

Wellbore Name Original Hole

Kick Offs & Key Depths

Type	Top Depth (ftKB)
Kick Off	10,193.0

Well Name: Hunter B 2604H

API/UWI 42-475-38269	Surface Legal Location 31° 32' 26.49" N, 103° 05' 03.87" W	License # 873433	State/Province Texas
Spud Date 3/16/2022 04:30	Rig Release Date 5/13/2022 18:00	KB-Ground Distance (ft) 26.00	KB-Casing Flange Distance (ft)
Weather Clear	Temperature (°F) 41.0	Road Condition Good	Hole Condition Good
Operations at Report Time Drilling 8 3/4" Hole at 8,899'		Operations Next Report Period Drill 8 3/4" 2nd Intermediate to KOP, Possible Bit Trip.	
Operations Summary TIH, Drill 8 3/4" 2nd Intermediate From 7,653' to 8,899'.			
Remarks			

Mud Volumes

Active Volume (bbl) 526.7	Var Active Vol (bbl) 73.4	Balance (bbl) 73.4	Tank Volume (bbl) 0.0	Additions (bbl) 0.0	Losses (bbl) 0.0	Hole Volume (bbl) 526.7
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Time Log

Start Time	Dur (hr)	Cum Dur (hr)	End Time	Code 1	Code 2	Problem?	Prob Hrs (hr)	Prob Ref #	Com
06:00	1.00	1.00	07:00	Drilling	Trip	No			TIH From 3,700' to 5,200'. Displacement as Calculated.
07:00	0.50	1.50	07:30	Drilling	Trip	No			Pull Trip Nipple and Install Rotating Head. Fill Drill Pipe.
07:30	1.00	2.50	08:30	Drilling	Trip	No			TIH From 5,200' to 7,546'. Displacement as Calculated. Hole Slick.
08:30	0.50	3.00	09:00	Drilling	Cond Mud & Circ	No			Fill Pipe and Wash From 7,546' to 7,653'. No Fill.
09:00	21.00	24.00	06:00	Drilling	Drilling Ahead	No			Drill 8 3/4" 2nd Intermediate From 7,653' To 8,899'.

Safety Incidents

Time	Category	Type	Subtype	Cause	Lost time?	Severity

Mud Field Est (Cost) 4,004.81	Cum Mud Field Est (Co...) 62,507.70
Start Depth (ftKB) 7,653.0	End Depth (ftKB) 8,899.0
Target Formation Wolfcamp	Target Depth (ftKB) 21,000.0
Last Casing String 1st Intermediate, 5,288.0ftKB	

Daily Contacts

Job Contact
Scott Palmer, Superintendent
Nathan Barnes, ACR
Eugene Parker, ACR

Rigs

Precision Drilling, 553

Contractor Precision Drilling	Rig Number 553
Rig Supervisor Albert Cruz, Rig Manager	

1, Continental-Emsco, F-1600

Pump # 1	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b...) 0.100
P (psi)	Slow Spd	Strokes (s...) Eff (%)

2, Continental-Emsco, F-1600

Pump # 2	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b...) 0.100
P (psi) 2,700.0	Slow Spd No	Strokes (s...) 70 Eff (%) 100

3, Rostel, F-1600

Pump # 3	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b...) 0.100
P (psi) 2,700.0	Slow Spd No	Strokes (s...) 70 Eff (%) 100

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
Blower Rental	45.00	1.0
Engineering Service	895.00	1.0
Forklift	105.00	1.0
Fuel Surcharge	1.00	112.85
Salt Gel	13.95	95.0
Shrink Wrap	20.00	12.0
Soda Ash	16.85	9.0
Tax	1.00	262.0
Trucking	1.00	868.06

Safety Checks

Time	Type	Des
17:45	Safety Meeting	Pre tour Safety Meeting
05:45	Safety Meeting	Pre tour Safety Meeting

Wellbores

Wellbore Name Original Hole

Kick Offs & Key Depths

Type	Top Depth (ftKB)
Kick Off	10,193.0

Well Name: Hunter B 2604H

API/UWI 42-475-38269	Surface Legal Location 31° 32' 26.49" N, 103° 05' 03.87" W	License # 873433	State/Province Texas
Spud Date 3/16/2022 04:30	Rig Release Date 5/13/2022 18:00	KB-Ground Distance (ft) 26.00	KB-Casing Flange Distance (ft)
Weather Clear	Temperature (°F) 47.0	Road Condition Good	Hole Condition Good
Operations at Report Time TOOH For Curve Assembly at 8,100'.		Operations Next Report Period TOOH, LD DC's and BHA, PU Curve Assembly, TIH, Drill 8 3/4" Curve.	

Operations Summary
Drill 8 3/4" 2nd Intermediate From 7,653' to 10,173'. Circulate Hole Clean. TOOH For Curve Assembly.

Remarks
Current Drill Target: 10,670' TVD @ 0' VS; 87°

Mud Volumes

Active Volume (bbl) 601.6	Var Active Vol (bbl) 75.0	Balance (bbl) 75.0	Tank Volume (bbl) 0.0	Additions (bbl) 0.0	Losses (bbl) 0.0	Hole Volume (bbl) 601.6
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Time Log

Start Time	Dur (hr)	Cum Dur (hr)	End Time	Code 1	Code 2	Problem?	Prob Hrs (hr)	Prob Ref #	Com
06:00	9.50	9.50	15:30	Drilling	Drilling Ahead	No			Drill 8 3/4" 2nd Intermediate From 8,899' to 9,455'.
15:30	1.00	10.50	16:30	Drilling	Rig Maintenance	No			Work on Mud Pumps. Change Seat in MP #1 and Prime Pump #1 and #2.
16:30	11.00	21.50	03:30	Drilling	Drilling Ahead	No			Drill 8 3/4" 2nd Intermediate From 9,455' to 10,173' KOP. Experienced high torque last 3 feet. Flow checked. 9.8 MW in and out.
03:30	1.00	22.50	04:30	Drilling	Cond Mud & Circ	No			CBU x 1.5 While Building Slug. Pumped Slug.
04:30	1.50	24.00	06:00	Drilling	Trip	No			Trip Out of Hole From 10,173' to 8,100'. Hole Slick. Pipe Displacement Fill as Calculated.

Safety Incidents

Time	Category	Type	Subtype	Cause	Lost time?	Severity

Mud Field Est (Cost) 4,637.11	Cum Mud Field Est (Co... 67,144.81
Start Depth (ftKB) 8,899.0	End Depth (ftKB) 10,173.0
Target Formation Wolfcamp	Target Depth (ftKB) 21,000.0
Last Casing String 1st Intermediate, 5,288.0ftKB	

Daily Contacts

Job Contact
Scott Palmer, Superintendent
Nathan Barnes, ACR
Eugene Parker, ACR

Rigs

Precision Drilling, 553

Contractor Precision Drilling	Rig Number 553
Rig Supervisor Albert Cruz, Rig Manager	

1, Continental-Emsco, F-1600

Pump # 1	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi)	Slow Spd	Strokes (s... Eff (%)

2, Continental-Emsco, F-1600

Pump # 2	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi) 2,800.0	Slow Spd No	Strokes (s... Eff (%) 70 100

3, Rostel, F-1600

Pump # 3	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi) 2,800.0	Slow Spd No	Strokes (s... Eff (%) 70 100

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
Blower Rental	45.00	1.0
Engineering Service	895.00	1.0
Salt Gel	13.95	125.0
Stellar Zan D	165.00	10.0
Tax	1.00	303.36

Safety Checks

Time	Type	Des
17:45	Safety Meeting	Pre tour Safety Meeting
05:45	Safety Meeting	Pre tour Safety Meeting

Wellbores

Wellbore Name Original Hole

Kick Offs & Key Depths

Type	Top Depth (ftKB)
Kick Off	10,193.0

Well Name: Hunter B 2604H

API/UWI 42-475-38269		Surface Legal Location 31° 32' 26.49" N, 103° 05' 03.87" W		License # 873433		State/Province Texas		Mud Field Est (Cost) 3,451.29		Cum Mud Field Est (Co... 70,596.10	
Spud Date 3/16/2022 04:30		Rig Release Date 5/13/2022 18:00		KB-Ground Distance (ft) 26.00		KB-Casing Flange Distance (ft)		Start Depth (ftKB) 10,173.0		End Depth (ftKB) 10,181.0	
Weather Clear		Temperature (°F) 51.0		Road Condition Good		Hole Condition Good		Target Formation Wolfcamp		Target Depth (ftKB) 21,000.0	
Operations at Report Time TOOH at 1,800'				Operations Next Report Period Finish TOOH. Replace MWD, Inspect BHA. TIH. Drill Curve to +/- 11,100'.							
Operations Summary TOOH. LD 6.75" DC's. Pick Up Curve Assembly. TIH. Drill 8 3/4" Curve From 10,173' to 10,181', Attempt to Wake Up Failed MWD. TOOH with Inoperative MWD Tool from 10,181' to 1,800'.											
Remarks Current Drill Target: 10,670' TVD @ 0' VS; 87°											
Mud Volumes											
Active Volume (bbl) 437.2		Var Active Vol (bbl) -164.5		Balance (bbl) -164.5		Tank Volume (bbl) 0.0		Additions (bbl) 0.0		Losses (bbl) 0.0	
Hole Volume (bbl) 437.2											
Time Log											
Start Time	Dur (hr)	Cum Dur (hr)	End Time	Code 1	Code 2	Problem?	Prob Hrs (hr)	Prob Ref #	Com		
06:00	3.00	3.00	09:00	Drilling	Trip	No			Trip Out of Hole From 8,100' to 1,014'. Hole Slick. Fill as Calculated. Flow Checked at 5,200' - Well Static		
09:00	0.50	3.50	09:30	Drilling	Trip	No			Remove Rotating Head. Install Trip Nipple.		
09:30	2.00	5.50	11:30	Drilling	Trip	No			Trip Out of Hole With HWDP From 1,014' to 281'. LD 6 3/4" DC's From 281' to 98'.		
11:30	1.00	6.50	12:30	Drilling	Handling BHA	No			Drain Motor and Break Bit. Pull MWD Tool. Lay Out Dirty Motor and Stabilizer. Motor Drained as Expected. Bit Graded 4/6/RO/S/X/1/BT/BHA.		
12:30	1.50	8.00	14:00	Drilling	Handling BHA	No			Pick Up Wellbenders 6/7 5.0 (.31 RPG) Motor at 2.0 FBH with 8.25" Stabilizer. Scribe Motor to UBHO. Install MWD Tool. Make Up Halliburton GTD64C bit W/ 6x15's (1.03 TFA). Surface Test BHA - Test Good.		
14:00	2.00	10.00	16:00	Drilling	Trip	No			Trip In Hole With Drill Pipe and HWDP From 88' to 2,165'. Pipe Displacement as Calculated.		
16:00	0.50	10.50	16:30	Drilling	Handling BHA	No			Fill Pipe. Get Pressure Before Agitator - 600 PSI at 350 GPM. Pick Up Agitator. Get Pressure After Agitator - 900 PSI at 350 GPM.		
16:30	4.50	15.00	21:00	Drilling	Trip	No			Trip In Hole From 2,187' to 9,980". Pipe Displacement as Calculated. Inserted new RH Rubber at 5,100'. Filled DP at 30 stand intervals.		
21:00	1.00	16.00	22:00	Drilling	Cond Mud & Circ	No			Washed from 9,980' to 10,173' TD, with gassy returns routed through open chokes & MGS. Observed 10' to 20' continuous flare for one hour.		
22:00	1.00	17.00	23:00	Drilling	NPT	No			MWD not pulsing correctly. Synced pumps numerous times. Replaced pressure transducer and cord.		
23:00	0.50	17.50	23:30	Drilling	Drilling Ahead	No			Drilled 8 3/4" 2nd Intermediate From 10,173' to 10,181', attempting to wake up MWD. No success.		
23:30	1.00	18.50	00:30	Drilling	NPT	No			9.9 MW. CBU x 1.5 while filled trip tank and built slug. Pumped Slug.		
00:30	4.50	23.00	05:00	Drilling	NPT	No			Trip Out of Hole with inoperative MWD tool, from 10,181' to 2,187'. Hole Slick. Pipe Displacement Fill as Calculated.		
05:00	0.50	23.50	05:30	Drilling	NPT	No			Lay Down Agitator. Test MWD. No Success.		

