

<h1>Job Summary</h1>				Ticket Number		Ticket Date	
				TN#	FL1027	7/12/2016	
COUNTY		COMPANY		CUSTOMER REP			
Weld		PDC Energy, Inc.		Shane Paris			
WELL NAME		RIG		JOB TYPE			
Schaumburg 17F-334		Ensign Drilling 135		Production			
SURFACE WELL LOCATION		O-TEX Field Supervisor					
SW NW Sec17:R5N:T64W		Klosterman, Austin					
EMPLOYEES							
		Hardwick, Buck					
Barden, Sean		Doran, Ben					

WELL PROFILE							
Max Treating Pressure (psi):		4000		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	0	12,120				
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	1470		
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	12,118		
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):		5600.00
Type: Lead		Volume (sacks):		885	Volume (bbls)		273
Cement:	1:1:0 'Poz:Type III'				Density (ppg)	Yield (ft³/sk)	Water Req.
Additives:	0.3% ASM-3 + 0.5% CFL-10 + 2% FWC-2 + 0.3% CDF-4P + 0.2% LTR				12.5	1.73	9.25
Stage 2:		From Depth (ft):		5600	To Depth (ft):		12118.1
Type: Tail		Volume (sacks):		1030	Volume (bbls)		343
Cement:	1:2:0 'Poz:G'				Density (ppg)	Yield (ft³/sk)	Water Req.
Additives:	25% Silica Flour (325) + 0.3% ASM-3 + 0.2% SPC-2 + 0.5% CFL-10 + 0.5% CFL-10 + 0.1% LTR				13.5	1.87	9.21
Stage 3:		From Depth (ft):		0	To Depth (ft):		0.00
Type: Spacer		Volume (sacks):		70	Volume (bbls)		40
Cement:	Flyash				Density (ppg)	Yield (ft³/sk)	Water Req.
Additives:	1% ASM-5				10	3.29	21.02
Stage 4:		From Depth (ft):			To Depth (ft):		
Type:		Volume (sacks):			Volume (bbls)		
Cement:					Density (ppg)	Yield (ft³/sk)	Water Req.
Additives:							

SUMMARY							
Preflushes:	20 bbls of	Mudflush	Calculated Displacement (bbl):	268			
	bbls of		Actual Displacement (bbl)	268			
	bbls of		Plug Bump (Y/N):	Y	Bump Pressure (psi):		
Total Preflush/Spacer Volume (bbl):	20		Lost Returns (Y/N):	N	(if Y, when)		
Total Slurry Volume (bbl):	656		bbl				
Total Fluid Pumped	944						
Returns to Surface (bbl):	1	Cement	bbls				
Customer Representative Signature				Thank You For Using O - TEX Pumping			

[illegible]