



5.5" Production

Cement Post Job Report

Prepared For: Mr. Mike Schweizer

Prepared Date: 11/3/2017

Job Date: 11/2/2017

PDC Energy, Inc.

McGlothlin Farms 4X-204

Weld County, CO

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Job Summary

Ticket Number		Ticket Date	
TN#	FL2523	11/2/2017	
COUNTY	COMPANY	API Number	
Weld	PDC Energy, Inc.	05-123-44010	
WELL NAME	RIG	JOB TYPE	
McGlothlin Farms 4X-204	Ensign 161	Production	
SURFACE WELL LOCATION	O-TEX Field Supervisor	CUSTOMER REP	
SESE 4 - 5N - 64W	Joyner, Barlen	Brady Sharp	
EMPLOYEES			
McFarland, James			
Roark, Kenneth			
Lindsay, Kevin			
WELL PROFILE			
Max Treating Pressure (psi):	3500	Bottom Hole Static Temperature (°F):	210
Bottom Hole Circulating Temperature (°F):		Well Type:	Oil

Open Hole

1	Size (in)	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
	8.5	1685	14259		
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	9.625	36	J-55	0	1647		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Production	5.5	20	P-110	0	14256		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)

CEMENT DATA

Stage 1:	From Depth (ft):	2500	To Depth (ft):	14256
Type: SingleSlurry	Volume (sacks):	1721	Volume (bbls):	551.6

Cement & Additives:	Density (ppg)	Yield (ft ³ /sk)	Water Req.
100% 35:65:0(POZ:G:GEL)+0.4% ASM-3+0.3% CFR+0.6% C-17+25% Silica Flour	13.5	1.80	8.77

SUMMARY

Preflushes:	10 bbls of Fresh Water	Calculated Displacement (bbl):	Stage 1	Stage 2
	80 bbls of Mudflush	Actual Displacement (bbl):	315.2	
	10 bbls of Fresh Water		319	
Total Preflush/Spacer Volume (bbl):	100	Plug Bump (Y/N):	Y	Bump Pressure (psi): 1767
Total Slurry Volume (bbl):	561	Lost Returns (Y/N):	N	(if Y, when) N/A
Total Fluid Pumped	980			
Returns to Surface:	Mud	645 bbls		

Job Notes (fluids pumped / procedures / tools / etc.): Fresh water spacer, mudflush spacer (SAPP + Surfactant), Fresh water spacer, 1,750sx 1:2:0 G @ 13.5ppg, displace to calculated volume, pump 5bbls past plug bump to create a wet shoe.

Thank You For Using

O - TEX Pumping

Customer Representative Signature: _____

[illegible]