

<b>NEXTier</b>		<b>Job Summary</b>		Ticket Number		Ticket Date	
		TN#		BCO-2001-0104		1/29/2020	
COUNTY		COMPANY		API Number			
WELD		HIGHPOINT OPERATING		512350369			
WELL NAME		RIG		JOB TYPE			
FOX CREEK 25-6005D		Cartel 88		CM-SURFACE CASING			
SURFACE WELL LOCATION		CJES Field Supervisor		CUSTOMER REP			
40.975922 -104.377021		Tony Yates		Dustin			
EMPLOYEES							
<b>WELL PROFILE</b>							
Max Treating Pressure (psi):				Bottom Hole Static Temperature (°F):			
Bottom Hole Circulating Temperature (°F):				Well Type:			

Open Hole

1	Size (in)	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
	13.5	1530	0		
2	Size (in)	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)

Casing/Tubing/Drill Pipe

Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Surface	9 5/8	36	J-55	1525	0		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)

**CEMENT DATA**

<b>Stage 1:</b>		From Depth (ft):		To Depth (ft):	
Type: <b>Shoe Plugs</b>		Volume (sacks):		Volume (bbls):	
Cement & Additives:		Density (ppg)		Yield (ft³/sk)	Water Req.
<b>Stage 2:</b>		From Depth (ft):		To Depth (ft):	
Type: <b>Surface Plug</b>		Volume (sacks):		Volume (bbls):	
Cement & Additives:		Density (ppg)		Yield (ft³/sk)	Water Req.
<b>Stage 3:</b>		From Depth (ft):		To Depth (ft):	
Type: <b>Top Off</b>		Volume (sacks):		Volume (bbls):	
Cement & Additives:		Density (ppg)		Yield (ft³/sk)	Water Req.
<b>Stage 4:</b>		From Depth (ft):		To Depth (ft):	
Type:		Volume (sacks):		Volume (bbls):	
Cement & Additives:		Density (ppg)		Yield (ft³/sk)	Water Req.

**SUMMARY**

		<b>Stage 1</b>		<b>Stage 2</b>	
Preflushes:	30 bbls of	Fresh Water	Calculated Displacement (bbl):	115	
	10 bbls of	Dye	Actual Displacement (bbl):	115	
	bbls of				
Total Preflush/Spacer Volume (bbl):	40	Plug Bump (Y/N):	Y	Bump Pressure (psi):	730
Total Slurry Volume (bbl):	165	Lost Returns (Y/N):	N	(if Y, when)	
Total Fluid Pumped	323				
Returns to Surface:	Cement	29 bbls			

Job Notes (fluids pumped / procedures / tools / etc.): Pumped 3 bbls water. Pressure tested iron to 2500 psi. Pumped 30 bbls water. Pumped 10 bbls red dye. Mixed / Pumped 165 bbls cement at 13 ppg. Displaced 115 bbls water to land plug at 730 psi. Checked floats, got 1/4 bbl back. See job log for details.

**Thank You For Using**

**NexTier Completion Solutions**

Customer Representative Signature: \_\_\_\_\_

## Cement Job Log



Customer:	HIGHPOINT OPERATING	Date:	29-Jan-20	Serv. Supervisor:	Tony Yates		
Cust. Rep.:	Dustin	Ticket #:	BCO-2001-0104	Serv. Center	Brighton - 3021		
Well Name:	FOX CREEK 25-6005D	API Well #:	512350369	County:	WELD	State:	COLORADO
Well Type:	Oil	Rig:	Cartel 88	Type of Job:	CM-SURFACE CASING		

## Materials Furnished by NexTier

Plugs	Casing Hardware	Physical Slurry Properties						
		Sacks of Cement	Fluid Density (lb/gal)	Excess	Yield (cuft/sk)	Mix Water (gal/sk)	Fluid Volume (bbls)	Mix Water (bbls)
Spacer - 40bbls Water				0%			40.00	
Single Slurry - 13ppg Control Set C	100 % CJ922 +2.0 % CJ030+2.0 % CJ101+2.0 % CJ110+0.25 PPS CJ600+0.4 % CJX157011	480	13	20%	1.93	10.53	165.32	120
Displacement				0%			116.58	
				0%				
				0%				
				0%				
				0%				
				0%				
				0%				
				0%				

Displacement Chemicals:	
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OPEN HOLE DATA				TUBULAR DATA						
13.5 in. O.H. 0 to 1,550 ft		9.625 in. 36#, ( 0 to 1,550 ft)		SIZE WEIGHT	THRD	DEPTH (ft)	GRADE	ID (in)	BURST (psi)	COLLAPSE (psi)
Mix Cemt. Temperature °F	Lead Temp.	Middle Temp.	Tail Temp.							
79.0 °F										

PREVIOUS CASING DATA				PERFORATED INTERVAL DATA				CASING EQUIPMENT DEPTHS			
				TOP	BTM	SPF	SIZE	SHOE	FLOAT	STAGE	ACP
								1489	1487.5		

WELL FLUID		DISPLACEMENT FLUID				DIFF PRESS	CSG LIFT	MAX PRESS	Total Number of Runs			WATER ON LOC (bbl)
TYPE	DENSITY	VOLUME	TYPE	DENSITY		(psi)	(psi)	(psi)				
mud	9.0 ppg	116 bbl	water	8.3 ppg		375	652	1000	1			
Bumped Plug	Final Differential (psi)	Floats Held (Y/N)	PSI Left on Casing	Cement to Surface (bbl)	Top of Cement (ft)	Full Circ. During Job (Y/N)	Max Pump Pressure (psi)	Casing Rotation	Standby Charged(hrs)	Casing Reciprocation	Wireline Co.	
Yes	430.00	Y		29.00	-	Yes	730.00		-	No	0	

Comments/Special Customer Instructions

						<i>Tony Yates</i> Service Supervisor		29-Jan-20 Date	
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Client HighPoint Operating  
Ticket No. BCO-2001-0104  
Location 25-12N-63W  
Comments See job log

Client Rep BoB  
Well Name FOX CREEK 25-6005D  
Job Type Surface Casing

Supervisor Tony Yates  
Unit No. 445070  
Service District Brighton CO  
Job Date 01/29/2020