Daily Contacts		
Job Contact		
Scott Palmer, Superintendent		
Nathan Barnes, ACR		
Eugene Parker, ACR		
Rigs		
Precision Drilling, 553		
Contractor Precision Drilling		Rig Number 553
Rig Supervisor Albert Cruz, Rig Manager		
1, Continental-Emsco, F-1600		
Pump # 1	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi) 3,000.0	Slow Spd No	Strokes (s... 70
Eff (%) 100		
2, Continental-Emsco, F-1600		
Pump # 2	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi)	Slow Spd	Strokes (s... Eff (%)
3, Rostel, F-1600		
Pump # 3	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi) 3,000.0	Slow Spd No	Strokes (s... 70
Eff (%) 100		
Mud Additive Amounts		
Des	Field Est (Cost/unit)	Consumed
Barite Bulk	232.00	4.0
Blower Rental	45.00	1.0
Engineering Service	895.00	1.0
Salt Gel	13.95	50.0
Stellar Zan D	165.00	4.0
Tax	1.00	225.79
Safety Checks		
Time	Type	Des
17:45	Safety Meeting	Pre tour Safety Meeting
05:45	Safety Meeting	Pre tour Safety Meeting
Wellbores		
Wellbore Name Original Hole		
Kick Offs & Key Depths		
Type	Top Depth (ftKB)	
Kick Off	10,193.0	

Daily Contacts

Job Contact

Scott Palmer, Superintendent

Nathan Barnes, ACR

Eugene Parker, ACR

Rigs

Precision Drilling, 553

Contractor Precision Drilling

Rig Number 553

Rig Supervisor

Albert Cruz, Rig Manager

1, Continental-Emsco, F-1600

Pump # 1

Pwr (hp) 1,600.0

Rod Dia (in) 6

Liner Size (in) 12.00

Stroke (in) 0.100

P (psi) 3,000.0

Slow Spd No

Strokes (s...) 70

Eff (%) 100

2, Continental-Emsco, F-1600

Pump # 2

Pwr (hp) 1,600.0

Rod Dia (in) 6

Liner Size (in) 12.00

Stroke (in) 0.100

P (psi) 3,000.0

Slow Spd No

Strokes (s...) 70

Eff (%) 100

3, Rostel, F-1600

Pump # 3

Pwr (hp) 1,600.0

Rod Dia (in) 6

Liner Size (in) 12.00

Stroke (in) 0.100

P (psi) 3,000.0

Slow Spd No

Strokes (s...) 70

Eff (%) 100

Mud Additive Amounts

Des Field Est (Cost/unit) Consume d

Barite Bulk 232.00 4.0

Blower Rental 45.00 1.0

Engineering Service 895.00 1.0

Salt Gel 13.95 50.0

Stellar Zan D 165.00 4.0

Tax 1.00 225.79

Safety Checks

Time Type Des

17:4 Safety Meeting Pre tour Safety Meeting

05:4 Safety Meeting Pre tour Safety Meeting

5

Wellbores

Wellbore Name

Original Hole

Kick Offs & Key Depths

Type Top Depth (ftKB)

Kick Off 10,193.0

Well Name: Hunter B 2604H

Time Log

Start Time	Dur (hr)	Cum Dur (hr)	End Time	Code 1	Code 2	Problem?	Prob Hrs (hr)	Prob Ref #	Com
05:30	0.50	24.00	06:00	Drilling	NPT	No			Trip Out of Hole with inoperative MWD tool, from 2,165' to 1,800'

Safety Incidents

Time	Category	Type	Subtype	Cause	Lost time?	Severity

Well Name: Hunter B 2604H

API/UWI 42-475-38269	Surface Legal Location 31° 32' 26.49" N, 103° 05' 03.87" W	License # 873433	State/Province Texas
Spud Date 3/16/2022 04:30	Rig Release Date 5/13/2022 18:00	KB-Ground Distance (ft) 26.00	KB-Casing Flange Distance (ft)
Weather Clear	Temperature (°F) 55.0	Road Condition Good	Hole Condition Good
Operations at Report Time Drilling 8.75" Curve at 10,363'		Operations Next Report Period Drill 8.75" Curve to +/- 11,100'. Short Trip. Circulate Hole Clean. TOOH to Run 7 5/8" Casing.	

Operations Summary
TOOH. Swap MWD Tools and Bit. TIH. Fix ST-80. TIH. Drill 8.75" Curve From 10,181' to 10,363'.

Remarks
Current Drill Target: 10,670' TVD @ 0' VS; 90°

Mud Volumes

Active Volume (bbl) 443.8	Var Active Vol (bbl) 6.6	Balance (bbl) 6.6	Tank Volume (bbl) 0.0	Additions (bbl) 0.0	Losses (bbl) 0.0	Hole Volume (bbl) 443.8
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Time Log

Start Time	Dur (hr)	Cum Dur (hr)	End Time	Code 1	Code 2	Problem?	Prob Hrs (hr)	Prob Ref #	Com
06:00	1.50	1.50	07:30	Drilling	NPT	No			Pull Rotating Head and Install Trip Nipple. TOOH From 1,800' to 88'.
07:30	1.00	2.50	08:30	Drilling	NPT	No			Drain Motor and Break Bit. Pull MWD Tool and Inspect. Able to Hear MWD Poppet Functioning. Bit Had Several Broken Cutters On Shoulder.
08:30	1.50	4.00	10:00	Drilling	NPT	No			Break UBHO and Replace Sleeve. Scribe Motor to UBHO. Install New MWD Tool and Lock Down. Make Up New Halliburton GTD64C Bit With 6x15's (1.03 TFA).
10:00	1.00	5.00	11:00	Drilling	NPT	No			Attempt to Surface Test MWD. Pumps Acting Erratic. Found Suction Valve Closed. Open Valve and Air Out Pumps. Test MWD - Test Good.
11:00	1.50	6.50	12:30	Drilling	NPT	No			Trip In Hole With Drill Pipe and HWDP From 88' to 2,165'. Pipe Displacement as Calculated.
12:30	0.50	7.00	13:00	Drilling	NPT	No			Pick Up Agitator. Surface Test Agitator and MWD. 900 PSI at 350 GPM. MWD Test Good.
13:00	2.00	9.00	15:00	Drilling	NPT	No			Trip In Hole From 2,187' to 4,700'. Pipe Displacement as Calculated. Slow Trip Time Due to ST-80 Problems.
15:00	1.00	10.00	16:00	Drilling	Rig Maintenance	No			Replace Hydraulic Cylinder on ST-80.
16:00	3.50	13.50	19:30	Drilling	NPT	No			Pull Trip Nipple and Install Rotating Head. Trip In Hole From 4,700' to 10,059'. Pipe Displacement as Calculated. Hole In Good Condition.
19:30	0.50	14.00	20:00	Drilling	NPT	No			Washed from 10,059' to 10,181' TD, with gassy returns routed through open chokes & MGS. Observed 5' to 20' continuous flare for one hour.
20:00	10.00	24.00	06:00	Drilling	Drilling Ahead	No			Drilled 8 3/4" 2nd Intermediate Curve From 10,181' to 10,363'.

Safety Incidents

Time	Category	Type	Subtype	Cause	Lost time?	Severity

Mud Field Est (Cost) 2,162.24	Cum Mud Field Est (Co... 72,758.34
Start Depth (ftKB) 10,181.0	End Depth (ftKB) 10,363.0
Target Formation Wolfcamp	Target Depth (ftKB) 21,000.0
Last Casing String 1st Intermediate, 5,288.0ftKB	

Daily Contacts

Job Contact
Scott Palmer, Superintendent
Nathan Barnes, ACR
Eugene Parker, ACR

Rigs

Precision Drilling, 553

Contractor Precision Drilling	Rig Number 553
Rig Supervisor Albert Cruz, Rig Manager	

1, Continental-Emsco, F-1600

Pump # 1	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi) 3,100.0	Slow Spd No	Strokes (s... 70
		Eff (%) 100

2, Continental-Emsco, F-1600

Pump # 2	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi) 3,100.0	Slow Spd No	Strokes (s... 70
		Eff (%) 100

3, Rostel, F-1600

Pump # 3	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi) 3,100.0	Slow Spd No	Strokes (s... 70
		Eff (%) 100

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
Barite Bulk	232.00	1.48
Blower Rental	45.00	1.0
Engineering Service	895.00	1.0
Lime	7.50	10.0
Salt Gel	13.95	20.0
Stellar Zan D	165.00	2.0
Tax	1.00	194.88

Safety Checks

Time	Type	Des
17:45	Safety Meeting	Pre tour Safety Meeting
05:45	Safety Meeting	Pre tour Safety Meeting

Wellbores

Wellbore Name Original Hole

Kick Offs & Key Depths

Type	Top Depth (ftKB)
Kick Off	10,193.0

Well Name: Hunter B 2604H

API/UWI 42-475-38269	Surface Legal Location 31° 32' 26.49" N, 103° 05' 03.87" W	License # 873433	State/Province Texas
Spud Date 3/16/2022 04:30	Rig Release Date 5/13/2022 18:00	KB-Ground Distance (ft) 26.00	KB-Casing Flange Distance (ft)
Weather Clear	Temperature (°F) 61.0	Road Condition Good	Hole Condition Good
Operations at Report Time TOOH at 1,000'		Operations Next Report Period TOOH, LD BHA, RU and Run 7 5/8" Casing. Circ Prior to Cementing. Cement Casing.	

Operations Summary
Drill 8.75" Curve From 10,363' to 10,970'. Short Trip Out to 10,148, Ream In Hole to 10,970'. Circulate Hole Clean. TOOH to 1,000'.

Remarks
Current Drill Target: 10,645' TVD @ 0° VS; 90°

Mud Volumes

Active Volume (bbl) 465.7	Var Active Vol (bbl) 22.0	Balance (bbl) 22.0	Tank Volume (bbl) 0.0	Additions (bbl) 0.0	Losses (bbl) 0.0	Hole Volume (bbl) 465.7
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Time Log

Start Time	Dur (hr)	Cum Dur (hr)	End Time	Code 1	Code 2	Problem?	Prob Hrs (hr)	Prob Ref #	Com
06:00	12.50	12.50	18:30	Drilling	Drilling Ahead	No			Drill 8.75" Curve From 10,363' to 10,970'. Increase MW From 10.0# to 10.2# Close to TD. No Losses. TD 8.75" Hole at 10,970'
18:30	1.50	14.00	20:00	Drilling	Cond Mud & Circ	No			10.2 MW. Pumped PolyVis sweep and circulated hole clean at 600 GPM. Changed ST-80 dies while circulating.
20:00	0.50	14.50	20:30	Drilling	Wiper/Condition Trip	No			TOOH 10 stands 10,970 ICP to 10,148'. 2 overpulls on first stand; remainder was slick.
20:30	2.00	16.50	22:30	Drilling	Reaming	No			Washed/Reamed through curve 10,148' to 10,970' ICP at 20 FPM pumping 600 to 340 GPM through open chokes & MGS. Service loop crossed up with rotary hose; reoriented hose & service loop. Began losing 1 BPM of mud at the higher pump rate.
22:30	2.50	19.00	01:00	Drilling	Cond Mud & Circ	No			Pumped PolyVis sweep and circulated 420 GPM through open chokes & MGS. Put returns through flow line at midnight & increased pump rate to 600 GPM; noted only a slight loss of 10.2 ppg brine thereafter. No flare.
01:00	5.00	24.00	06:00	Drilling	Trip	No			Pumped slug. TOOH 10,970' to 2,187'. LD Agitator. TOOH to 1,000'. Hole slick and taking proper fill.

Safety Incidents

Time	Category	Type	Subtype	Cause	Lost time?	Severity

Mud Field Est (Cost) 3,846.15	Cum Mud Field Est (Co... 76,604.49
Start Depth (ftKB) 10,363.0	End Depth (ftKB) 10,970.0
Target Formation Wolfcamp	Target Depth (ftKB) 21,000.0
Last Casing String 1st Intermediate, 5,288.0ftKB	

Daily Contacts

Job Contact
Scott Palmer, Superintendent
Nathan Barnes, ACR
Eugene Parker, ACR

Rigs

Precision Drilling, 553

Contractor Precision Drilling	Rig Number 553
Rig Supervisor Albert Cruz, Rig Manager	

1, Continental-Emsco, F-1600

Pump # 1	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi) 3,300.0	Slow Spd No	Strokes (s... 70
		Eff (%) 100

2, Continental-Emsco, F-1600

Pump # 2	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi) 3,300.0	Slow Spd No	Strokes (s... 70
		Eff (%) 100

3, Rostel, F-1600

Pump # 3	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi) 3,300.0	Slow Spd No	Strokes (s... 70
		Eff (%) 100

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
Blower Rental	45.00	1.0
Engineering Service	895.00	1.0
Fuel Surcharge	1.00	147.17
Lime	7.50	20.0
Salt Gel	13.95	74.0
SAPP	89.00	2.0
Scale Charge	15.00	1.0
Tax	1.00	251.62
Trucking	1.00	1,132.06

Safety Checks

Time	Type	Des
17:45	Safety Meeting	Pre tour Safety Meeting
05:45	Safety Meeting	Pre tour Safety Meeting

Wellbores

Wellbore Name Original Hole

Kick Offs & Key Depths

Type	Top Depth (ftKB)
Kick Off	10,193.0

Well Name: Hunter B 2604H

API/UWI 42-475-38269	Surface Legal Location 31° 32' 26.49" N, 103° 05' 03.87" W	License # 873433	State/Province Texas
Spud Date 3/16/2022 04:30	Rig Release Date 5/13/2022 18:00	KB-Ground Distance (ft) 26.00	KB-Casing Flange Distance (ft)
Weather Windy	Temperature (°F) 53.0	Road Condition Good	Hole Condition Good
Operations at Report Time Waiting on Cement		Operations Next Report Period Install Packoff. ND BOPs. Cap Well. Release Rig to Hunter C 2605H.	

Operations Summary
TOOH. LD BHA. Pull Wear Bushing. RU Casing Crew. Run 7 5/8" Casing to 10,154'. Circulate Prior to Cementing. Cement Casing.

Remarks
Notified Rosa With TRRC of Intent to Run and Cement 7 5/8" Casing at 08:00 on 3/29/2022.

Mud Volumes

Active Volume (bbl) 0.0	Var Active Vol (bbl) -465.7	Balance (bbl) -465.7	Tank Volume (bbl) 0.0	Additions (bbl) 0.0	Losses (bbl) 0.0	Hole Volume (bbl) 0.0
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Time Log

Start Time	Dur (hr)	Cum Dur (hr)	End Time	Code 1	Code 2	Problem?	Prob Hrs (hr)	Prob Ref #	Com
06:00	1.00	1.00	07:00	Drilling	Trip	No			TOOH Wet From 1,000' to 88'. Hole Taking Proper Fill.
07:00	1.00	2.00	08:00	Drilling	Handling BHA	No			Lay Down NMDC. Attempt to Drain Motor (Rotary Table Not Functioning) and Break Bit. Pull MWD Tool. Lay Down NMDC, UBHO, and Motor. Bit Graded 1/3/BT/S/X/1/CT/TD.
08:00	0.50	2.50	08:30	Drilling	RU Support Equipment	No			Clean Rig Floor. Pull Wear Bushing. Install Trip Nipple.
08:30	1.00	3.50	09:30	Drilling	RU Support Equipment	No			R/U Butch's CRT, Casing Equipment, and Torque Turn. Hold PJSM With Butch's, Superior Thread Reps, and Precision.
09:30	7.00	10.50	16:30	Drilling	Run CSG	No			PUMU 7 5/8" Float & Shoe Track, Test Floats (Floats Opened Properly), Run 7 5/8" 29.7# HCP110 King Cobra Casing From Surface To 5,000' at 88 FPM. Filling Every 40 Joints with 10.1# WBM.
16:30	1.00	11.50	17:30	Drilling	Rig Maintenance	No			Troubleshoot inoperative Catwalk. Found & tightened loose wiring connection.
17:30	6.50	18.00	00:00	Drilling	Run CSG	No			Ran 7 5/8" 29.7# HCP110 King Cobra Casing 5,000' to 10,925' at 88 FPM. Filled at 40 Joint intervals with 10 ppg WBM. Laid down jt #158 due to dented box. Pipe Displacement 100% of Calculated to 6,000', Then 35% of Calculated, then lost complete returns with shoe depth near 8,000'. Made Up Landing Joint. Slacked off from 10,925' to 10,954' and Landed Casing Hanger in Wellhead. Shoe Set at 10,954, FC at 10,864'. Total of 260 Joints in Int #2 string.
00:00	2.00	20.00	02:00	Drilling	Cond Mud & Circ	No			Engaged CRT. Filled Pipe And monitored Losses. RD casing tongs. No returns at 3.0 BPM until 400 bbls pumped. Slight returns for another 100 bbls pumped. RD CRT tool.
02:00	1.00	21.00	03:00	Drilling	RU Support Equipment	No			Held PJSM with American Cementing and Precision. Laid Out CRT. Installed Cement Head and Iron.

