



5.5" Production

Cement Post Job Report

Prepared For: Mr. Mike Schweizer
Prepared Date: 3/27/2017
Job Date: 3/27/2017

PDC Energy, Inc.

Ehrlich 5J-203

Weld County, CO

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Job Summary

Ticket Number	Ticket Date
TN# FL1563	3/27/2017

COUNTY	COMPANY	API Number
Weld	PDC Energy, Inc.	05-123-43540
WELL NAME	RIG	JOB TYPE
Ehrlich 5J-203	Ensign 158	Production
SURFACE WELL LOCATION	O-TEX Field Supervisor	CUSTOMER REP
NW NW 5 5N 64W	Scott, Derek	Mr. Dean Haight

EMPLOYEES		
	Seniours, David	
	Devine, Rich	
	Lightbody, Don	

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	13785	0	6007
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	1645		
Production	5.5	20	P-110	0	13774	0	6007

CEMENT DATA

Stage 1:	From Depth (ft):	0	To Depth (ft):	0
Type: Weighted Spacer	Volume (sacks):	170	Volume (bbls):	40.8

Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.
100% Poz F+0.1% WG-4P	12.5	1.29	5.91

Stage 2:	From Depth (ft):	0	To Depth (ft):	4381
Type: Lead	Volume (sacks):	790	Volume (bbls):	194

Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.
100% 50:50:0(POZ:Type III:GEL)+0.3% ASM-3+2% FWC-2+0.5% FL-17+0.2% C-20	13.5	1.38	6.54

Stage 3:	From Depth (ft):	4381	To Depth (ft):	13774
Type: Tail	Volume (sacks):	1505	Volume (bbls):	482.4

Cement & Additives:	Density (ppg)	Yield (ft³/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	13.5	1.80	8.78

SUMMARY

Preflushes:	40.8 bbls of Weighted Spacer	Calculated Displacement (bbl):	Stage 1	305	Stage 2	
	15 bbls of Fresh Water	Actual Displacement (bbl)		305		
	40 bbls of Mudflush	Plug Bump (Y/N):	Y	Bump Pressure (psi):	2500	
Total Preflush/Spacer Volume (bbl):	95.8	Lost Returns (Y/N):	N	(if Y, when)		
Total Slurry Volume (bbl):	846.4					
Total Fluid Pumped	1247.2					
Returns to Surface:	Cement 65 bbls					

Job Notes (fluids pumped / procedures / tools / etc.):
 Job pumped as per program and company man's request.

Thank You For Using
O - TEX Pumping

Customer Representative Signature: _____

