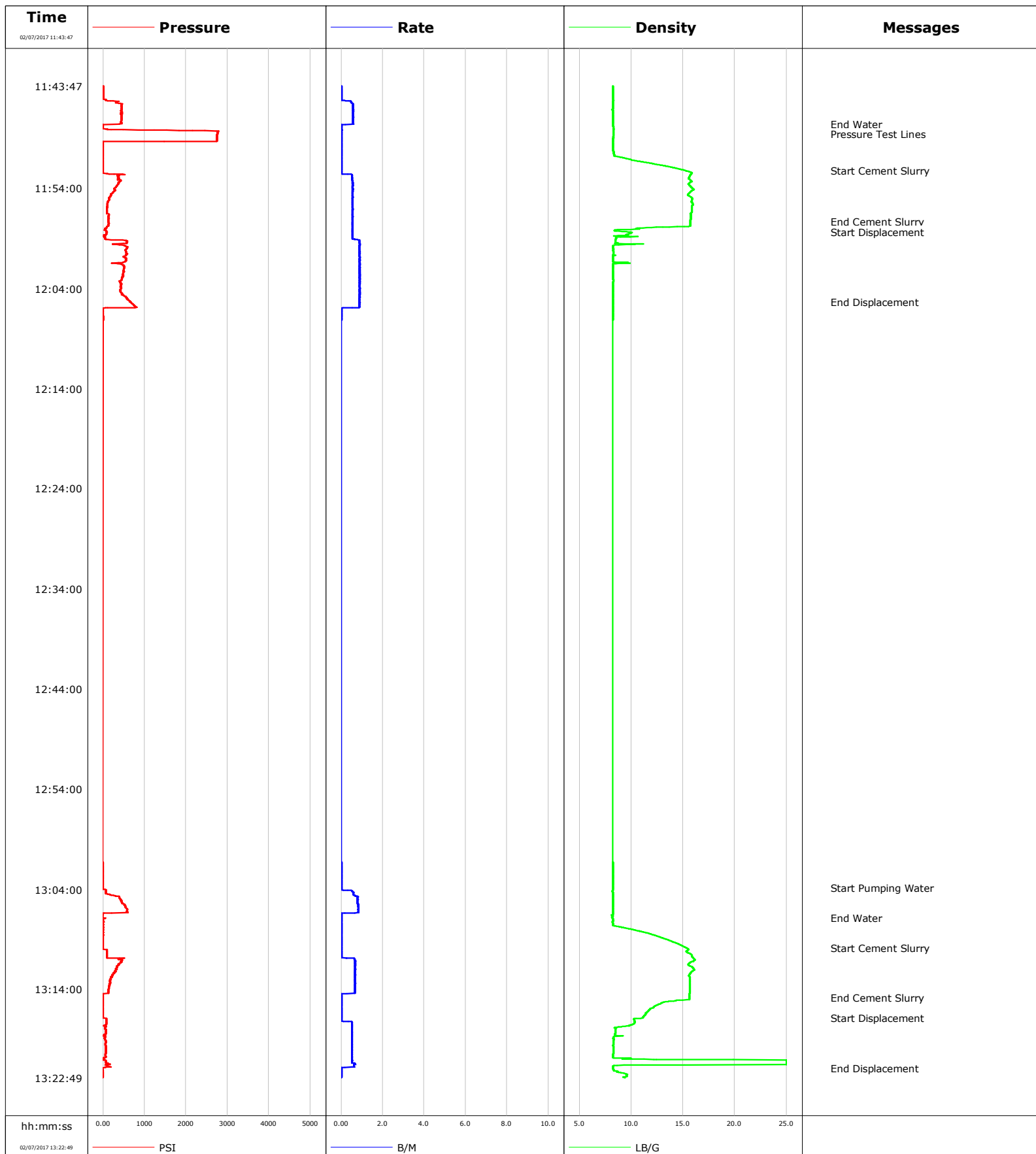


**Well** Wethington 6-7  
**Field** DJ  
**Engineer** Richard White  
**Country** United States

**Client** Anadarko  
**SIR No.** DA6T-00516  
**Job Type** Plug Abandon  
**Job Date** 02-07-2017



				Customer Anadarko		Job Number DA6T-00516	
Well <b>Wethington 6-7</b>		Location (legal) CWY		Schlumberger Location Cheyenne		Job Start <b>Feb/07/2017</b>	
Field DJ		Formation Name/Type		Deviation deg	Bit Size in	Well MD 7220.0 ft	Well TVD 7220.0 ft
County Weld		State/Province Colorado		BHP psi	BHST 220 degF	BHCT 210 degF	Pore Press. Gradient lb/gal
Well Master 0631287797		API/UWI <b>512333627</b>					
Rig Name Ensign 316	Drilled For Oil and Gas	Service Via Land	Casing/ Liner				
			Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
Offshore Zone	Well Class Old	Well Type Other	7220.0	4.5	11.6	J55	8RD
			0.0	0.0	0.0		
Drilling Fluid Type		Max. Density lb/gal	Plastic Viscosity cP	Tubing/Drill Pipe			
				T/D	Depth, ft	Size, in	Weight, lb/ft
Service Line Cementing	Job Type Plug & Abandon			T	<b>7220.0</b>	2.4	4.6
					0.0	0.0	0.0
Max. Allowed Tub. Press psi	Max. Allowed Ann. Press psi	WH Connection 2 3/8" 4.7# T/S	Perforations/Open Hole				
			Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval
			ft	ft			ft
			ft	ft			Diameter
			ft	ft			in
			Treat Down Tubing	Displacement 26.0 bbl	Packer Type	Packer Depth ft	
			Tubing Vol. bbl	Casing Vol. bbl	Annular Vol. bbl	Openhole Vol. bbl	
Casing/Tubing Secured <input type="checkbox"/>		1 Hole Vol. Circulated prior to Cement <input type="checkbox"/>		Casing Tools		Squeeze Job	
Lift Pressure psi				Shoe Type		Squeeze Type	
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth ft		Tool Type	
No. Centralizers		Top Plugs	Bottom Plugs	Stage Tool Type		Tool Depth ft	
Cement Head Type				Stage Tool Depth ft		Tail Pipe Size in	
Job Scheduled For Feb/07/2017		Arrived on Location Feb/07/2017	Leave Location Feb/07/2017	Collar Type		Tail Pipe Depth ft	
				Collar Depth ft		Sqz. Total Vol. bbl	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume NULL	Message	
02/07/2017	11:43:47	8	0.0	8.25	10	Start Pumping Water	