Mud Field Est (Cost) 2,768.32	Cum Mud Field Est (Cost) 79,372.81
Start Depth (ftKB) 10,970.0	End Depth (ftKB) 10,970.0
Target Formation Wolfcamp	Target Depth (ftKB) 21,000.0
Last Casing String 2nd Intermediate, 10,954.0ftKB	

Daily Contacts

Job Contact
Scott Palmer, Superintendent
Nathan Barnes, ACR
Eugene Parker, ACR

Rigs

Precision Drilling, 553

Contractor Precision Drilling	Rig Number 553
Rig Supervisor Albert Cruz, Rig Manager	

1, Continental-Emsco, F-1600

Pump # 1	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b...) 0.100
P (psi) 460.0	Slow Spd No	Strokes (s...) 40
		Eff (%) 100

2, Continental-Emsco, F-1600

Pump # 2	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b...) 0.100
P (psi)	Slow Spd	Strokes (s...)
		Eff (%)

3, Rostel, F-1600

Pump # 3	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b...) 0.100
P (psi)	Slow Spd	Strokes (s...)
		Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
Barite Bulk	232.00	5.52
Blower Rental	45.00	2.0
Engineering Service	895.00	1.0
Mileage	0.75	500.0
Tax	1.00	127.68

Safety Checks

Time	Type	Des
10:00	Safety Meeting	PJSM With Butch's, Superior, and Precision on Running 7 5/8" Casing
17:45	Safety Meeting	Pre tour Safety Meeting
02:30	Safety Meeting	PJSM With American and Precision on Cementing
05:45	Safety Meeting	Pre tour Safety Meeting

Wellbores

Wellbore Name	
Original Hole	
Kick Offs & Key Depths	
Type	Top Depth (ftKB)
Kick Off	10,193.0

Well Name: Hunter B 2604H

Time Log

Start Time	Dur (hr)	Cum Dur (hr)	End Time	Code 1	Code 2	Problem?	Prob Hrs (hr)	Prob Ref #	Com
03:00	2.50	23.50	05:30	Drilling	Cementing	No			Tested Lines To 5,000 PSI. Pumped 30 BBLs Spacer at 10.5 ppg at 5 BPM. Mix and Pumped 127 BBLs (214 sks) 11.0# Class C IntegraCem Lead Cement at 5 BPM. Yield of 3.34 ft3/sk. Mix and Pumped 61 BBLs (242 sks) 13.2# Class H Tail Cement at 5 BPM. Yield of 1.41 ft3/sk. Released Top Plug. Displaced With 500 BBLs FW at 5 BPM. Bumped Plug From 2,000 PSI to 2,500 PSI at 3.3 BPM. Bled Back 4.5 BBLs. Floats Held. Initial Returns of 1.5 BPM; Increaseing to 4.75 BPM While Displacing.
05:30	0.50	24.00	06:00	Drilling	Wait on Cement	No			Divert Returns Through Gas Buster at Plug Drop. No Flare.
									Minimal Flow After Plug Bump. Close Chokes and Monitor SICP. 0 PSI.

Safety Incidents

Time	Category	Type	Subtype	Cause	Lost time?	Severity

Well Name: Hunter B 2604H

API/UWI 42-475-38269	Surface Legal Location 31° 32' 26.49" N, 103° 05' 03.87" W	License # 873433	State/Province Texas
Spud Date 3/16/2022 04:30	Rig Release Date 5/13/2022 18:00	KB-Ground Distance (ft) 26.00	KB-Casing Flange Distance (ft)
Weather Windy	Temperature (°F) 55.0	Road Condition Good	Hole Condition Good
Operations at Report Time Rig Released to Hunter C 2605H		Operations Next Report Period	
Operations Summary WOC. Open Well and Monitor Flow. LD Landing Joint. Install and Test Packoff. Cap Well.			
Remarks			

Mud Volumes

Active Volume (bbl) 0.0	Var Active Vol (bbl) 0.0	Balance (bbl) 0.0	Tank Volume (bbl) 0.0	Additions (bbl) 0.0	Losses (bbl) 0.0	Hole Volume (bbl) 0.0
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Time Log

Start Time	Dur (hr)	Cum Dur (hr)	End Time	Code 1	Code 2	Problem?	Prob Hrs (hr)	Prob Ref #	Com
06:00	0.50	0.50	06:30	Drilling	Wait on Cement	No			Continue to Monitor SICP. 0 PSI after One Hour. Open Up Well and Check Flow. Well Static.
									Empty and Clean Pits 1-3.
06:30	2.50	3.00	09:00	Drilling	RU Support Equipment	No			Back Out Landing Joint. Open Casing Valve and Drain Stack. Install Cactus Packoff and Test to 5,000 PSI. Pull Test 40K Over. Engage Packoff. Test to 5,000 PSI. Stage Up to 12,500 PSI and Break Rupture Disc.
09:00	1.50	4.50	10:30	Drilling	NU/ND	No			Break Pins on Cactus Drilling Adapter. Pick Up BOPs With Mandrel and Bottom Rams.
10:30	1.50	6.00	12:00	Drilling	RU Support Equipment	No			Cap Well. Release to Hunter C 2605H at 12:00 on 3/30/2022.

Safety Incidents

Time	Category	Type	Subtype	Cause	Lost time?	Severity

Mud Field Est (Cost)	Cum Mud Field Est (Co...)
	79,372.81
Start Depth (ftKB)	End Depth (ftKB)
10,970.0	10,970.0
Target Formation	Target Depth (ftKB)
Wolfcamp	21,000.0
Last Casing String	
2nd Intermediate, 10,954.0ftKB	

Daily Contacts

Job Contact
Scott Palmer, Superintendent
Nathan Barnes, ACR
Eugene Parker, ACR

Rigs

Contractor	Rig Number
Precision Drilling	553
Rig Supervisor	
Albert Cruz, Rig Manager	

1, Continental-Emsco, F-1600

Pump #	Pwr (hp)	Rod Dia (in)
1	1,600.0	
Liner Size (in)	Stroke (in)	Vol/Stk OR (b...)
6	12.00	0.100
P (psi)	Slow Spd	Strokes (s...)
		Eff (%)

2, Continental-Emsco, F-1600

Pump #	Pwr (hp)	Rod Dia (in)
2	1,600.0	
Liner Size (in)	Stroke (in)	Vol/Stk OR (b...)
6	12.00	0.100
P (psi)	Slow Spd	Strokes (s...)
		Eff (%)

3, Rostel, F-1600

Pump #	Pwr (hp)	Rod Dia (in)
3	1,600.0	
Liner Size (in)	Stroke (in)	Vol/Stk OR (b...)
6	12.00	0.100
P (psi)	Slow Spd	Strokes (s...)
		Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name
Original Hole

Kick Offs & Key Depths

Type	Top Depth (ftKB)
Kick Off	10,193.0

Well Name: Hunter B 2604H

API/UWI 42-475-38269	Surface Legal Location 31° 32' 26.49" N, 103° 05' 03.87" W	License # 873433	State/Province Texas
Spud Date 3/16/2022 04:30	Rig Release Date 5/13/2022 18:00	KB-Ground Distance (ft) 26.00	KB-Casing Flange Distance (ft)
Weather Clear	Temperature (°F) 53.0	Road Condition Good	Hole Condition Good
Operations at Report Time TIH at 9,500'		Operations Next Report Period TIH to 10,800'. Displace with OBM. Test Casing. Drill Float Equipment. Drill 6.75" Lateral	

Operations Summary

Walk Rig From Hunter C 2605H. NU BOPs. Test BOPs. Rig Up Backyard. Cut Drill Line. PU BHA. TIH.

Remarks

Current Target: 10,660' TVD @ 0° VS; -5.0 Degrees

David Arrey and Jessica Pena With O.S.H.A. Visited Location and Conducted an Inspection at 10:00 on 4/27/2022.

Mud Volumes

Active Volume (bbl)	Var Active Vol (bbl)	Balance (bbl)	Tank Volume (bbl)	Additions (bbl)	Losses (bbl)	Hole Volume (bbl)
0.0	0.0	0.0	0.0	0.0	0.0	0.0

Time Log

Start Time	Dur (hr)	Cum Dur (hr)	End Time	Code 1	Code 2	Problem?	Prob Hrs (hr)	Prob Ref #	Com
08:00	2.00	2.00	10:00	Drilling	Walk Rig	No			Walk Rig From Hunter C 2605H to Hunter B 2604H.
10:00	0.50	2.50	10:30	Drilling	NU/ND	No			Remove T/A Cap From Hunter B 2604H.
10:30	2.00	4.50	12:30	Drilling	NU/ND	No			Set BOP On Wellhead. Torque Lock Down Pins On Cactus Quick Attach. Install Kill Line. Center Stack and Tighten Turnbuckles.
12:30	4.50	9.00	17:00	Drilling	Pressure Test	No			Hold PJSM With Iron Horse Testers. Open Top Casing Valve. Test Choke Manifold, Pipe Rams, Blind Rams, Top Drive Valves, Choke Line Valves, Kill Line Valves, and Floor Valves to 250 PSI Low, 5,000 PSI High. Test Annular to 250 PSI Low, 3,500 PSI High. All Tests Good. Close Casing Valve.
									Move And Rig Up Back Yard Equipment.
17:00	0.50	9.50	17:30	Drilling	RU Support Equipment	No			Pull Test Plug. Install Wear Bushing.
17:30	1.00	10.50	18:30	Drilling	RU Support Equipment	No			Rig Up Overboard Line.
18:30	2.50	13.00	21:00	Drilling	Cut off Drill Line	No			Cut & slipped 100' of drill line. Calibrated traveling assy. Loaded pipe racks with Mud Motor & NMDCs. Placed subs, 3 crossovers and bit on rig floor for Lateral Assembly. Added skirting around pollution pan.
21:00	1.50	14.50	22:30	Drilling	Rig Maintenance	No			TDU was leaking hydraulic fluid onto floor. Repaired TDU leak. Loosened & reoriented rotary hose to avoid hanging any derrick beams. Serviced rig & TDU. Cleaned OBM from floor.
22:30	2.00	16.50	00:30	Drilling	Handling BHA	No			PUMU NOV 6/7, 7.8 Stage Motor at 1.83° FBH (0.58 RPG), with 6 1/4" NBS. PUMU UBHO, 6 1/4" Stabilizer & 1 NMDC. Scribed Motor to UBHO. Installed MWD & Locked Down. Made Up 6 3/4" Reed TKC63-S1 with 6 x12s (0.66 TFA). PUMU 1 NMDC, float sub and crossover. Surface test MWD with water from slugging tank. Returns diverted to pit.
00:30	1.50	18.00	02:00	Drilling	Trip	No			TIH with lateral assy on 4 1/2" DP from 103' to 2,103'.
02:00	0.50	18.50	02:30	Drilling	Handling BHA	No			Filled DP with water. PUMU NOV Agitator. Recorded pump pressures before & after agitator. 1200 PSI / 1,500 PSI at 235 GPM.

Mud Field Est (Cost) 6,881.17	Cum Mud Field Est (Co... 86,253.98
Start Depth (ftKB) 11,243.0	End Depth (ftKB) 11,243.0
Target Formation Wolfcamp	Target Depth (ftKB) 21,000.0
Last Casing String 2nd Intermediate, 10,954.0ftKB	

Daily Contacts

Job Contact
Scott Palmer, Superintendent
Nathan Barnes, ACR
Eugene Parker, ACR

Rigs

Precision Drilling, 553

Contractor Precision Drilling	Rig Number 553
Rig Supervisor Albert Cruz, Rig Manager	

1, Continental-Emsco, F-1600

Pump # 1	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi)	Slow Spd	Strokes (s... Eff (%)

2, Continental-Emsco, F-1600

Pump # 2	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi)	Slow Spd	Strokes (s... Eff (%)

3, Rostel, F-1600

Pump # 3	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi)	Slow Spd	Strokes (s... Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
Bar Bin Rental	700.00	2.0
Blower Rental	45.00	1.0
Engineering Service	895.00	1.0
Mileage	0.75	500.0
OBM Rental	2.00	1,858.0
Tax	1.00	450.17

Safety Checks

Time	Type	Des
10:00	OSHA Inspection	OSHA Rig Inspection
17:45	Safety Meeting	Pre tour Safety Meeting

Wellbores

Wellbore Name Original Hole

Kick Offs & Key Depths

Type	Top Depth (ftKB)
Kick Off	10,193.0

Well Name: Hunter B 2604H

Time Log

Start Time	Dur (hr)	Cum Dur (hr)	End Time	Code 1	Code 2	Problem?	Prob Hrs (hr)	Prob Ref #	Com
02:30	3.50	22.00	06:00	Drilling	Trip	No			TIH 4 1/2" DP from 2,131' to 9,500'. Filled DP with Fresh Water at 40 stand intervals.

