



5.5" Production

Cement Post Job Report

Prepared For: Mr. Mike Schweizer

Prepared Date: 8/17/2017

Job Date: 8/17/2017

PDC Energy, Inc.

Snowmass 9N

Weld County, CO

Prepared By: Scott Pollard

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Job Summary

Ticket Number		Ticket Date	
TN#	FL2180	8/17/2017	

COUNTY	COMPANY	API Number
Weld	PDC Energy, Inc.	05-123-44891
WELL NAME	RIG	JOB TYPE
Snowmass 9N	Ensign 152	Production
SURFACE WELL LOCATION	O-TEX Field Supervisor	CUSTOMER REP
5 5N 64W	Kopp, Jeff	Dave Freeburg

EMPLOYEES		
<i>Brannon, Jeffrey</i>	<i>Melgarejo, Eduardo</i>	
<i>Svoboda, Milo</i>		
<i>Omar H</i>		

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	0	15322	0	6655
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	1700		
Production	5.5	20	P-110	0	15323		

CEMENT DATA

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

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:	50 bbls of Weighted Spacer	Calculated Displacement (bbl):	Stage 1 342	Stage 2 _____
	5 bbls of Fresh Water	Actual Displacement (bbl):	342	_____
	_____ bbls of _____			
Total Preflush/Spacer Volume (bbl):	55	Plug Bump (Y/N):	Y	Bump Pressure (psi): 2600
Total Slurry Volume (bbl):	727	Lost Returns (Y/N):	N	(if Y, when) _____
Total Fluid Pumped	1124			
Returns to Surface:	<input type="text" value="Cement"/> <input type="text" value="140"/> bbls			

Job Notes (fluids pumped / procedures / tools / etc.):
 MD @ 15323ft. TVD @ 6655ft. Surface casing set at 1700ft/ 9.625 36#. Total sacks 2270 with 727bbls of cement @ 13.5ppg. Displaced 342bbls of fresh water. Burst disk @ 4100psi. Floats held. Pumped job per customers request.

Thank You For Using

O - TEX Pumping

Customer Representative Signature: _____

