



Job Summary

Ticket Number	Ticket Date
TN# FL1573	3/27/2017

COUNTY	COMPANY	API Number
Weld	PDC Energy, Inc.	05-123-20694

WELL NAME	RIG	JOB TYPE
State 6524 #24-28	Ensign 354	Squeeze

SURFACE WELL LOCATION	O-TEX Field Supervisor	CUSTOMER REP
SE SW 28 6N 63W	Joyner, Barlen	Mr. Eloy Cossio

EMPLOYEES		
	Phillips, James	
Cheal, Sam		

WELL PROFILE

Max Treating Pressure (psi):	1500	Bottom Hole Static Temperature (°F):	0
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)
Production	4.5	11.6		0	2200		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Tubing	2.375	4.7		0	2200		
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): To Depth (ft):
 Type: Squeeze Volume (sacks): Volume (bbls):

Cement & Additives:	Density (ppg)	Yield (ft ³ /sk)	Water Req.
100% Class G	15.8	1.15	5.00

SUMMARY

Preflushes: <u>10</u> bbls of <u>Fresh Water</u>	Calculated Displacement (bbl): <u>6.5</u>	Stage 1	Stage 2
<u> </u> bbls of <u> </u>	Actual Displacement (bbl): <u>6.5</u>		
<u> </u> bbls of <u> </u>			
Total Preflush/Spacer Volume (bbl): <u>10</u>	Plug Bump (Y/N): <u>N/A</u>	Bump Pressure (psi): <u>N/A</u>	
Total Slurry Volume (bbl): <u>12</u>	Lost Returns (Y/N): <u>N</u> (if Y, when <u> </u>)		
Total Fluid Pumped: <u>28.5</u>			
Returns to Surface: <u>Mud</u> <u>28</u> bbls			

Job Notes (fluids pumped / procedures / tools / etc.): Establish circulation, pump 60sx G (neat) @ 15.8ppg (50sx into the retainer & 10sx on top of the retainer), displace 6.5bbls (2bbls shy of the end of the tubing).

Thank You For Using

O - TEX Pumping

Customer Representative Signature: _____



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Ticket Date

3/28/2017

COUNTY	COMPANY	API Number
Weld	PDC Energy, Inc.	05-123-20694
WELL NAME	RIG	JOB TYPE
State 6524 #24-28	Ensign 354	Stub Plug
SURFACE WELL LOCATION	O-TEX Field Supervisor	CUSTOMER REP
SE SW 28 6N 63W	Klosterman, Austin	Eloy Cossio
EMPLOYEES		
	Melgarejo, Eduardo	
Payne, James		
0		

WELL PROFILE

Max Treating Pressure (psi):	1500	Bottom Hole Static Temperature (°F):	0
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)
	10	205	570		
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	8.625	24	J-55	0	365		
Production	4.5	11.6	P-110		570		
Tubing	2.375	4.7		0	620		

CEMENT DATA

Stage 1:	From Depth (ft):	0	To Depth (ft):	620
Type: Stub Plug	Volume (sacks):	268	Volume (bbls):	55

Cement & Additives:	Density (ppg)	Yield (ft ³ /sk)	Water Req.
100% Class G	15.8	1.15	5.00

SUMMARY

	Stage 1	Stage 2
Preflushes: 5 bbls of Fresh Water		
Calculated Displacement (bbl):		
Actual Displacement (bbl):		
Total Preflush/Spacer Volume (bbl):	5	
Plug Bump (Y/N):	n/a	Bump Pressure (psi): n/a
Total Slurry Volume (bbl):	55	
Lost Returns (Y/N):	N (if Y, when)	
Total Fluid Pumped:	60	
Returns to Surface:	Cement	5 bbls

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

Job went according to program and customer's request. Job went well.

Customer Representative Signature:

Thank You For Using

O - TEX Pumping