Safety Incidents

Time	Category	Type	Subtype	Cause	Lost time?	Severity

Well Name: Hunter B 2604H

API/UWI 42-475-38269	Surface Legal Location 31° 32' 26.49" N, 103° 05' 03.87" W	License # 873433	State/Province Texas
Spud Date 3/16/2022 04:30	Rig Release Date 5/13/2022 18:00	KB-Ground Distance (ft) 26.00	KB-Casing Flange Distance (ft)
Weather Clear	Temperature (°F) 63.0	Road Condition Good	Hole Condition Good
Operations at Report Time Drilling 6.75" Lateral at 12,100'		Operations Next Report Period Drill 6.75" Lateral	

Operations Summary
Finish TIH. Displace Well With OBM. Test Casing to 2,000 PSI. Drill Float Equipment and Dress Rathole. Drill 6.75" Lateral From 10,970' to 12,100'.

Remarks
Current Target: 10,660' TVD @ 0° VS; -5.0 Degrees

Mud Volumes

Active Volume (bbl)	Var Active Vol (bbl)	Balance (bbl)	Tank Volume (bbl)	Additions (bbl)	Losses (bbl)	Hole Volume (bbl)
336.1	336.1	336.1	0.0	0.0	0.0	336.1

Time Log

Start Time	Dur (hr)	Cum Dur (hr)	End Time	Code 1	Code 2	Problem?	Prob Hrs (hr)	Prob Ref #	Com
06:00	0.50	0.50	06:30	Drilling	Trip	No			TIH 4 1/2" DP from 9,500' to 10,800'.
06:30	0.50	1.00	07:00	Drilling	RU Support Equipment	No			Pull Trip Nipple and Install Rotating Head.
07:00	2.00	3.00	09:00	Drilling	Cond Mud & Circ	No			Displace Well With 12.2# OBM.
09:00	1.00	4.00	10:00	Drilling	Pressure Test	No			Close Pipe Rams. Flush Chokes and Fill Gas Buster. Test Casing to 2,000 PSI For 30 Minutes. Test Good. Bleed Off Pressure.
10:00	1.50	5.50	11:30	Drilling	Reaming	No			Drill Cement, Float Collar, and Float Shoe. Dress Rat Hole. 250 GPM, 3,000 PSI, 20 RPM, 7K TQ.
11:30	6.00	11.50	17:30	Drilling	Drilling Ahead	No			Drill 6 3/4" Lateral From 10,970' to 11,304'.
17:30	0.50	12.00	18:00	Drilling	Rig Maintenance	No			Lubricate and Check Fluids in Top Drive.
18:00	12.00	24.00	06:00	Drilling	Drilling Ahead	No			Drill 6 3/4" Lateral From 11,304' to 12,100'.

Safety Incidents

Time	Category	Type	Subtype	Cause	Lost time?	Severity

Mud Field Est (Cost) 3,494.99	Cum Mud Field Est (Co... 89,748.97
Start Depth (ftKB) 10,970.0	End Depth (ftKB) 12,100.0
Target Formation Wolfcamp	Target Depth (ftKB) 21,000.0
Last Casing String 2nd Intermediate, 10,954.0ftKB	

Daily Contacts

Job Contact
Scott Palmer, Superintendent
Nathan Barnes, ACR
Eugene Parker, ACR

Rigs

Precision Drilling, 553

Contractor Precision Drilling	Rig Number 553
Rig Supervisor Albert Cruz, Rig Manager	

1, Continental-Emsco, F-1600

Pump # 1	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi)	Slow Spd	Strokes (s... Eff (%)

2, Continental-Emsco, F-1600

Pump # 2	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi) 4,800.0	Slow Spd No	Strokes (s... Eff (%) 60 100

3, Rostel, F-1600

Pump # 3	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi) 5,100.0	Slow Spd No	Strokes (s... Eff (%) 60 100

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
Blower Rental	45.00	1.0
Calcium Chloride	18.65	24.0
Engineering Service	895.00	1.0
Lime	7.50	25.0
Stellar Mul P Plus	811.25	1.0
Stellar Mul S Plus	880.00	1.0
Tax	1.00	228.64

Safety Checks

Time	Type	Des
17:45	Safety Meeting	Pre tour Safety Meeting
05:45	Safety Meeting	Pre tour Safety Meeting

Wellbores

Wellbore Name Original Hole

Kick Offs & Key Depths

Type	Top Depth (ftKB)
Kick Off	10,193.0

Well Name: Hunter B 2604H

API/UWI 42-475-38269	Surface Legal Location 31° 32' 26.49" N, 103° 05' 03.87" W	License # 873433	State/Province Texas
Spud Date 3/16/2022 04:30	Rig Release Date 5/13/2022 18:00	KB-Ground Distance (ft) 26.00	KB-Casing Flange Distance (ft)
Weather Clear	Temperature (°F) 58.0	Road Condition Good	Hole Condition Good
Operations at Report Time Drilling 6.75" Lateral at 13,421'		Operations Next Report Period Drill 6.75" Lateral	

Operations Summary Drill 6 3/4" Lateral From 12,100' to 13,421'
Remarks Current Target: 10,700' TVD @ 0° VS; -2.5 Degrees

Mud Volumes						
Active Volume (bbl) 368.9	Var Active Vol (bbl) 32.8	Balance (bbl) 32.8	Tank Volume (bbl) 0.0	Additions (bbl) 0.0	Losses (bbl) 0.0	Hole Volume (bbl) 368.9

Time Log									
Start Time	Dur (hr)	Cum Dur (hr)	End Time	Code 1	Code 2	Problem?	Prob Hrs (hr)	Prob Ref #	Com
06:00	24.00	24.00	06:00	Drilling	Drilling Ahead	No			Drill 6 3/4" Lateral From 12,100' to 13,421'.

Safety Incidents						
Time	Category	Type	Subtype	Cause	Lost time?	Severity

Mud Field Est (Cost) 16,196.02	Cum Mud Field Est (Co... 105,944.99
Start Depth (ftKB) 12,100.0	End Depth (ftKB) 13,421.0
Target Formation Wolfcamp	Target Depth (ftKB) 21,000.0
Last Casing String 2nd Intermediate, 10,954.0ftKB	

Daily Contacts	
Job Contact	
Scott Palmer, Superintendent	
Nathan Barnes, ACR	
Eugene Parker, ACR	

Rigs	
Precision Drilling, 553	
Contractor Precision Drilling	Rig Number 553
Rig Supervisor Albert Cruz, Rig Manager	

1, Continental-Emsco, F-1600			
Pump # 1	Pwr (hp) 1,600.0	Rod Dia (in)	
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100	
P (psi) 5,100.0	Slow Spd No	Strokes (s... 60	Eff (%) 100

2, Continental-Emsco, F-1600			
Pump # 2	Pwr (hp) 1,600.0	Rod Dia (in)	
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100	
P (psi) 5,100.0	Slow Spd No	Strokes (s... 60	Eff (%) 100

3, Rostel, F-1600			
Pump # 3	Pwr (hp) 1,600.0	Rod Dia (in)	
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100	
P (psi) 5,100.0	Slow Spd No	Strokes (s... 60	Eff (%) 100

Mud Additive Amounts		
Des	Field Est (Cost/unit)	Consume d
Barite Bulk	232.00	37.39
Blower Rental	45.00	1.0
Calcium Chloride	18.65	75.0
Drum Banding	18.00	1.0
Engineering Service	895.00	1.0
Forklift	105.00	1.0
Fuel Surcharge	1.00	212.68
Geltone V	89.00	3.0
Lime	7.50	58.0
Shrink Wrap	20.00	11.0
Stellar Mul O/W	742.50	1.0
Stellar Mul S Plus	880.00	1.0
Suspentone	125.00	3.0
Tax	1.00	1,059.55
Trucking	1.00	868.06

Safety Checks		
Time	Type	Des
17:45	Safety Meeting	Pre tour Safety Meeting
05:45	Safety Meeting	Pre tour Safety Meeting

Wellbores	
Wellbore Name	Original Hole

Well Name: Hunter B 2604H

Kick Offs & Key Depths

Type	Top Depth (ftKB)
Kick Off	10,193.0

Well Name: Hunter B 2604H

API/UWI 42-475-38269	Surface Legal Location 31° 32' 26.49" N, 103° 05' 03.87" W	License # 873433	State/Province Texas
Spud Date 3/16/2022 04:30	Rig Release Date 5/13/2022 18:00	KB-Ground Distance (ft) 26.00	KB-Casing Flange Distance (ft)
Weather Clear	Temperature (°F) 67.0	Road Condition Good	Hole Condition Good
Operations at Report Time Drilling 6.75" Lateral at 14,597'		Operations Next Report Period Drill 6.75" Lateral. Possible Bit Trip.	
Operations Summary Drill 6 3/4" Lateral From 13,421' to 14,597'			
Remarks Current Target: 10,700' TVD @ 0' VS; -2.5 Degrees			

Mud Volumes

Active Volume (bbl) 398.0	Var Active Vol (bbl) 29.2	Balance (bbl) 29.2	Tank Volume (bbl) 0.0	Additions (bbl) 0.0	Losses (bbl) 0.0	Hole Volume (bbl) 398.0
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Time Log

Start Time	Dur (hr)	Cum Dur (hr)	End Time	Code 1	Code 2	Problem?	Prob Hrs (hr)	Prob Ref #	Com
06:00	24.00	24.00	06:00	Drilling	Drilling Ahead	No			Drill 6 3/4" Lateral From 13,421' to 14,597'.

Safety Incidents

Time	Category	Type	Subtype	Cause	Lost time?	Severity

Mud Field Est (Cost) 13,087.08	Cum Mud Field Est (Co... 119,032.07
Start Depth (ftKB) 13,421.0	End Depth (ftKB) 14,597.0
Target Formation Wolfcamp	Target Depth (ftKB) 21,000.0
Last Casing String 2nd Intermediate, 10,954.0ftKB	

Daily Contacts

Job Contact
Scott Palmer, Superintendent
Nathan Barnes, ACR
Eugene Parker, ACR

Rigs

Precision Drilling, 553

Contractor Precision Drilling	Rig Number 553
Rig Supervisor Albert Cruz, Rig Manager	

1, Continental-Emsco, F-1600

Pump # 1	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi) 5,200.0	Slow Spd No	Strokes (s... 60
		Eff (%) 100

2, Continental-Emsco, F-1600

Pump # 2	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi) 5,200.0	Slow Spd No	Strokes (s... 60
		Eff (%) 100

3, Rostel, F-1600

Pump # 3	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi) 5,200.0	Slow Spd No	Strokes (s... 60
		Eff (%) 100

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
Barite Bulk	232.00	19.37
Blower Rental	45.00	1.0
Calcium Chloride	18.65	69.0
Engineering Service	895.00	1.0
Fuel Surcharge	1.00	425.36
Geltone V	89.00	13.0
Lime	7.50	43.0
Scale Charge	15.00	2.0
Stellar Mul P Plus	811.25	1.0
Suspentine	125.00	4.0
Tax	1.00	856.16
Trucking	1.00	2,264.12

Safety Checks

Time	Type	Des
17:45	Safety Meeting	Pre tour Safety Meeting
05:45	Safety Meeting	Pre tour Safety Meeting

Wellbores

Wellbore Name Original Hole

Kick Offs & Key Depths

Type	Top Depth (ftKB)
Kick Off	10,193.0

Well Name: Hunter B 2604H

API/UWI 42-475-38269	Surface Legal Location 31° 32' 26.49" N, 103° 05' 03.87" W	License # 873433	State/Province Texas
Spud Date 3/16/2022 04:30	Rig Release Date 5/13/2022 18:00	KB-Ground Distance (ft) 26.00	KB-Casing Flange Distance (ft)
Weather Clear	Temperature (°F) 65.0	Road Condition Good	Hole Condition Good
Operations at Report Time Drilling 6.75" Lateral at 15,670'		Operations Next Report Period Drill 6.75" Lateral. Possible Bit Trip.	
Operations Summary Drill 6 3/4" Lateral From 14,597' to 15,670'			
Remarks Current Target: 10,700' TVD @ 0' VS; -2.5 Degrees			

Mud Volumes

Active Volume (bbl) 424.7	Var Active Vol (bbl) 26.6	Balance (bbl) 26.6	Tank Volume (bbl) 0.0	Additions (bbl) 0.0	Losses (bbl) 0.0	Hole Volume (bbl) 424.7
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Time Log

Start Time	Dur (hr)	Cum Dur (hr)	End Time	Code 1	Code 2	Problem?	Prob Hrs (hr)	Prob Ref #	Com
06:00	14.00	14.00	20:00	Drilling	Drilling Ahead	No			Drill 6 3/4" Lateral From 14,597' to 15,297'.
20:00	0.50	14.50	20:30	Drilling	Rig Maintenance	No			Lubricate Top Drive, Check Fluid Levels.
20:30	9.50	24.00	06:00	Drilling	Drilling Ahead	No			Drill 6 3/4" Lateral From 15,297' to 15,670'.

