



5.5" Latex Production

Cement Post Job Report

Prepared For: Mr. Mike Schweizer
Prepared Date: 8/1/2018
Job Date: 7/18/2018

PDC Energy, Inc.
Ottenhoff 29U-343
Weld County, CO

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Job Summary

Ticket Number	Ticket Date
TN# FL4220	7/18/2018

COUNTY	COMPANY	API Number
Weld	PDC Energy, Inc.	05-123-443644
WELL NAME	RIG	JOB TYPE
Ottenhoff 29U-343	Ensign 161	Latex Production
SURFACE WELL LOCATION	O-TEX Field Supervisor	CUSTOMER REP
NENE 29 5N 64W	Joyner, Barlen	Brady Sharp

EMPLOYEES
Watkins, Robert
Bartez, Xavier
Bell-Verhey, James
Brophy, Michael

WELL PROFILE			
Max Treating Pressure (psi):	4000	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	1629	14126	1629	6744
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	1629	0	1629
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	14124	0	6744
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):	2300	To Depth (ft):	2450
Type: Non-Latex Lead	Volume (sacks):	25	Volume (bbls):	6.1

Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.
50% Class G+50% Poz F+2% Gel+0.4% C-17+0.3% CJ240+10% CSE-2+0.3% CF-41P	14	1.37	6.06

Stage 2:	From Depth (ft):	2450	To Depth (ft):	5967
Type: Latex Lead	Volume (sacks):	575	Volume (bbls):	143.4

Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.
50% Class G+50% Poz F+2% Gel+0.4% C-17+0.3% CJ240+10% CSE-2+0.3% CF-41P+1-GPS LL001+0.2-GPS LLS01+0.07-GPS CF-41L	14	1.40	4.97

Stage 3:	From Depth (ft):	5967	To Depth (ft):	14124
Type: Tail	Volume (sacks):	1430	Volume (bbls):	333.6

Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.
75% Class G+25% Poz F+0.3% ASM-3+0.3% CFR-5+0.4% FL-17+0.6% FL-4+4% FWC-2	14.5	1.31	5.87

SUMMARY

Preflushes:	80 bbls of	SAPP	Calculated Displacement (bbl):	312.5	Stage 1	Stage 2
	25 bbls of	Fresh Water	Actual Displacement (bbl):	312		
	80 bbls of	Weighted Spacer				
Total Preflush/Spacer Volume (bbl):	185		Plug Bump (Y/N):	Y	Bump Pressure (psi):	2387
Total Slurry Volume (bbl):	486		Lost Returns (Y/N):	N	(if Y, when)	N/A
Total Fluid Pumped	983					
Returns to Surface:	Preflush	74 bbls				

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

See job log.

Thank You For Using
O-TEX Cementing

Customer Representative Signature:

[illegible]