



5.5" Production

Cement Post Job Report

Prepared For: Mr. Mike Schweizer
Prepared Date: 3/12/2018
Job Date: 3/9/2018

PDC Energy, Inc.

Sandin 24C-201

Weld County, CO

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Job Summary

Ticket Number	Ticket Date
TN# FL3231	3/9/2018

COUNTY	COMPANY	API Number
Weld	PDC Energy, Inc.	05-123-44668
WELL NAME	RIG	JOB TYPE
Sandin 24C-201	Ensign 161	Production
SURFACE WELL LOCATION	O-TEX Field Supervisor	CUSTOMER REP
SWNE 24-5N-65W	Joyner, Barlen	Shane Paris

EMPLOYEES		
Coral-Flores, Francisco	St. John, Gary	
McFarland, James		

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	1673	17325		
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		0	1673		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Production	5.5	20		0	17324		
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):	2434	To Depth (ft):	17324
Type: Single Slurry	Volume (sacks):	1895	Volume (bbls):	607.5

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:	60 bbls of	Weighted Spacer	Calculated Displacement (bbl):	Stage 1	Stage 2
	bbls of		Actual Displacement (bbl):	383.9	
	bbls of			384	
Total Preflush/Spacer Volume (bbl):	60		Plug Bump (Y/N):	Y	Bump Pressure (psi): 1901
Total Slurry Volume (bbl):	608		Lost Returns (Y/N):	N (if Y, when)	N/A
Total Fluid Pumped	1052				
Returns to Surface:	Mud	1052 bbls			

Job Notes (fluids pumped / procedures / tools / etc.): Weighted spacer @ 12.5ppg, pump 1895sx 1:2:0 G + ads @ 13.5ppg, displace to calculated volume.

Thank You For Using
O-TEX Cementing

Customer Representative Signature: _____

[illegible]