Safety Incidents

Time	Category	Type	Subtype	Cause	Lost time?	Severity

Mud Field Est (Cost) 5,463.35	Cum Mud Field Est (Co... 124,495.42
Start Depth (ftKB) 14,597.0	End Depth (ftKB) 15,670.0
Target Formation Wolfcamp	Target Depth (ftKB) 21,000.0
Last Casing String 2nd Intermediate, 10,954.0ftKB	

Daily Contacts

Job Contact
Scott Palmer, Superintendent
Nathan Barnes, ACR
Eugene Parker, ACR

Rigs

Precision Drilling, 553	
Contractor Precision Drilling	Rig Number 553

1, Continental-Emsco, F-1600

Pump # 1	Pwr (hp) 1,600.0	Rod Dia (in) 6
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi) 5,300.0	Slow Spd No	Strokes (s... 60
		Eff (%) 100

2, Continental-Emsco, F-1600

Pump # 2	Pwr (hp) 1,600.0	Rod Dia (in) 6
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi) 5,300.0	Slow Spd No	Strokes (s... 60
		Eff (%) 100

3, Rostel, F-1600

Pump # 3	Pwr (hp) 1,600.0	Rod Dia (in) 6
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi) 5,300.0	Slow Spd No	Strokes (s... 60
		Eff (%) 100

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
Barite Bulk	232.00	5.14
Blower Rental	45.00	1.0
Calcium Chloride	18.65	28.0
Engineering Service	895.00	1.0
Fuel Surcharge	1.00	271.69
Geltone V	89.00	5.0
Lime	7.50	45.0
Scale Charge	15.00	1.0
Suspentone	125.00	2.0
Tax	1.00	357.42
Trucking	1.00	1,132.06

Safety Checks

Time	Type	Des
17:45	Safety Meeting	Pre tour Safety Meeting
05:45	Safety Meeting	Pre tour Safety Meeting

Wellbores

Wellbores	
Wellbore Name Original Hole	
Kick Offs & Key Depths	
Type	Top Depth (ftKB)
Kick Off	10.193.0

Well Name: Hunter B 2604H

API/UWI 42-475-38269	Surface Legal Location 31° 32' 26.49" N, 103° 05' 03.87" W	License # 873433	State/Province Texas
Spud Date 3/16/2022 04:30	Rig Release Date 5/13/2022 18:00	KB-Ground Distance (ft) 26.00	KB-Casing Flange Distance (ft)
Weather Clear	Temperature (°F) 62.0	Road Condition Good	Hole Condition Good
Operations at Report Time TOOH at 2,128'.		Operations Next Report Period Finish TOOH. Replace Bit, Motor & Agitator. TIH. Drill 6.75" Lateral.	

Operations Summary
Drill 6 3/4" Lateral From 15,670' to 16,440'. Circulate Bottoms Up. TOOH for P-Rate.

Remarks
Current Target: 10,700' TVD @ 0° VS; -2.5 Degrees

Mud Volumes

Active Volume (bbl)	Var Active Vol (bbl)	Balance (bbl)	Tank Volume (bbl)	Additions (bbl)	Losses (bbl)	Hole Volume (bbl)
443.8	19.1	19.1	0.0	0.0	0.0	443.8

Time Log

Start Time	Dur (hr)	Cum Dur (hr)	End Time	Code 1	Code 2	Problem?	Prob Hrs (hr)	Prob Ref #	Com
06:00	13.00	13.00	19:00	Drilling	Drilling Ahead	No			Drill 6 3/4" Lateral From 15,670' to 16,346'.
19:00	0.50	13.50	19:30	Drilling	Rig Maintenance	No			Rig Service
19:30	2.50	16.00	22:00	Drilling	Drilling Ahead	No			Drilled 6 3/4" Lateral from 16,346' to 16,440'. P-Rate Decreased.
22:00	1.00	17.00	23:00	Drilling	Cond Mud & Circ	No			Surveyed. CBU with 12.5 PPG OBM. Mix Slug.
23:00	7.00	24.00	06:00	Drilling	Trip	No			Pumped Slug. TOOH from 16,440' to 2,128'. Pull Rotating Head. Lay Down Agitator. Hole Slick at 150 FPM. Hole took sufficient fill. **String Came Wet at 9,990'.**

Safety Incidents

Time	Category	Type	Subtype	Cause	Lost time?	Severity

Mud Field Est (Cost) 8,934.23	Cum Mud Field Est (Co... 133,429.65
Start Depth (ftKB) 15,670.0	End Depth (ftKB) 16,440.0
Target Formation Wolfcamp	Target Depth (ftKB) 21,000.0
Last Casing String 2nd Intermediate, 10,954.0ftKB	

Daily Contacts

Job Contact
Scott Palmer, Superintendent
Nathan Barnes, ACR
Eugene Parker, ACR
Brannon White, ACR

Rigs

Precision Drilling, 553

Contractor Precision Drilling	Rig Number 553
Rig Supervisor Albert Cruz, Rig Manager	

1, Continental-Emsco, F-1600

Pump # 1	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi)	Slow Spd	Strokes (s... Eff (%)

2, Continental-Emsco, F-1600

Pump # 2	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi)	Slow Spd	Strokes (s... Eff (%)

3, Rostel, F-1600

Pump # 3	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi) 5,450.0	Slow Spd No	Strokes (s... Eff (%) 60 100

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
Barite Bulk	232.00	20.8
Blower Rental	45.00	1.0
Calcium Chloride	18.65	46.0
Engineering Service	895.00	1.0
Lime	7.50	23.0
Stellar Mul O/W	742.50	1.0
Stellar Mul P Plus	811.25	1.0
Tax	1.00	584.48

Safety Checks

Time	Type	Des
17:45	Safety Meeting	Pre tour Safety Meeting
05:45	Safety Meeting	Pre tour Safety Meeting

Wellbores

Wellbore Name Original Hole	
Kick Offs & Key Depths	
Type	Top Depth (ftKB)
Kick Off	10.193.0

Well Name: Hunter B 2604H

API/UWI 42-475-38269	Surface Legal Location 31° 32' 26.49" N, 103° 05' 03.87" W	License # 873433	State/Province Texas
Spud Date 3/16/2022 04:30	Rig Release Date 5/13/2022 18:00	KB-Ground Distance (ft) 26.00	KB-Casing Flange Distance (ft)
Weather Clear	Temperature (°F) 68.0	Road Condition Good	Hole Condition Good
Operations at Report Time Drilling 6 3/4" Lateral @ 16,590'		Operations Next Report Period Drill 6.75" Lateral.	

Operations Summary
Change Out BHA, TIH, Install Rotating Head, Slip & Cut Drill Line, Change Out Swivel Packing, TIH, Drill 6 3/4" Lateral from 16,440' to 16,590'

Remarks
Current Target: 10,700' TVD @ 0° VS; -2.5 Degrees

Mud Volumes

Active Volume (bbl) 447.9	Var Active Vol (bbl) 4.2	Balance (bbl) 4.2	Tank Volume (bbl) 0.0	Additions (bbl) 0.0	Losses (bbl) 0.0	Hole Volume (bbl) 447.9
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Time Log

Start Time	Dur (hr)	Cum Dur (hr)	End Time	Code 1	Code 2	Problem?	Prob Hrs (hr)	Prob Ref #	Com
06:00	1.50	1.50	07:30	Drilling	Trip	No			Trip Out Hole from 2,128' to 102'
07:30	1.00	2.50	08:30	Drilling	Handling BHA	No			Lay Down NMDC, Drain Motor, Break Off Bit, Unlock & Pull MWD, Lay Down Motor. **Motor Drained as It Should with No Bearing Play, Bit Graded: 1, 3, BT, S, X, I, PN, PR**
08:30	0.50	3.00	09:00	Drilling	Trip	No			Clean Rig Floor Before Handling BHA
09:00	1.50	4.50	10:30	Drilling	Handling BHA	No			Pick Up NOV 6/7 7.8 Stage Motor at 1.83° FBH (.58 RPG), with 6 1/4" Near Bit Stabilizer. Picked Up UBHO, 6 1/4" Stabilizer. 1 Monel. Scribed Motor to UBHO. Installed MWD & Locked Down. Make Up 6 3/4" Reed TKC63-S1 with 6 x12's (.66 TFA). Pick Up 1 Monel, Float Sub and Crossover. Surface Test MWD - Good Test.
10:30	1.50	6.00	12:00	Drilling	Trip	No			Trip In Hole From 102' To 2,105'.
12:00	0.50	6.50	12:30	Drilling	Handling BHA	No			Pick Up Agitator And Retrieve Pressures Before And After. 900 PSI Before & 1,250 PSI After with 250 GPM.
12:30	3.50	10.00	16:00	Drilling	Trip	No			Trip In Hole From 2,128' To 10,817'.
16:00	0.50	10.50	16:30	Drilling	RU Support Equipment	No			Remove Trip Nipple & Install Rotating Head
16:30	2.00	12.50	18:30	Drilling	Cut off Drill Line	No			Slip & Cut 70' of Drilling Line
18:30	3.00	15.50	21:30	Drilling	Rig Maintenance	No			Serviced Rig / Changed Out Swivel Packing. Grease fitting broke...unable to replace fitting. Replaced swivel packing unit again. Filled DP, then tested swivel packing. Calibrated traveling assy.
21:30	3.00	18.50	00:30	Drilling	Trip	No			TIH from 10,817' to 16,440'. Filled DP near 13,479' and again near TD.
00:30	0.50	19.00	01:00	Drilling	Drilling Ahead	No			Drilled 6 3/4" lateral from 16,440' to 16,460'. 12.5 PPG OBM.
01:00	1.00	20.00	02:00	Drilling	NPT	No			Circ gas cut mud while troubleshot MWD pulsing, but not syncing.
02:00	4.00	24.00	06:00	Drilling	Drilling Ahead	No			Drilled 6 3/4" lateral from 16,460' to 16,590'.

Safety Incidents

Time	Category	Type	Subtype	Cause	Lost time?	Severity

Mud Field Est (Cost) 5,257.23	Cum Mud Field Est (Co... 138,686.88
Start Depth (ftKB) 16,440.0	End Depth (ftKB) 16,590.0
Target Formation Wolfcamp	Target Depth (ftKB) 21,000.0
Last Casing String 2nd Intermediate, 10,954.0ftKB	

Daily Contacts

Job Contact
Scott Palmer, Superintendent
Nathan Barnes, ACR
Eugene Parker, ACR
Brannon White, ACR

Rigs

Precision Drilling, 553

Contractor Precision Drilling	Rig Number 553
Rig Supervisor Albert Cruz, Rig Manager	

1, Continental-Emsco, F-1600

Pump # 1	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi)	Slow Spd	Strokes (s... Eff (%)

2, Continental-Emsco, F-1600

Pump # 2	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi) 5,150.0	Slow Spd No	Strokes (s... Eff (%) 60 100

3, Rostel, F-1600

Pump # 3	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi) 5,150.0	Slow Spd No	Strokes (s... Eff (%) 60 100

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
Barite Bulk	232.00	2.4
Blower Rental	45.00	1.0
Calcium Chloride	18.65	10.0
Engineering Service	895.00	1.0
Lime	7.50	6.0
Rig Wash	475.00	3.0
Stellar Mul S Plus	880.00	2.0
Tax	1.00	343.93

Safety Checks

Time	Type	Des
17:45	Safety Meeting	Pre Tour Safety Meeting
05:45	Safety Meeting	Pre tour Safety Meeting

Wellbores

Wellbore Name
Original Hole

Kick Offs & Key Depths

Type	Top Depth (ftKB)
Kick Off	10,193.0

Well Name: Hunter B 2604H

API/UWI 42-475-38269	Surface Legal Location 31° 32' 26.49" N, 103° 05' 03.87" W	License # 873433	State/Province Texas
Spud Date 3/16/2022 04:30	Rig Release Date 5/13/2022 18:00	KB-Ground Distance (ft) 26.00	KB-Casing Flange Distance (ft)
Weather Clear	Temperature (°F) 64.0	Road Condition Good	Hole Condition Good
Operations at Report Time Drilling 6 3/4" Lateral @ 17,606'		Operations Next Report Period Drill 6 3/4" Lateral.	
Operations Summary Drill 6 3/4" Lateral From 16,590' to 17,606'			
Remarks Current Target: 11,072' TVD @ 0' VS; 1.75°			

Mud Volumes

Active Volume (bbl) 473.2	Var Active Vol (bbl) 25.2	Balance (bbl) 25.2	Tank Volume (bbl) 0.0	Additions (bbl) 0.0	Losses (bbl) 0.0	Hole Volume (bbl) 473.2
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Time Log

Start Time	Dur (hr)	Cum Dur (hr)	End Time	Code 1	Code 2	Problem?	Prob Hrs (hr)	Prob Ref #	Com
06:00	24.00	24.00	06:00	Drilling	Drilling Ahead	No			Drilled 6 3/4" lateral from 16,590' to 17,606' ** Recieved New Target Change @ 20:00 hrs (11,072' TVD @ 0° VS, Inc 1.75°)

Safety Incidents

Time	Category	Type	Subtype	Cause	Lost time?	Severity

Mud Field Est (Cost) 8,050.62	Cum Mud Field Est (Co... 146,737.50
Start Depth (ftKB) 16,590.0	End Depth (ftKB) 17,606.0
Target Formation Wolfcamp	Target Depth (ftKB) 21,000.0
Last Casing String 2nd Intermediate, 10,954.0ftKB	

Daily Contacts

Job Contact
Scott Palmer, Superintendent
Heath Duchesne, ACR
Brannon White, ACR

Rigs

Precision Drilling, 553	
Contractor Precision Drilling	Rig Number 553

Rig Supervisor Albert Cruz, Rig Manager
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1, Continental-Emsco, F-1600

Pump # 1	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi)	Slow Spd	Strokes (s... Eff (%)

2, Continental-Emsco, F-1600

Pump # 2	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi) 5,675.0	Slow Spd No	Strokes (s... Eff (%) 60 100

3, Rostel, F-1600

Pump # 3	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi) 5,675.0	Slow Spd No	Strokes (s... Eff (%) 60 100

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consume d
Barite Bulk	232.00	13.28
Blower Rental	45.00	1.0
Calcium Chloride	18.65	18.0
Engineering Service	895.00	1.0
Fuel Surcharge	1.00	271.69
Geltone V	89.00	4.0
Lime	7.50	35.0
Oil Dry	11.00	5.0
Rig Wash	475.00	2.0
Scale Charge	15.00	1.0
Suspentone	125.00	1.0
Tax	1.00	526.67
Trucking	1.00	1,132.1

Safety Checks

Time	Type	Des
17:45	Safety Meeting	Pre Tour Safety Meeting
05:45	Safety Meeting	Pre Tour Safety Meeting

Wellbores

Wellbore Name Original Hole

Kick Offs & Key Depths

Type	Top Depth (ftKB)
Kick Off	10,193.0

Well Name: Hunter B 2604H

API/UWI 42-475-38269	Surface Legal Location 31° 32' 26.49" N, 103° 05' 03.87" W	License # 873433	State/Province Texas
Spud Date 3/16/2022 04:30	Rig Release Date 5/13/2022 18:00	KB-Ground Distance (ft) 26.00	KB-Casing Flange Distance (ft)
Weather Clear	Temperature (°F) 56.0	Road Condition Good	Hole Condition Good
Operations at Report Time Picking Up BHA		Operations Next Report Period Trip In Hole With Lateral Assembly, Drill 6 3/4" Lateral.	

