



5.5" Production

Cement Post Job Report

Prepared For: Mr. Mike Schweizer
Prepared Date: 11/25/2017
Job Date: 11/23/2017

PDC Energy, Inc.

Wiedeman Federal 22H-332

Weld County, CO

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Job Summary

Ticket Number	Ticket Date
TN# FL2652	11/23/2017

COUNTY	COMPANY	API Number
Weld	PDC Energy, Inc.	05-123-43393
WELL NAME	RIG	JOB TYPE
Wiedeman Federal 22H-332	Ensign 152	Production
SURFACE WELL LOCATION	O-TEX Field Supervisor	CUSTOMER REP
NWSW 22-4N-66W	Davila, Isreal	Dave Freeburg

EMPLOYEES		
Brannon, Jeffrey		
Vieaux, Jon		
	St. John, Gary	

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	1645	11791	0	7000
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	0	1645
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	11785	0	7000
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):	2500	To Depth (ft):	11791
Type: SingleSlurry	Volume (sacks):	1360	Volume (bbls):	436

Cement & Additives:	Density (ppg)	Yield (ft ³ /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:	10 bbls of Fresh Water	Calculated Displacement (bbl):	261	Stage 1	Stage 2
	80 bbls of Mudflush	Actual Displacement (bbl):	260		
	10 bbls of Fresh Water	Plug Bump (Y/N):	y	Bump Pressure (psi):	2500
Total Preflush/Spacer Volume (bbl):	100	Lost Returns (Y/N):	n	(if Y, when)	
Total Slurry Volume (bbl):	436				
Total Fluid Pumped	796				
Returns to Surface:	Preflush 10 bbls				

Job Notes (fluids pumped / procedures / tools / etc.):
 Job pumped as per customers request

Thank You For Using
O - TEX Pumping

Customer Representative Signature: _____



CEMENTING JOB LOG

Project Number	Job Date
FL2652	11/23/2017
State	County
CO	Weld
Customer Representative	Phone
Dave Freeburg	435-901-9247
Man Hours	API Number
28	05-123-43393

O-Tex Location	Customer
Brighton, Colorado 303-857-7948	PDC Energy, Inc.
Lease Name	O-Tex Field Supervisor
Well No.	Davila, Isreal
Job Type	Man Hours
Production	28

USE THIS FORM TO NOTE ANY ISSUES ENCOUNTERED WITH THE PERFORMANCE OF THIS JOB.
THIS MAY INCLUDE TIME AT THE SHOP, ON THE ROAD OR DELAYS WITH DRILLING CONTRACTOR.

DATE	TIME	VOLUME	RATE	PRESS		JOB PROCEDURES
				CSG	Tbg.	
11/23/2017	6:30					Arrive on location
	6:40					Tailgate meeting
	6:50					Spot Equipment
	7:00					Rig in
	9:00					Safety meeting
	9:28	2 bbl	1.50	200		Fill lines
	9:31			5000		Pressure test
	9:34	10 bbl	5.00	400		Pump fresh
	9:36	80 bbl	6.00	500		Pump mudflush
	9:50	10 bbl	6.50	800		Pump fresh
	9:53	436 bbl	7.00	700		Mix and pump cement at 13.5
	10:57					Stop, wash pump, and lines and drop plug
	11:21	260 bbl	7.00	1700		Displace
	12:08			2500		Bump plug
	12:15	2 bbl	2.00	4200		Pressue up to about 4200, then pump 5bbbls
	12:16	5 bbl	5.00	1800		pump 5 bbbls
	12:20					Check floats, 1.5 bbbls back, floats held
	12:30					Rig out
	13:30					Depart location

JOB CALCULATIONS

pump 1360 sacks of cement to bring cement to 2500'

CASING DATA

5.5" 20# casing to 11785

ANNULAR DATA

PLEASE NOTE ANY CONTRACTOR ISSUES OR COMMENTS BELOW