



## **5.5" Production**

# **Cement Post Job Report**

Prepared For: Mr. Mike Schweizer  
Prepared Date: 10/16/2017  
Job Date: 10/12/2017

**PDC Energy, Inc.**

**Snowmass 1C**

**Weld County, CO**

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# Job Summary

Ticket Number		Ticket Date	
TN#	FL2409	10/12/2017	

COUNTY	COMPANY	API Number
Weld	PDC Energy, Inc.	05 - 123 - 44893
WELL NAME	RIG	JOB TYPE
Snowmass 1C	Ensign 152	Production
SURFACE WELL LOCATION	O-TEX Field Supervisor	CUSTOMER REP
Sec 5 - 5 N - 64 W	Laeger, Kacey	Dave Freeburg

EMPLOYEES		
Brannon, Jeff	Cadena, Darius	
Clark, John		
Roark, Kenneth		

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	1664	14808		
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	1664		
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	14807		
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):	14808
Type: SingleSlurry	Volume (sacks):	2180	Volume (bbls):	698

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:	20 bbls of	Fresh Water	Calculated Displacement (bbl):	328	Stage 1	Stage 2
	30 bbls of	SAPP	Actual Displacement (bbl):	323		
	50 bbls of	Weighted Spacer				
Total Preflush/Spacer Volume (bbl):	100		Plug Bump (Y/N):	Y	Bump Pressure (psi):	2000
Total Slurry Volume (bbl):	698		Lost Returns (Y/N):	n	(if Y, when)	
Total Fluid Pumped	1121					
Returns to Surface:	Cement	100 bbls				

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

Top of wet shoe sub at 14774

Thank You For Using

O - TEX Pumping

Customer Representative Signature: \_\_\_\_\_

[illegible]