



## **5.5" Production**

# **Cement Post Job Report**

Prepared For: Mr. Mike Schweizer  
Prepared Date: 4/26/2018  
Job Date: 4/11/2018

**PDC Energy, Inc.**

**Geib 26V-304**

**Weld County, CO**

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# Job Summary

Ticket Number	Ticket Date
TN# FL3534	4/11/2018

COUNTY	COMPANY	API Number
Weld	PDC Energy, Inc.	05-123-44856
WELL NAME	RIG	JOB TYPE
Geib 26V-304	Ensign 161	Production
SURFACE WELL LOCATION	O-TEX Field Supervisor	CUSTOMER REP
NENE 26-5N-65W	Collin, Justin	John Falton

## EMPLOYEES

St. John, Gary	Peterson, Roger
Cadena, Darius	
Williamson, Garrick	

## WELL PROFILE

Max Treating Pressure (psi):	2500	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	1631	18550		
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	1631		
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	18550		
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):	2472	To Depth (ft):	18550
Type: Single Slurry	Volume (sacks):	2050	Volume (bbls):	657

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

		Stage 1	Stage 2
Preflushes:	20 bbls of SAPP	Calculated Displacement (bbl): 411	
	100 bbls of Weighted Spacer	Actual Displacement (bbl): 411	
	10 bbls of Fresh Water		
Total Preflush/Spacer Volume (bbl):	130	Plug Bump (Y/N): Y	Bump Pressure (psi): 2474
Total Slurry Volume (bbl):	657	Lost Returns (Y/N): N (if Y, when)	
Total Fluid Pumped	1198		
Returns to Surface:			

Job Notes (fluids pumped / procedures / tools / etc.): Filled lines with 3bbls of fresh water. Pressure tested pumps and lines to 5000psi. Pumped 20bbls of fresh water + SAPP. Pumped 100bbls of weighted spacer. Batched and pumped 2050sx of 13.5ppg cement (1.8 yield). Shut down. Loaded plug and wahed up pumps and lines. Displaced 411bbls of fresh water to bump plug. Bumped plug at 2474psi. Shut down. Burst WSS and pumped 5bbls of fresh water. Shut down. Checked floats, got 2bbls back. Job went according to program and customer's request. Job went well.

Thank You For Using  
O-TEX Cementing

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

<div><div><div>C&amp;J ENERGY SERVICES</div><div>O-TEX CEMENTING</div></div></div>				<div>CEMENTING JOB LOG</div>				<div>Project Number</div> <div>FL3534</div>		<div>Job Date</div> <div>4/11/2018</div>		
<div>O-Tex Location</div> <div>Brighton, Colorado 303-857-7948</div>				<div>Customer</div> <div>PDC Energy, Inc.</div>				<div>State</div> <div>CO</div>		<div>County</div> <div>Weld</div>		
<div>Lease Name</div>		<div>Well No.</div>		<div>O-Tex Field Supervisor</div> <div>Collin, Justin</div>				<div>Customer Representative</div> <div>John Falton</div>			<div>Phone</div> <div>970-580-5564</div>	
<div>Geib 26V-304</div>				<div>Man Hours</div>				<div>API Number</div> <div>05-123-44856</div>				
<div>Job Type</div> <div>Production</div>												
<div>USE THIS FORM TO NOTE ANY ISSUES ENCOUNTERED WITH THE PERFORMANCE OF THIS JOB.</div> <div>THIS MAY INCLUDE TIME AT THE SHOP, ON THE ROAD OR DELAYS WITH DRILLING CONTRACTOR.</div>												
<div>DATE</div>		<div>TIME</div>		<div>VOLUME</div>		<div>RATE</div>		<div>PRESS</div>		<div>JOB PROCEDURES</div>		
								<div>CSG</div> <div>Tbg.</div>				
4/10/2018		17:45								Arrive on location		
4/10/2018		18:00								Tailgate meeting		
4/10/2018		18:25								Rig in		
4/11/2018		6:00								Safety meeting		
4/11/2018		6:24		3 bbl		1.00		350		Fill lines		
4/11/2018		6:26						5538		Pressure tested pumps and lines		
4/11/2018		6:29		20 bbl		8.00		1000		Fresh water + SAPP		
4/11/2018		6:38		100 bbl		4.00		800		Weighted spacer		
4/11/2018		6:56		657 bbl		8.00		757		2050sx of 13.5ppg cement (1.8 yield)		
4/11/2018		8:28								Shut down		
4/11/2018		8:34								Wash up		
4/11/2018		8:39								Drop plug		
4/11/2018		8:40		411 bbl		7.00		320		Displace fresh water		
4/11/2018		9:34						2474		Bump plug		
4/11/2018		9:34								Shut down		
4/11/2018		9:38		2 bbl		2.00		4141		Burst WSS		
4/11/2018		9:39		5 bbl		4.00		2083		Fresh water		
4/11/2018		9:40								Shut down		
4/11/2018		9:42								Check floats		
4/11/2018		9:48								Rig out		
4/11/2018		10:15								Job complete		
4/11/2018		10:45								Leave location		
<div>JOB CALCULATIONS</div>												
<div>Shoe joint @ 18516'</div>												
<div>TOC @ 2472'</div>												
<div>CASING DATA</div>												
<div>5 1/2" 20lb production casing from 0'-18551'</div>												
<div>9 5/8" 36lb surface casing from 0'-1631'</div>												
<div>8 1/2" OH from 1631'-2472'</div>												
<div>ANNULAR DATA</div>												
<div>PLEASE NOTE ANY CONTRACTOR ISSUES OR COMMENTS BELOW</div>												