



5.5" Production

Cement Post Job Report

Prepared For: Mr. Mike Schweizer

Prepared Date: 9/18/2017

Job Date: 9/18/2017

PDC Energy, Inc.

McGlothlin Farms 4X-334

Weld County, CO

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Job Summary

Ticket Number		Ticket Date	
TN#	FL2304	9/18/2017	
COUNTY	COMPANY	API Number	
Weld	PDC Energy, Inc.	05-123-44009	
WELL NAME	RIG	JOB TYPE	
McGlothlin Farms 4X-334	Ensign 161	Production	
SURFACE WELL LOCATION	O-TEX Field Supervisor	CUSTOMER REP	
SESE 4 - 5N - 64W	Svoboda, Milo	John Falton	
EMPLOYEES			
McFarland, James		Roark, Kenneth	
Field, Tony			
Chapman Goodman, Donald			
WELL PROFILE			
Max Treating Pressure (psi):	4500	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	1662	14345		
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	1662		
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	14337		
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):	0	To Depth (ft):	14337		
Type: SingleSlurry	Volume (sacks):	2130	Volume (bbls):	683		
Cement & Additives:				Density (ppg)	Yield (ft³/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:	30 bbls of	SAPP	Calculated Displacement (bbl):	Stage 1	Stage 2
	10 bbls of	Fresh Water	Actual Displacement (bbl):	318	
	50 bbls of	Weighted Spacer		319	
Total Preflush/Spacer Volume (bbl):	90	Plug Bump (Y/N):	Y	Bump Pressure (psi):	2600
Total Slurry Volume (bbl):	683	Lost Returns (Y/N):	N (if Y, when)		
Total Fluid Pumped	1092				
Returns to Surface:	Cement	15 bbls			

Job Notes (fluids pumped / procedures / tools / etc.):

Pumped as per customer request. Wet shoe sub set @ 14304'.

Thank You For Using

O - TEX Pumping

Customer Representative Signature:

[illegible]