Operations Summary
Drill 6 3/4" Lateral From 17,606' to 18,153', Circ, TOOH For MWD Failure

Remarks
Current Target: 11,072' TVD @ 0° VS; 1.75°

Mud Volumes

Active Volume (bbl) 486.8	Var Active Vol (bbl) 13.6	Balance (bbl) 13.6	Tank Volume (bbl) 0.0	Additions (bbl) 0.0	Losses (bbl) 0.0	Hole Volume (bbl) 486.8
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Time Log

Start Time	Dur (hr)	Cum Dur (hr)	End Time	Code 1	Code 2	Problem?	Prob Hrs (hr)	Prob Ref #	Com
06:00	8.50	8.50	14:30	Drilling	Drilling Ahead	No			Drill 6 3/4" Lateral From 17,606' to 18,058'
14:30	0.50	9.00	15:00	Drilling	Rig Maintenance	No			Service Rig
15:00	1.50	10.50	16:30	Drilling	Drilling Ahead	No			Drill 6 3/4" Lateral From 18,058' To 18,153'
16:30	0.50	11.00	17:00	Drilling	NPT	No			Troubleshoot MWD & Change Out MWD Transducer
17:00	1.50	12.50	18:30	Drilling	Cond Mud & Circ	No			Circulate Bottoms Up
18:30	3.50	16.00	22:00	Drilling	Trip	No			Pumped Slug. TOOH due to MWD Failure from 18,153' to 10,910'. Hole Slick.
22:00	0.50	16.50	22:30	Drilling	RD Support Equipment	No			Pull Rotating Head, Flow Check-No Flow, Install Trip Nipple
22:30	5.50	22.00	04:00	Drilling	Trip	No			Trip Out Hole due to MWD Failure from 10,910' to 102' **Lay Down Agitator at 2,108**
04:00	1.00	23.00	05:00	Drilling	Handling BHA	No			Lay Down NMDC, Drain Motor, Break Off Bit, Unlock & Pull MWD, Lay Down Motor. **Motor Drained as It Should with No Bearing Play, Bit Graded: 1, 2, CT, S, X, I, NO, DTF. No Debris Was Found on Top MWD Tool. Unable to Wake Up Tool with Tap Test, Tool Appears to Be Flat-Lined**
05:00	0.50	23.50	05:30	Drilling	Trip	No			Clean Rig Floor Before Handling BHA
05:30	0.50	24.00	06:00	Drilling	Handling BHA	No			Pick Up Well Benders 6/7 8.8 Stage Motor at 1.83° FBH (.66 RPG), Remove Slick Sleeve, Install 6 1/4" Near Bit Stabilizer. Picked Up UBHO, 6 1/4" Stabilizer. 1 Monel. Scribed Motor to UBHO. Installed MWD & Locked Down. Make Up 6 3/4" Reed TKC63-S1 with 6 x12's (.66 TFA). Pick Up 1 Monel, Float Sub and Crossover. Surface Test MWD - Good Test.

Safety Incidents

Time	Category	Type	Subtype	Cause	Lost time?	Severity

Mud Field Est (Cost) 9,243.41	Cum Mud Field Est (Co... 155,980.91
Start Depth (ftKB) 17,606.0	End Depth (ftKB) 18,153.0
Target Formation Wolfcamp	Target Depth (ftKB) 21,000.0
Last Casing String 2nd Intermediate, 10,954.0ftKB	

Daily Contacts

Job Contact
Scott Palmer, Superintendent
Heath Duchesne, ACR
Brannon White, ACR

Rigs

Precision Drilling, 553

Contractor Precision Drilling	Rig Number 553
Rig Supervisor Albert Cruz, Rig Manager	

1, Continental-Emsco, F-1600

Pump # 1	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi)	Slow Spd	Strokes (s... Eff (%)

2, Continental-Emsco, F-1600

Pump # 2	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi) 5,950.0	Slow Spd No	Strokes (s... Eff (%) 60 100

3, Rostel, F-1600

Pump # 3	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi) 5,950.0	Slow Spd No	Strokes (s... Eff (%) 60 100

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consume d
Barite Bulk	232.00	22.9
Blower Rental	45.00	1.0
Calcium Chloride	18.65	26.0
Engineering Service	895.00	1.0
Geltone V	89.00	4.0
Lime	7.50	46.0
Rig Wash	475.00	2.0
Suspentine	125.00	2.0
Tax	1.00	604.71

Safety Checks

Time	Type	Des
17:45	Safety Meeting	Pre Tour Safety Meeting
05:45	Safety Meeting	Pre Tour Safety Meeting

Wellbores

Wellbore Name
Original Hole

Kick Offs & Key Depths

Type	Top Depth (ftKB)
Kick Off	10,193.0

Well Name: Hunter B 2604H

API/UWI 42-475-38269	Surface Legal Location 31° 32' 26.49" N, 103° 05' 03.87" W	License # 873433	State/Province Texas
Spud Date 3/16/2022 04:30	Rig Release Date 5/13/2022 18:00	KB-Ground Distance (ft) 26.00	KB-Casing Flange Distance (ft)
Weather Clear	Temperature (°F) 59.0	Road Condition Good	Hole Condition Good
Operations at Report Time Drilling 6 3/4" Lateral @ 18,645'		Operations Next Report Period Drill 6 3/4" Lateral	
Operations Summary Pick Up BHA,Trip In Hole To 18,064', Relog Gamma to 18,153' Drill 6 3/4" Lateral From 18,153' To 18,645'			
Remarks Current Target: 11,072' TVD @ 0' VS; 1.75°			

Mud Volumes

Active Volume (bbl) 499.0	Var Active Vol (bbl) 12.3	Balance (bbl) 12.3	Tank Volume (bbl) 0.0	Additions (bbl) 0.0	Losses (bbl) 0.0	Hole Volume (bbl) 499.0
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Time Log

Start Time	Dur (hr)	Cum Dur (hr)	End Time	Code 1	Code 2	Problem?	Prob Hrs (hr)	Prob Ref #	Com
06:00	2.00	2.00	08:00	Drilling	Handling BHA	No			Pick Up Motor, Bit, MWD Tool & NMDC. Surface Test MWD Tool.
08:00	1.00	3.00	09:00	Drilling	Trip	No			Trip In Hole From 102' To 2,015'.
09:00	0.50	3.50	09:30	Drilling	Handling BHA	No			Pick Up Agitator & Retrieve Pressures Before & After Agitator. 1,350 PSI Before & 1,700 PSI After.
09:30	8.00	11.50	17:30	Drilling	Trip	No			Trip In Hole From 2,015' To 18,064'
17:30	1.00	12.50	18:30	Drilling	Reaming	No			Re-Log Gamma from 18,064' to 18,153' at 200 FPM.
18:30	11.50	24.00	06:00	Drilling	Drilling Ahead	No			Drill 6 3/4" Lateral From 18,153' To 18,645' **Max Trip Gas 8,253 Units, Mud Cut from 12.5 to 12.3**

Safety Incidents

Time	Category	Type	Subtype	Cause	Lost time?	Severity

Mud Field Est (Cost) 4,041.91	Cum Mud Field Est (Co... 160,022.82
Start Depth (ftKB) 18,153.0	End Depth (ftKB) 18,645.0
Target Formation Wolfcamp	Target Depth (ftKB) 21,000.0
Last Casing String 2nd Intermediate, 10,954.0ftKB	

Daily Contacts

Job Contact
Scott Palmer, Superintendent
Heath Duchesne, ACR
Brannon White, ACR

Rigs

Precision Drilling, 553

Contractor Precision Drilling	Rig Number 553
Rig Supervisor Albert Cruz, Rig Manager	

1, Continental-Emsco, F-1600

Pump # 1	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi)	Slow Spd	Strokes (s... Eff (%)

2, Continental-Emsco, F-1600

Pump # 2	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi) 5,300.0	Slow Spd No	Strokes (s... Eff (%) 55 100

3, Rostel, F-1600

Pump # 3	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi) 5,300.0	Slow Spd No	Strokes (s... Eff (%) 55 100

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
Blower Rental	45.00	1.0
Engineering Service	895.00	1.0
Fuel Surcharge	1.00	543.38
Scale Charge	15.00	2.0
Tax	1.00	264.43
Trucking	1.00	2,264.1

Safety Checks

Time	Type	Des
17:45	Safety Meeting	Pre Tour Safety Meeting
05:45	Safety Meeting	Pre Tour Safety Meeting

Wellbores

Wellbore Name Original Hole

Kick Offs & Key Depths

Type	Top Depth (ftKB)
Kick Off	10,193.0

Well Name: Hunter B 2604H

API/UWI 42-475-38269	Surface Legal Location 31° 32' 26.49" N, 103° 05' 03.87" W	License # 873433	State/Province Texas
Spud Date 3/16/2022 04:30	Rig Release Date 5/13/2022 18:00	KB-Ground Distance (ft) 26.00	KB-Casing Flange Distance (ft)
Weather Clear	Temperature (°F) 67.0	Road Condition Good	Hole Condition Good
Operations at Report Time Drilling 6 3/4" Lateral @ 19,133'		Operations Next Report Period Drill 6 3/4" Lateral	
Operations Summary Drill 6 3/4" Lateral From 18,645' To 19,133'			
Remarks Current Target: 11,072' TVD @ 0' VS; 1.75°			

Mud Volumes

Active Volume (bbl) 511.1	Var Active Vol (bbl) 12.1	Balance (bbl) 12.1	Tank Volume (bbl) 0.0	Additions (bbl) 0.0	Losses (bbl) 0.0	Hole Volume (bbl) 511.1
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Time Log

Start Time	Dur (hr)	Cum Dur (hr)	End Time	Code 1	Code 2	Problem?	Prob Hrs (hr)	Prob Ref #	Com
06:00	24.00	24.00	06:00	Drilling	Drilling Ahead	No			Drill 6 3/4" Lateral From 18,645' To 19,133'.

Safety Incidents

Time	Category	Type	Subtype	Cause	Lost time?	Severity

Mud Field Est (Cost) 6,984.57	Cum Mud Field Est (Co... 167,007.39
Start Depth (ftKB) 18,645.0	End Depth (ftKB) 19,133.0
Target Formation Wolfcamp	Target Depth (ftKB) 21,000.0
Last Casing String 2nd Intermediate, 10,954.0ftKB	

Daily Contacts

Job Contact
Scott Palmer, Superintendent
Heath Duchesne, ACR
Brannon White, ACR

Rigs

Precision Drilling, 553

Contractor Precision Drilling	Rig Number 553
Rig Supervisor Albert Cruz, Rig Manager	

1, Continental-Emsco, F-1600

Pump # 1	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi) 5,500.0	Slow Spd No	Strokes (s... 56
		Eff (%) 100

2, Continental-Emsco, F-1600

Pump # 2	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi) 5,500.0	Slow Spd No	Strokes (s... 56
		Eff (%) 100

3, Rostel, F-1600

Pump # 3	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi)	Slow Spd	Strokes (s... Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
Barite Bulk	232.00	13.92
Blower Rental	45.00	1.0
Calcium Chloride	18.65	18.0
Engineering Service	895.00	1.0
Lime	7.50	5.0
Stellar Mul O/W	742.50	2.0
Suspentine	125.00	4.0
Tax	1.00	456.93

Safety Checks

Time	Type	Des
17:45	Safety Meeting	Pre Tour Safety Meeting
05:45	Safety Meeting	Pre Tour Safety Meeting

Wellbores

Wellbore Name Original Hole

Kick Offs & Key Depths

Type	Top Depth (ftKB)
Kick Off	10,193.0

Well Name: Hunter B 2604H

API/UWI 42-475-38269	Surface Legal Location 31° 32' 26.49" N, 103° 05' 03.87" W	License # 873433	State/Province Texas
Spud Date 3/16/2022 04:30	Rig Release Date 5/13/2022 18:00	KB-Ground Distance (ft) 26.00	KB-Casing Flange Distance (ft)
Weather Clear	Temperature (°F) 63.0	Road Condition Good	Hole Condition Good
Operations at Report Time Drilling 6 3/4" Lateral @ 19,779'		Operations Next Report Period Drill 6 3/4" Lateral	
Operations Summary Drill 6 3/4" Lateral From 19,133' To 19,779'			
Remarks Current Target: 11,072' TVD @ 0° VS; 1.75°			

Mud Volumes

Active Volume (bbl) 527.2	Var Active Vol (bbl) 16.0	Balance (bbl) 16.0	Tank Volume (bbl) 0.0	Additions (bbl) 0.0	Losses (bbl) 0.0	Hole Volume (bbl) 527.2
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Time Log

Start Time	Dur (hr)	Cum Dur (hr)	End Time	Code 1	Code 2	Problem?	Prob Hrs (hr)	Prob Ref #	Com
06:00	24.00	24.00	06:00	Drilling	Drilling Ahead	No			Drill 6 3/4" Lateral From 19,133' To 19,779'.

