



Job Summary

Ticket Number	Ticket Date
TN# FL1210	10/25/2016

COUNTY	COMPANY	CUSTOMER REP
Weld	PDC Energy, Inc.	Dean Haight
WELL NAME	RIG	JOB TYPE
Jacobucci 32S-403	Ensign 158	Production
SURFACE WELL LOCATION	O-TEX Field Supervisor	
NE SW Sec32:R1N:T67W	Joyner, Barlen	

EMPLOYEES		
	Phillips, James	
Madsen, Dewayne	Begano, Brian	

WELL PROFILE			
Max Treating Pressure (psi):	3000	Bottom Hole Static Temperature (°F):	
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	2046	14787	2046	7828
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	2046	0	2046
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	14776	0	7828
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):	0.00
Type: Spacer	Volume (sacks):	170	Volume (bbls):	40
Cement:	Poz F	Density (ppg)	Yield (ft³/sk)	Water Req.
Additives:	WG-4P	12.5	1.32	6.25

Stage 2:	From Depth (ft):	0	To Depth (ft):	5732.00
Type: Lead	Volume (sacks):	728	Volume (bbls):	224
Cement:	1:1:0 'Poz:Type III'	Density (ppg)	Yield (ft³/sk)	Water Req.
Additives:	0.3% ASM-3 + 0.4% FL-17 + 2 FWC-2 + 0.4% CF-41P + 0.4% CF-41P + 0.2% C-20	12.5	1.73	8.91

Stage 3:	From Depth (ft):	5732	To Depth (ft):	14776.00
Type: Tail	Volume (sacks):	1099	Volume (bbls):	370
Cement:	35:65:0(poz:G:GEL)	Density (ppg)	Yield (ft³/sk)	Water Req.
Additives:	25% Silica Flour (325) + 0.3% ASM-3 + 0.5% FL-17 + 0.2% C-49 + 0.1% C-20	13.5	1.87	8.97

SUMMARY

Preflushes:	40 bbls of	Weighted Spacer	Calculated Displacement (bbl):	328
	20 bbls of	Mudflush	Actual Displacement (bbl)	327
	10 bbls of	Fresh Water	Plug Bump (Y/N):	Y
Total Preflush/Spacer Volume (bbl):	70		Bump Pressure (psi):	2630
Total Slurry Volume (bbl):	609		Lost Returns (Y/N):	N (if Y, when)
Total Fluid Pumped	1006			
Returns to Surface:	Cement	40 bbls		

Thank You For Using

O - TEX Pumping

Customer Representative Signature: _____

[illegible]