02/07/2017	11:45:47	443	0.6	8.24	5		
02/07/2017	11:47:47	-1	0.0	8.21	10		
02/07/2017	11:48:37	2755	0.0	8.28	10	Pressure Test Lines	
02/07/2017	11:49:47	-5	0.0	8.24	10		
02/07/2017	11:51:47	-5	0.0	13.28	10		
02/07/2017	11:52:16	-5	0.0	15.25	10	Start Cement Slurry	
02/07/2017	11:53:47	333	0.6	15.69	5		
02/07/2017	11:55:47	100	0.6	15.85	5		
02/07/2017	11:57:17	127	0.6	15.72	5	End Cement Slurry	
02/07/2017	11:57:47	127	0.5	15.70	5		
02/07/2017	11:58:21	86	0.5	9.54	5	Start Displacement	
02/07/2017	11:59:47	548	0.9	8.25	5		
02/07/2017	12:01:47	503	0.9	8.24	5		
02/07/2017	12:03:47	425	0.9	8.25	5		
02/07/2017	12:05:21	667	0.9	8.25	5	End Displacement	
02/07/2017	12:05:47	773	0.9	8.25	5		
02/07/2017	13:01:47	-1	0.0	8.23	10		
02/07/2017	13:03:47	-5	0.0	8.23	10		
02/07/2017	13:03:51	-5	0.0	8.23	10	Start Pumping Water	
02/07/2017	13:05:47	530	0.8	8.24	5		

Well			Field		Job Start	Customer		Job Number	
Wethington 6-7			DJ		Feb/07/2017	Anadarko		DA6T-00516	
Date	Time 24-hr clock	Treating Pressure PSI		Flow Rate B/M	Density LB/G	Volume NULL	Message		
02/07/2017	13:07:47	8		0.0	9.04	10			
02/07/2017	13:09:47	-1		0.0	15.15	10			
02/07/2017	13:09:51	-1		0.0	15.30	10	Start Cement Slurry		
02/07/2017	13:11:47	347		0.7	15.90	5			
02/07/2017	13:13:47	141		0.7	15.65	5			
02/07/2017	13:14:51	-10		0.0	15.61	5	End Cement Slurry		
02/07/2017	13:15:47	-10		0.0	12.13	10			
02/07/2017	13:16:51	-10		0.0	11.08	10	Start Displacement		
02/07/2017	13:17:47	54		0.5	8.67	5			
02/07/2017	13:19:47	63		0.5	8.28	5			
02/07/2017	13:21:47	54		0.2	8.25	5			

## Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl							
Slurry 0.7	N2	Mud	Maximum Rate 0.9	Total Slurry 17.3	Mud 0.0	Spacer 0.0	N2					
Treating Pressure Summary, psi					Breakdown Fluid							
Maximum 2778	Final -1	Average 286	Bump Plug to	Breakdown	Type	Volume bbl	Density lb/gal					
Avg. N2 Percent %	Designed Slurry Volume 0.0 bbl	Displacement 0.0 bbl	Mix Water Temp degF	Cement Circulated to Surface?		Volume bbl						
				Washed Thru Perfs		To ft						
Customer or Authorized Representative Eric Norton			Schlumberger Supervisor Richard White			Circulation Lost	Job Completed					
						-	-					



