



Job Summary

Ticket Number	Ticket Date
TN# FL1090	8/29/2016

COUNTY	COMPANY	CUSTOMER REP
Weld	PDC Energy, Inc.	Mr. Dean Haight
WELL NAME	RIG	JOB TYPE
Jacobucci 320-203	Ensign 121	Production
SURFACE WELL LOCATION	O-TEX Field Supervisor	
NE SW Sec32:R1N:T67W	Laeger, Kacey	
EMPLOYEES		
	Pyfer, Kevin	
	Cheal, Sam	
	Daylong, Eric	

WELL PROFILE

Max Treating Pressure (psi):	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	2070	14480		
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	2070		
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	14480		
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):	5436.00
Type: Lead	Volume (sacks):	785	Volume (bbls)	241

Cement:	1:1:0 'Poz: Type III'	Density (ppg)	Yield (ft³/sk)	Water Req.
Additives:	0.3% ASM-3 + 0.4% FL-17 + 22 FWC-2 + 0.2% C-20 + 0.3% CF-41P	12.5	1.73	9.25

Stage 2:	From Depth (ft):	5436	To Depth (ft):	14480.00
Type: Tail	Volume (sacks):	1108	Volume (bbls)	369

Cement:	2:1:0 'Poz: G'	Density (ppg)	Yield (ft³/sk)	Water Req.
Additives:	25% Silica Flour (325) + 0.3% ASM-3 + 0.2% C-49 + 0.5% FL-17 + 0.5% FL-17 + 0.1% C-20	13.5	1.87	9.21

SUMMARY

Preflushes:	20 bbls of	Mudflush	Calculated Displacement (bbl):	321
	40 bbls of	Weighted Spacer	Actual Displacement (bbl)	321
	10 bbls of	Fresh Water	Plug Bump (Y/N):	y
Total Preflush/Spacer Volume (bbl):	70		Lost Returns (Y/N):	n (if Y, when)
Total Slurry Volume (bbl):	610		Bump Pressure (psi):	2500
Total Fluid Pumped	1001			
Returns to Surface:	Cement	45 bbls		

Customer Representative Signature:

Thank You For Using

O - TEX Pumping

O-Tex / Equipment and Personnel Report						Project Number	Job Date
						FL1090	8/29/2016
O-Tex Location			Customer			State	County
Fort Lupton, Colorado 303-857-7948			PDC Energy, Inc.			CO	Weld
Lease Name		Well No.		O-Tex Field Supervisor		Customer Representative	
Jacobucci 320-203				Laeger, Kacey		Mr. Dean Haight	
Job Type				Man Hours		Phone	
Production				24		970-301-1433	
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		
8/29/2016	1:30am				Arrive on location		
8/29/2016	1:40am				Rig up O-tex		
8/29/2016	2:40am				Saftey meeting		
8/29/2016	3:18am	2	2.00	150	Fill lines		
8/29/2016	3:20am	0.5		5000	pressure test		
8/29/2016	3:25am	20 bbl	1.50	550	Pump Mud flush		
8/29/2016	3:38am	40 bbl	6.00	900	Pump Weighted spacer		
8/29/2016	3:44am	10 bbl	4.00	900	Pump fresh water		
8/29/2016	3:47am	241 bbl	8.00	550	Pump lead		
8/29/2016	4:15am	369 bbl	8.00	550	Pump Tail		
8/29/2016	5:00am	15 bbl NA	NA	NA	Stop wash out lines		
8/29/2016	5:00am	Na bbl	NA	NA	Drop Plug		
8/29/2016	5:15am	321 bbl	8.00	1800	Displace		
8/29/2016	5:50am			2500	Bump plug		
8/29/2016	5:50am			2500	Casing test 15min		
8/29/2016	6:05am				Check floats 1.5bbbs back		
8/29/2016	6:20am				Rig out O-tex		
8/29/2016	7:20am				Leave location		
JOB CALCULATIONS							
CASING DATA							
ANNULAR DATA							
PLEASE NOTE ANY CONTRACTOR ISSUES OR COMMENTS BELOW							