



5.5" Production

Cement Post Job Report

Prepared For: Mr. Mike Schweizer
Prepared Date: 4/23/2017
Job Date: 4/23/2017

PDC Energy, Inc.

Ehrlich 5M-243

Weld County, CO

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Job Summary

Ticket Number	Ticket Date
TN# FL1672	4/23/2017

COUNTY	COMPANY	API Number
Weld	PDC Energy, Inc.	05-123-43547
WELL NAME	RIG	JOB TYPE
Ehrlich 5M-243	Ensign 158	Production
SURFACE WELL LOCATION	O-TEX Field Supervisor	CUSTOMER REP
NW NW 5 5N 64W	Madsen, Dewayne	Jeremey Stolz

EMPLOYEES		
Lee, Won	Phillips, James	
Laeger, Kacey	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)
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	1690	0		
Production	5.5	20	P-110	13915	1690		

CEMENT DATA

Stage 1: From Depth (ft): To Depth (ft):
 Type: **Weighted Spacer**
 Volume (sacks): Volume (bbls):

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): To Depth (ft):
 Type: **Lead**
 Volume (sacks): Volume (bbls):

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): To Depth (ft):
 Type: **Tail**
 Volume (sacks): Volume (bbls):

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 bbls of Mudflush	Calculated Displacement (bbl):	Stage 1	Stage 2
	39 bbls of Weighted Spacer		302	
	10 bbls of Fresh Water		302	
Total Preflush/Spacer Volume (bbl):	89	Plug Bump (Y/N):	Y	Bump Pressure (psi):
Total Slurry Volume (bbl):	682	Lost Returns (Y/N):	N	(if Y, when)
Total Fluid Pumped	1073			
Returns to Surface:	Cement	80 bbls		

Job Notes (fluids pumped / procedures / tools / etc.): 80bbls cement back. Plug bumped @ 302bbls 2600psi. Wet shoe pumped 5bbls.

Thank You For Using
O - TEX Pumping

Customer Representative Signature: _____

