

Job Summary

Ticket Number: **FL1027** Ticket Date: **7/12/2016**

COUNTY	COMPANY	CUSTOMER REP
Weld	PDC Energy, Inc.	Shane Paris
WELL NAME	RIG	JOB TYPE
Schaumberg 17F-334	Ensign Drilling 135	Production
SURFACE WELL LOCATION		O-TEX Field Supervisor
SW NW Sec17:R5N:T64W		Klosterman, Austin
EMPLOYEES		
	<i>Hardwick, Buck</i>	
<i>Barden, Sean</i>	<i>Doran, Ben</i>	

WELL PROFILE

Max Treating Pressure (psi):	4000	Bottom Hole Static Temperature (°F):	
Bottom Hole Circulating Temperature (°F):		Well Type:	Oil

Open Hole

	Size (in)	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
1	8.5	0	12,120		
2					

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		
Production	5.5	20	P-110	0	12,118		

CEMENT DATA

Stage 1: From Depth (ft): To Depth (ft):

Type: **Lead**

Volume (sacks): Volume (bbls)

Cement:	1:1:0 'Poz:Type III'	Density (ppg)	Yield (ft ³ /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): To Depth (ft):

Type: **Tail**

Volume (sacks): Volume (bbls)

Cement:	1:2:0 'Poz:G'	Density (ppg)	Yield (ft ³ /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): To Depth (ft):

Type: **Spacer**

Volume (sacks): Volume (bbls)

Cement:	Flyash	Density (ppg)	Yield (ft ³ /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 (ft ³ /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
Total Preflush/Spacer Volume (bbl):	20		Bump Pressure (psi):	
Total Slurry Volume (bbl):	656		Lost Returns (Y/N):	N (if Y, when)
Total Fluid Pumped	944		bbl	
Returns to Surface (bbl):	1	Cement	bbls	

Customer Representative Signature

Thank You For Using
O - TEX Pumping