Safety Incidents

Time	Category	Type	Subtype	Cause	Lost time?	Severity

Mud Field Est (Cost) 13,159.93	Cum Mud Field Est (Co... 180,167.32
Start Depth (ftKB) 19,133.0	End Depth (ftKB) 19,779.0
Target Formation Wolfcamp	Target Depth (ftKB) 21,000.0
Last Casing String 2nd Intermediate, 10,954.0ftKB	

Daily Contacts

Job Contact
Scott Palmer, Superintendent
Heath Duchesne, ACR
Brannon White, ACR

Rigs

Precision Drilling, 553

Contractor Precision Drilling	Rig Number 553
Rig Supervisor Albert Cruz, Rig Manager	

1, Continental-Emsco, F-1600

1. Conventional Embo, 1-1999			
Pump # 1	Pwr (hp) 1,600.0	Rod Dia (in)	
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100	
P (psi)	Slow Spd	Strokes (s...	Eff (%)

2, Continental-Emsco, F-1600

Pump # 2	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi) 5,300.0	Slow Spd No	Strokes (s... 55 Eff (%) 100

3, Rostel, F-1600

Pump # 3	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi) 5,300.0	Slow Spd No	Strokes (s... 55 Eff (%) 100

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consume d
Barite Bulk	232.00	16.2
Blower Rental	45.00	1.0
Calcium Chloride	18.65	78.0
Engineering Service	895.00	1.0
Fuel Surcharge	1.00	208.34
Geltone V	89.00	23.0
Lime	7.50	69.0
Shrink Wrap	20.00	6.0
Stellar Mul S Plus	880.00	2.0
Suspentone	125.00	5.0
Tax	1.00	860.93
Trucking	1.00	868.06

Safety Checks

Time	Type	Des
17:45	Safety Meeting	Pre Tour Safety Meeting
05:45	Safety Meeting	Pre Tour Safety Meeting

Wellbores

Wellbore Name Original Hole

Kick Offs & Key Depths

Type	Top Depth (ftKB)
Kick Off	10,193.0

Well Name: Hunter B 2604H

API/UWI 42-475-38269	Surface Legal Location 31° 32' 26.49" N, 103° 05' 03.87" W	License # 873433	State/Province Texas
Spud Date 3/16/2022 04:30	Rig Release Date 5/13/2022 18:00	KB-Ground Distance (ft) 26.00	KB-Casing Flange Distance (ft)
Weather Clear	Temperature (°F) 74.0	Road Condition Good	Hole Condition Good
Operations at Report Time Repair Catwalk		Operations Next Report Period Lay Down Drill Pipe	

Operations Summary
Drill 6 3/4" Lateral from 19,779' to 20,002'. Circulate, Wiper Trip, Circulate & Condition for Casing Dust Up Mud Weight to 12.7 ppg. Pump Slug, POOH Laying Down Drill Pipe to 13,285', Rig service, REpair Catwalk.

Remarks
Contacted TRRC With Intent To Run Cement Production Casing @ 19:45 On 5/9/2022. Spoke With Audrey Operator #2.

Mud Volumes

Active Volume (bbl) 532.7	Var Active Vol (bbl) 5.5	Balance (bbl) 5.5	Tank Volume (bbl) 0.0	Additions (bbl) 0.0	Losses (bbl) 0.0	Hole Volume (bbl) 532.7
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Time Log

Start Time	Dur (hr)	Cum Dur (hr)	End Time	Code 1	Code 2	Problem?	Prob Hrs (hr)	Prob Ref #	Com
06:00	6.00	6.00	12:00	Drilling	Drilling Ahead	No			Drill 6 3/4" Lateral From 19,779' to 20,002'.
12:00	1.50	7.50	13:30	Drilling	Cond Mud & Circ	No			Circulate 2 X Bottoms Up before Wiper Trip.
13:30	2.50	10.00	16:00	Drilling	Wiper/Condition Trip	No			POOH for Wiper Trip from 20,002' to 18,105'. Trip In Hole to 20,002'. Hole Slick.
16:00	4.00	14.00	20:00	Drilling	Cond Mud & Circ	No			Circ & Condition Mud for Casing. Max Gas After Trip 7,000 Units. Dust up Mud System to 12.7 PPG. Pump Slug.
20:00	8.00	22.00	04:00	Drilling	Trip	No			POOH Laying Down 4 1/2" Drill Pipe from 20,002' to 13,285'
04:00	1.00	23.00	05:00	Drilling	Rig Maintenance	No			Rig Service (Replace Link in Catwalk Skate Chain)
05:00	1.00	24.00	06:00	Drilling	NPT	No			Repair Catwalk

Safety Incidents

Time	Category	Type	Subtype	Cause	Lost time?	Severity

Mud Field Est (Cost) 9,838.81	Cum Mud Field Est (Co... 190,006.13
Start Depth (ftKB) 19,779.0	End Depth (ftKB) 20,002.0
Target Formation Wolfcamp	Target Depth (ftKB) 21,000.0
Last Casing String 2nd Intermediate, 10,954.0ftKB	

Daily Contacts

Job Contact
Scott Palmer, Superintendent
Heath Duchesne, ACR
Brannon White, ACR

Rigs

Precision Drilling, 553

Contractor Precision Drilling	Rig Number 553
Rig Supervisor Albert Cruz, Rig Manager	

1, Continental-Emsco, F-1600

Pump # 1	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi)	Slow Spd	Strokes (s... Eff (%)

2, Continental-Emsco, F-1600

Pump # 2	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi) 5,200.0	Slow Spd No	Strokes (s... Eff (%) 55 100

3, Rostel, F-1600

Pump # 3	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi) 5,200.0	Slow Spd No	Strokes (s... Eff (%) 55 100

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
Barite Bulk	232.00	25.5
Blower Rental	45.00	1.0
Calcium Chloride	18.65	91.0
Engineering Service	895.00	1.0
Geltone V	89.00	3.0
Suspentine	125.00	3.0
Tax	1.00	643.66

Safety Checks

Time	Type	Des
17:45	Safety Meeting	Pre Tour Safety Meeting
05:45	Safety Meeting	Pre Tour Safety Meeting

Wellbores

Wellbore Name
Original Hole

Kick Offs & Key Depths

Type	Top Depth (ftKB)
Kick Off	10,193.0

Well Name: Hunter B 2604H

API/UWI 42-475-38269	Surface Legal Location 31° 32' 26.49" N, 103° 05' 03.87" W	License # 873433	State/Province Texas
Spud Date 3/16/2022 04:30	Rig Release Date 5/13/2022 18:00	KB-Ground Distance (ft) 26.00	KB-Casing Flange Distance (ft)
Weather Clear	Temperature (°F) 69.0	Road Condition Good	Hole Condition Good
Operations at Report Time Laying Down Drill Pipe at 4,500'		Operations Next Report Period Lay Down Drill Pipe, Run Production Casing.	

Operations Summary
Lay Down 4 1/2" Drill Pipe From 13,285' To 12,140', Circulate & Weight Up Mud System, Lay Down DP From 12,140' To 5,265', Repair Catwalk, Lay Down Drill Pipe to 4,500',

Remarks

Mud Volumes

Active Volume (bbl)	Var Active Vol (bbl)	Balance (bbl)	Tank Volume (bbl)	Additions (bbl)	Losses (bbl)	Hole Volume (bbl)
0.0	-532.7	-532.7	0.0	0.0	0.0	0.0

Time Log

Start Time	Dur (hr)	Cum Dur (hr)	End Time	Code 1	Code 2	Problem?	Prob Hrs (hr)	Prob Ref #	Com
06:00	0.50	0.50	06:30	Drilling	NPT	No			Repair Skate Chain On Catwalk
06:30	1.00	1.50	07:30	Drilling	Trip	No			Lay Down 4 1/2" Drill pipe From 13,265' To 12,140'
07:30	5.50	7.00	13:00	Drilling	Cond Mud & Circ	No			Circulate & Weight Mud System Up From 12.7ppg To 13.0ppg.
13:00	0.50	7.50	13:30	Drilling	Rig Maintenance	No			Service Rig & Top Drive
13:30	10.50	18.00	00:00	Drilling	Trip	No			Lay Down 4 1/2" Drill pipe From 12,140' To 4683', Trip In Hole With 6 Stands from Derrick to 5,265'.
00:00	4.50	22.50	04:30	Drilling	NPT	No			Repair Catwalk, Main Hydraulic Supply Line Burst, Unable to repair on Location. Wait on Hose to be Delivered. Install Hose. Flush Air out of Hydraulic System.
04:30	1.50	24.00	06:00	Drilling	Trip	No			Continue Lay Down 4 1/2" Drill Pipe from 5,265' to 4,500'.

Safety Incidents

Time	Category	Type	Subtype	Cause	Lost time?	Severity

Mud Field Est (Cost) 15,418.07	Cum Mud Field Est (Co... 205,424.20
Start Depth (ftKB) 20,002.0	End Depth (ftKB) 20,002.0
Target Formation Wolfcamp	Target Depth (ftKB) 21,000.0
Last Casing String 2nd Intermediate, 10,954.0ftKB	

Daily Contacts

Job Contact
Scott Palmer, Superintendent
Heath Duchesne, ACR
Brannon White, ACR

Rigs

Precision Drilling, 553

Contractor Precision Drilling	Rig Number 553
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Rig Supervisor
Albert Cruz, Rig Manager

1, Continental-Emsco, F-1600

Pump # 1	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi) 5,500.0	Slow Spd No	Strokes (s... 56
		Eff (%) 100

2, Continental-Emsco, F-1600

Pump # 2	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi) 5,200.0	Slow Spd No	Strokes (s... 55
		Eff (%) 100

3, Rostel, F-1600

Pump # 3	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi)	Slow Spd	Strokes (s...)
		Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
Barite	15.00	280.0
Barite Bulk	232.00	23.0
Blower Rental	45.00	1.0
Engineering Service	895.00	1.0
Fuel Surcharge	1.00	208.34
Lime	7.50	195.0
Mileage	0.75	500.0
Scale Charge	15.00	1.0
Stellar Mul O/W	742.50	1.0
Stellar Mul P Plus	811.25	1.0
Stellar Mul S Plus	880.00	-1.0
Tax	1.00	1,008.66
Trucking	1.00	1,132.1
Walnut Medium	16.68	4.0

Safety Checks

Time	Type	Des
17:45	Safety Meeting	Pre Tour Safety Meeting
05:45	Safety Meeting	Pre Tour Safety Meeting

Wellbores

Wellbore Name
Original Hole

Well Name: Hunter B 2604H

Kick Offs & Key Depths

Type	Top Depth (ftKB)
Kick Off	10,193.0

Well Name: Hunter B 2604H

API/UWI 42-475-38269	Surface Legal Location 31° 32' 26.49" N, 103° 05' 03.87" W	License # 873433	State/Province Texas
Spud Date 3/16/2022 04:30	Rig Release Date 5/13/2022 18:00	KB-Ground Distance (ft) 26.00	KB-Casing Flange Distance (ft)
Weather Clear	Temperature (°F) 72.0	Road Condition Good	Hole Condition Good
Operations at Report Time Changing Casing Handling Equipment from 5" to 5 1/2".		Operations Next Report Period Run & Cement Production Casing	
Operations Summary Lay Down Drill Pipe & BHA, Pull Wear Bushing, Clean Floor, Rig Up CRT & Casing Crew, Run Production Casing			
Remarks			

Mud Volumes

Active Volume (bbl) 0.0	Var Active Vol (bbl) 0.0	Balance (bbl) 0.0	Tank Volume (bbl) 0.0	Additions (bbl) 0.0	Losses (bbl) 0.0	Hole Volume (bbl) 0.0
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Time Log

Start Time	Dur (hr)	Cum Dur (hr)	End Time	Code 1	Code 2	Problem?	Prob Hrs (hr)	Prob Ref #	Com
06:00	6.50	6.50	12:30	Drilling	Trip	No			Lay Down 4 1/2" Drill Pipe From 4,500' To 102'
12:30	2.00	8.50	14:30	Drilling	Handling BHA	No			Lay Down NMDCs, MWD Tool, Motor & Bit. **Bit Grade: 3,5,FC,S,X,0,CT,TD
14:30	0.50	9.00	15:00	Drilling	RU Support Equipment	No			Retrieve Wear Bushing & Clean Rig Floor.
15:00	2.00	11.00	17:00	Drilling	RU Support Equipment	No			Hold PJSM, Rig Up CRT & Casing Crew.
17:00	13.00	24.00	06:00	Drilling	Run CSG	No			Make Up 5" Shoe, 1 JT 5" Casing, Float Collar, and 1 Jt Casing. Tested Float & Collar with Mud. Made Up Toe Sleeve, 1 Pup-Joint, 2nd Toe Sleeve. Ran 5", 23.2#, P-110 EYHC Casing with Anaconda SP connections to 9,643'. Swap Out Casing Tools From 5" to 5.5". **Filled Pipe on the fly with 12.5# OBM**

Safety Incidents

Time	Category	Type	Subtype	Cause	Lost time?	Severity

Mud Field Est (Cost) 1,407.05	Cum Mud Field Est (Co... 206,831.25
Start Depth (ftKB) 20,002.0	End Depth (ftKB) 20,002.0
Target Formation Wolfcamp	Target Depth (ftKB) 21,000.0
Last Casing String Production, 19,970.0ftKB	

Daily Contacts

Job Contact
Scott Palmer, Superintendent
Heath Duchesne, ACR
Brannon White, ACR

Rigs

Precision Drilling, 553

Contractor Precision Drilling	Rig Number 553
Rig Supervisor Albert Cruz, Rig Manager	

1, Continental-Emsco, F-1600

Pump # 1	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi)	Slow Spd	Strokes (s... Eff (%)

2, Continental-Emsco, F-1600

Pump # 2	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi)	Slow Spd	Strokes (s... Eff (%)

3, Rostel, F-1600

Pump # 3	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi)	Slow Spd	Strokes (s... Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
Blower Rental	45.00	1.0
Engineering Service	895.00	1.0
Mileage	0.75	500.0
Tax	1.00	92.05

Safety Checks

Time	Type	Des
17:45	Safety Meeting	Pre Tour Safety Meeting
05:45	Safety Meeting	Pre Tour Safety Meeting

Wellbores

Wellbore Name Original Hole

Kick Offs & Key Depths

Type	Top Depth (ftKB)
Kick Off	10,193.0

Well Name: Hunter B 2604H

API/UWI 42-475-38269	Surface Legal Location 31° 32' 26.49" N, 103° 05' 03.87" W	License # 873433	State/Province Texas
Spud Date 3/16/2022 04:30	Rig Release Date 5/13/2022 18:00	KB-Ground Distance (ft) 26.00	KB-Casing Flange Distance (ft)
Weather Clear	Temperature (°F) 70.0	Road Condition Good	Hole Condition Good
Operations at Report Time Waiting on Cement		Operations Next Report Period Wait on Cement, ND BOPs, Set Casing Slips, Cut Casing, Install Packoff and Cap Well. Prepare for Rig Move	

