



5.5" Production Cement Post Job Report

Prepared For: Mr. Mike Schweizer
Prepared Date: 12/5/2016
Job Date: 12/3/2016

PDC Energy, Inc.
Dunn 7i-321
Weld County, CO

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Job Summary

Ticket Number		Ticket Date	
TN#	FL1303	12/3/2016	
COUNTY	COMPANY	CUSTOMER REP	
Weld	PDC Energy, Inc.	Mr. David Gray	
WELL NAME	RIG	JOB TYPE	
Dunn 7i-321	Ensign 152	Production	
SURFACE WELL LOCATION		O-TEX Field Supervisor	
NWNW Sec 7:T5N:R64W		Maguire, Matthew	
EMPLOYEES			
		Melgarejo, Eddie	
Scott, Derek			
		Payne, James	
WELL PROFILE			
Max Treating Pressure (psi):		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	0	16853		
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	1780		
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	16810		
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):	0.00
Type: Stage 1 Lead	Volume (sacks):	170	Volume (bbls):	40
Cement & Additives:		Density (ppg)	Yield (ft ³ /sk)	Water Req.
100% Poz F+0.1% WG-4P		12.5	1.35	6.64
Stage 2:	From Depth (ft):	0	To Depth (ft):	5600.00
Type: Stage 1 Tail	Volume (sacks):	1010	Volume (bbls):	273.4
Cement & Additives:		Density (ppg)	Yield (ft ³ /sk)	Water Req.
100% 35:65:0(POZ:G:GEL)+4% Gel+0.2% C-20+0.4% FL-17		13.5	1.52	7.62
Stage 3:	From Depth (ft):	5600	To Depth (ft):	16810.00
Type: Stage 2	Volume (sacks):	1725	Volume (bbls):	574.5
Cement & Additives:		Density (ppg)	Yield (ft ³ /sk)	Water Req.
100% 35:65:0(POZ:G:GEL)+25% Silica Flour+0.3% ASM-3+0.5% FL-17+0.2% C-49+0.1% C-20		13.5	1.87	8.97

SUMMARY

Preflushes:	40 bbls of	Visweep	Calculated Displacement (bbl):	373	Stage 1	Stage 2
	20 bbls of	Mudflush	Actual Displacement (bbl)	373		
	40 bbls of	Weighted Spacer				
Total Preflush/Spacer Volume (bbl):	100	Plug Bump (Y/N):	Y	Bump Pressure (psi):	2800	
Total Slurry Volume (bbl):	887.9	Lost Returns (Y/N):		(if Y, when)		
Total Fluid Pumped	1360.9					
Returns to Surface:	Cement	50 bbls				

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

Thank You For Using

O - TEX Pumping

Customer Representative Signature:

[illegible]