# Job Summary

Ticket Number	Ticket Date
TN# FL1430	2/8/2017

COUNTY	COMPANY	API Number
Weld	Anadarko Petroleum Corporation	05-123-33627
WELL NAME	RIG	JOB TYPE
Wethington 6-7	Ensign Drilling # 316	Stub Plug
SURFACE WELL LOCATION	O-TEX Field Supervisor	CUSTOMER REP
SENW 7 1N 66W	Laeger, Kacey	Traux Deal

EMPLOYEES
Russel, Nick
Kopp, Jeff

WELL PROFILE			
Max Treating Pressure (psi):		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)
Surface	8.625	36	J-55	0	904		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Production	4	20	P-110	720	1460		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Tubing	2.375			0	1460		

## CEMENT DATA

Stage 1:	From Depth (ft):	500	To Depth (ft):	1460
Type: Stub	Volume (sacks):	110	Volume (bbls):	26

Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.
100% Class C+0.3% CFL-3+0.3% CFR-2+0.4% CF-41P	14.8	1.33	6.32

## SUMMARY

Preflushes:	10 bbls of Fresh Water	Calculated Displacement (bbl):	Stage 1	Stage 2
		Actual Displacement (bbl)	2	
Total Preflush/Spacer Volume (bbl):	10	Plug Bump (Y/N):		
Total Slurry Volume (bbl):	26.5	Lost Returns (Y/N):	N	
Total Fluid Pumped	38.5	Bump Pressure (psi):		
Returns to Surface:	Cement			

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

Thank You For Using

O - TEX Pumping

Customer Representative Signature:

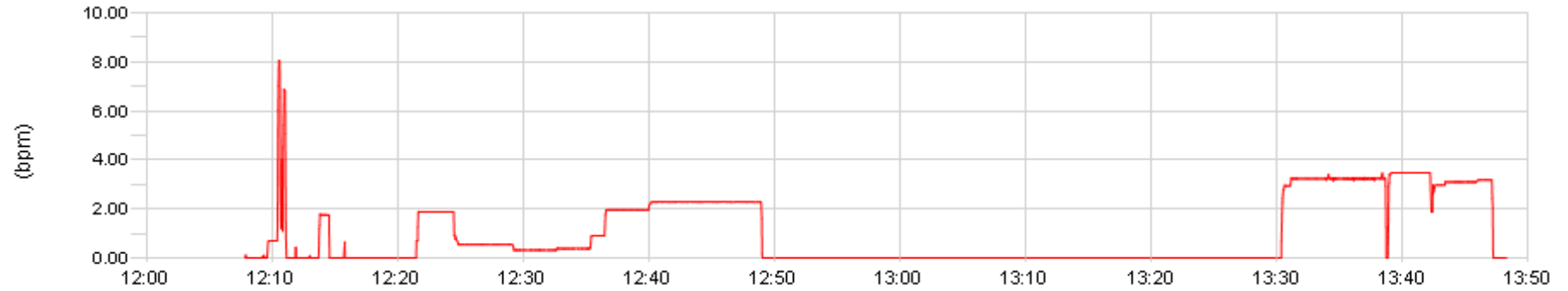
[illegible]

Client Anadarko Petroleum Co  
Ticket No. 1430  
Location  
Comments

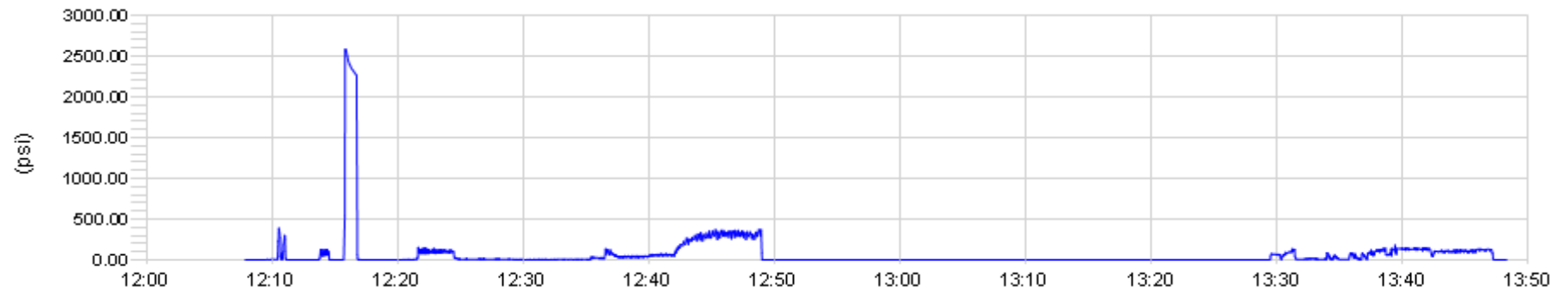
Client Rep MR. Taux Deal  
Well Name Wethington 6-7  
Job Type Abandonment Plugs

Supervisor Laeger, Kacey  
Unit No. 445051  
Service District Brighton  
Job Date 02/08/2017

Unit 445051 Rate Total



Unit 445051 Pump Pressure



Unit 445051 Density