Operations Summary

Run 5.5" Casing From 9,940' To 14,000', Circ Bottoms Up, Run 5.5" Casing From 14,000' To 19,970', Rig Down CRT, Install X-Over & Cement Head, Circulate 1 1/2 B/Up. Cement Production CSg. WOC

Remarks

Mud Volumes

Active Volume (bbl) 0.0	Var Active Vol (bbl) 0.0	Balance (bbl) 0.0	Tank Volume (bbl) 0.0	Additions (bbl) 0.0	Losses (bbl) 0.0	Hole Volume (bbl) 0.0
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Time Log

Start Time	Dur (hr)	Cum Dur (hr)	End Time	Code 1	Code 2	Problem?	Prob Hrs (hr)	Prob Ref #	Com
06:00	6.00	6.00	12:00	Drilling	Run CSG	No			Run 5.5" Casing From 9,940' To 14,000'.
12:00	1.50	7.50	13:30	Drilling	Cond Mud & Circ	No			Circulate Bottoms Up @ 219 GPM, Max Gas 6,042 Units
13:30	9.00	16.50	22:30	Drilling	Run CSG	No			Ran 5.5", 23#, P-110 MS2 casing with Anaconda SP connections from 14,000' to 19,970'. Displacement as calculated. Filled casing on the fly with 12.5# OBM. Had to Lay Down Joints 393 and 394 Due to Torque Turn Problems. (170k Total String Wt with Blocks) **Total of 213 Joints + 4 Marker Joints (9,643.53') 5" 23.2# P-110 EYHC In String. Total of 249 Joints (10,324.79') 5 1/2" 23# P-110 MS2 Anaconda GT in string. Shoe set at 19,970', top of FC at 19,919.55', top of Toe Sleeve 1 at 19,871.89', top of Toe Sleeve 2 at 19,859.70', top of Mkr 1 at 19,859.70', top of Mkr 2 at 19,668.78', top of Mkr 3 at 15,149.27', top of Mkr 4 at 10,823.32', top of XO at 10,324.79'.**
22:30	1.00	17.50	23:30	Drilling	RU Support Equipment	No			Laid Down CRT & MU Cement Head. RD remaining casing tools.
23:30	2.50	20.00	02:00	Drilling	Cond Mud & Circ	No			Fill Pipe and Break Circulation. Stage Up Pump Rate. Circulate 1 1/2 Bottoms Up with 245 GPM at 2,150 PSI. Max Gas at Bottoms Up 5,100 Units. No Gains or Losses. Hold PJSM With American Cementing, Innovex, and Precision.
02:00	3.00	23.00	05:00	Drilling	Cementing	No			Swap Lines to American Cementing. Test Lines To 8,000 PSI. Pump 60 BBL 13.0# Tuned Spacer @ 5 BPM. Mix & Pump 348 BBLs (1,397 sks) Class H 14.5# Tail Cement @ 5 BPM. Yield of 1.40 ft³/sk. Open Cement Head Cap and Drop Innovex Latch Plug. Displace With 20 BBLs of Sugar Water Followed by 352 BBL of Freshwater + Clay Stabilizer + Biocide at 5 BPM. Bump Plug from 4,050 Psi to 4,760 Psi at 4.0 BPM. Hold 5 Mins. Bled Back 4.0 bbls. Floats Holding. Full Returns Until Last 100 BBLs - Tapering to 80% Returns. Mud ES Down to 275 at Plug Bump. Well Flowing 1.5 BBL/Min After Plug Bump.

Mud Field Est (Cost) 1,005.80	Cum Mud Field Est (Co... 207,837.05
Start Depth (ftKB) 20,002.0	End Depth (ftKB) 20,002.0
Target Formation Wolfcamp	Target Depth (ftKB) 21,000.0
Last Casing String Production, 19,970.0ftKB	

Daily Contacts

Job Contact
Scott Palmer, Superintendent
Heath Duchesne, ACR
Brannon White, ACR

Rigs

Precision Drilling, 553

Contractor Precision Drilling	Rig Number 553
Rig Supervisor Albert Cruz, Rig Manager	

1, Continental-Emsco, F-1600

Pump # 1	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi)	Slow Spd	Strokes (s... Eff (%)

2, Continental-Emsco, F-1600

Pump # 2	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi) 2,250.0	Slow Spd No	Strokes (s... Eff (%) 62 95

3, Rostel, F-1600

Pump # 3	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi)	Slow Spd	Strokes (s... Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
Blower Rental	45.00	1.0
Engineering Service	895.00	1.0
Tax	1.00	65.8

Safety Checks

Time	Type	Des
17:45	Safety Meeting	Pre Tour Safety Meeting
01:00	PJSM	PJSM With American, Innovex, and Precision on Cementing
05:45	Safety Meeting	Pre Tour Safety Meeting

Wellbores

Wellbore Name	
Original Hole	
Kick Offs & Key Depths	
Type	Top Depth (ftKB)
Kick Off	10,193.0

Well Name: Hunter B 2604H

Time Log

Start Time	Dur (hr)	Cum Dur (hr)	End Time	Code 1	Code 2	Problem?	Prob Hrs (hr)	Prob Ref #	Com
05:00	1.00	24.00	06:00	Drilling	Wait on Cement	No			Shut Well In on Annular and WOC. Initial SICP at 300 PSI Building to 420 PSI Over 1 Hour. Rig Down Cementing Equipment. Prepare Rig For Rig Move.

Safety Incidents

Time	Category	Type	Subtype	Cause	Lost time?	Severity

Well Name: Hunter B 2604H

API/UWI 42-475-38269	Surface Legal Location 31° 32' 26.49" N, 103° 05' 03.87" W	License # 873433	State/Province Texas
Spud Date 3/16/2022 04:30	Rig Release Date 5/13/2022 18:00	KB-Ground Distance (ft) 26.00	KB-Casing Flange Distance (ft)
Weather Clear	Temperature (°F) 67.0	Road Condition Good	Hole Condition Good
Operations at Report Time Rigging Down		Operations Next Report Period Rig Down Rig, Move	

Operations Summary
WOC. Lift Stack. Set Casing Slips. Cut Casing. ND BOPs. Install Packoff and T/A Cap. Empty and Clean Mud Pits. Rig Down & Prepare for Rig Move

Remarks
Rig Released at 18:00 on 5/13/2022.

Mud Volumes

Active Volume (bbl)	Var Active Vol (bbl)	Balance (bbl)	Tank Volume (bbl)	Additions (bbl)	Losses (bbl)	Hole Volume (bbl)
0.0	0.0	0.0	0.0	0.0	0.0	0.0

Time Log

Start Time	Dur (hr)	Cum Dur (hr)	End Time	Code 1	Code 2	Problem?	Prob Hrs (hr)	Prob Ref #	Com
06:00	6.00	6.00	12:00	Drilling	Wait on Cement	No			Continue Waiting on Cement. SICP at 533 PSI After 7 Hours. Empty and Clean Mud Pits. Clean Rig Floor. Rig Down Pollution Pan. Attach BOP Wrangler to Stack. Disconnect Flow Line. Prepare for Rig Move.
12:00	0.50	6.50	12:30	Drilling	Wait on Cement	No			Bleed Off Pressure In 200 PSI Increments. Flow Check Well - Well Static. Open Casing Valve and Drain Stack.
12:30	2.00	8.50	14:30	Drilling	RU Support Equipment	No			Unscrew Locking Pins on Cactus Quick Connect. Lift BOP Stack. Set Casing Slips with 140K String Weight. Make Rough Cut. Lay Out Cut Joint.
14:30	1.00	9.50	15:30	Drilling	NU/ND	No			Disconnect BOP Control Lines, Kill Line, and Choke Line. Lay Over BOP Stack.
15:30	2.50	12.00	18:00	Drilling	RU Support Equipment	No			Make Final Cut on Casing. Bevel Inside and Outside of Stump. Set Packoff. Install Back Pressure Valve. Install T/A Cap. Test to 10,000 PSI. Rig Down Casing Elevators and Bail Extensions. Flush Through Kelly Hose. Lightning Rig Movers Moved All Tubulars and Misc. Release Rig at 18:00 on 5/13/22.
18:00	12.00	24.00	06:00	Drilling	Rig up / Tear Down	No			Wash Through All Mud Lines, Continue Cleaning Mud Pit, Shakers, Transfer Tank, Dryer Shakers, Centrifuges and Open Tops. Offload all 4 1/2" Handling Equipment from Rig Floor & Place In Redneck Basket. Offload All Cactus Wellhead Equipment from Rig Floor & Place In Cactus Basket. Dock Top Drive, Hang Off Block, Un-Spool & Cut Drill Line. Dock & Install Shipping Pin on ST-80. Rig Down Mud Pumps. Remove Flow Line. Rig Down Catwalk. Lay Down V-Door. Rig Down Mud Stand Pipe to Rig Floor. Break Down Grass Hopper.

Safety Incidents

Time	Category	Type	Subtype	Cause	Lost time?	Severity

Mud Field Est (Cost) -284.92	Cum Mud Field Est (Co... 207,552.13
Start Depth (ftKB) 20,002.0	End Depth (ftKB) 20,002.0
Target Formation Wolfcamp	Target Depth (ftKB) 21,000.0
Last Casing String Production, 19,970.0ftKB	

Daily Contacts

Job Contact
Scott Palmer, Superintendent
Nathan Barnes, ACR
Brannon White, ACR

Rigs

Precision Drilling, 553

Contractor Precision Drilling	Rig Number 553
Rig Supervisor Albert Cruz, Rig Manager	

1, Continental-Emsco, F-1600

Pump # 1	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi)	Slow Spd	Strokes (s... Eff (%)

2, Continental-Emsco, F-1600

Pump # 2	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi)	Slow Spd	Strokes (s... Eff (%)

3, Rostel, F-1600

Pump # 3	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b... 0.100
P (psi)	Slow Spd	Strokes (s... Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consume d
Barite Bulk	232.00	-17.43
Blower Rental	45.00	1.0
Engineering Service	895.00	1.0
Fuel Surcharge	1.00	543.38
Scale Charge	15.00	2.0
Tax	1.00	-18.64
Trucking	1.00	2,264.1

Safety Checks

Time	Type	Des
17:45	Safety Meeting	Pre Tour Safety Meeting
05:45	Safety Meeting	Pre Tour Safety Meeting

Wellbores

Wellbore Name
Original Hole

Kick Offs & Key Depths

Type	Top Depth (ftKB)
Kick Off	10,193.0

Well Name: Hunter B 2604H

API/UWI 42-475-38269	Surface Legal Location 31° 32' 26.49" N, 103° 05' 03.87" W	License # 873433	State/Province Texas
Spud Date 3/16/2022 04:30	Rig Release Date 5/13/2022 18:00	KB-Ground Distance (ft) 26.00	KB-Casing Flange Distance (ft)
Weather Clear	Temperature (°F) 68.0	Road Condition Good	Hole Condition Good
Operations at Report Time Waiting on Daylight		Operations Next Report Period Move Rig From Hunter B 2604H to Sealy Ranch 7706H	

Operations Summary
Break Apart Rig and Prepare for Rig Move. Lower Substructure and Derrick. Move Battalion Camp. Rig Wash.
70% Rigged Down
35 % Moved
0 % Rigged Up

Remarks

Mud Volumes

Active Volume (bbl) 0.0	Var Active Vol (bbl) 0.0	Balance (bbl) 0.0	Tank Volume (bbl) 0.0	Additions (bbl) 0.0	Losses (bbl) 0.0	Hole Volume (bbl) 0.0
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Time Log

Start Time	Dur (hr)	Cum Dur (hr)	End Time	Code 1	Code 2	Problem?	Prob Hrs (hr)	Prob Ref #	Com
06:00	14.00	14.00	20:00	Drilling	Rig up / Tear Down	No			Rig Down and Move Battalion Camps. Rig Down Grasshopper and Rig Floor Lines. Remove Drawworks. Lower Mud Boat and Pin. Remove Walking Package Bracing. Kill Rig Power. Pull Electrical Lines. Pull Out Generators. Bleed Cylinders and Lower Substructure. Install and Bleed MRC's. Lower Derrick. Rig Down Pumps. Split Mud Pits and Lower Shed Tops. Spot Loads For Washing and Move. 75% Rigged Down 35 % Moved
20:00	10.00	24.00	06:00	Drilling	Rig up / Tear Down	No			Roustabout crew pressure wash derrick and other rig components.

Safety Incidents

Time	Category	Type	Subtype	Cause	Lost time?	Severity

Mud Field Est (Cost) 1,377.63	Cum Mud Field Est (Co...) 208,929.76
Start Depth (ftKB) 20,002.0	End Depth (ftKB) 20,002.0
Target Formation Wolfcamp	Target Depth (ftKB) 21,000.0
Last Casing String Production, 19,970.0ftKB	

Daily Contacts

Job Contact
Scott Palmer, Superintendent
Nathan Barnes, ACR
Brannon White, ACR

Rigs

Precision Drilling, 553

Contractor Precision Drilling	Rig Number 553
Rig Supervisor Albert Cruz, Rig Manager	

1, Continental-Emsco, F-1600

Pump # 1	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b...) 0.100
P (psi)	Slow Spd	Strokes (s...) Eff (%)

2, Continental-Emsco, F-1600

Pump # 2	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b...) 0.100
P (psi)	Slow Spd	Strokes (s...) Eff (%)

3, Rostel, F-1600

Pump # 3	Pwr (hp) 1,600.0	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 12.00	Vol/Stk OR (b...) 0.100
P (psi)	Slow Spd	Strokes (s...) Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
Bentonite Bulk	205.00	7.0
Blower Rental	45.00	1.0
Engineering Service	895.00	1.0
Lime	7.50	-145.0
Tax	1.00	90.13

Safety Checks

Time	Type	Des
07:00	Safety Meeting	Pre Move Safety Meeting With Lightning and Precision

Wellbores

Wellbore Name
Original Hole

Kick Offs & Key Depths

Type	Top Depth (ftKB)
Kick Off	10,193.0