



# Job Summary

Ticket Number	Ticket Date
TN# FL1341	12/29/2016

COUNTY	COMPANY	API Number
Weld	Anadarko Petroleum Corporation	05-123-14595
WELL NAME	RIG	JOB TYPE
Ludwig 2-5 #2	Leed 721	P&A
SURFACE WELL LOCATION	O-TEX Field Supervisor	CUSTOMER REP
NWNW 5 3N 65W	Klosterman, Austin	Mr. Bill Smith

EMPLOYEES		
Klosterman, Austin	Heller, Brian	
Madsen, Dewayne		

<b>WELL PROFILE</b>			
Max Treating Pressure (psi):	2000	Bottom Hole Static Temperature (°F):	220
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)
Tubing	2.375	4.7	J-55	0	7031		
Production	4.5	11.6	P-110	0	7038		

### CEMENT DATA

<b>Stage 1:</b>	From Depth (ft):	6599	To Depth (ft):	7031
Type: <b>Plug 1</b>	Volume (sacks):	25	Volume (bbls):	6.7

Cement & Additives:	Density (ppg)	Yield (ft <sup>3</sup> /sk)	Water Req.
100% Thermal 35+0.3% CFR-2	15.8	1.52	6.24

### SUMMARY

Preflushes:	5 bbls of Fresh Water	Calculated Displacement (bbl):	25.5	Stage 1	Stage 2
		Actual Displacement (bbl)	25.5		
Total Preflush/Spacer Volume (bbl):	5	Plug Bump (Y/N):	N/A	Bump Pressure (psi):	N/A
Total Slurry Volume (bbl):	6.7	Lost Returns (Y/N):	N (if Y, when)		
Total Fluid Pumped	37.2				
Returns to Surface:					

Job Notes (fluids pumped / procedures / tools / etc.): Job went according to program and customer's request. Job went well.

Customer Representative Signature: \_\_\_\_\_ **Thank You For Using O - TEX Pumping**

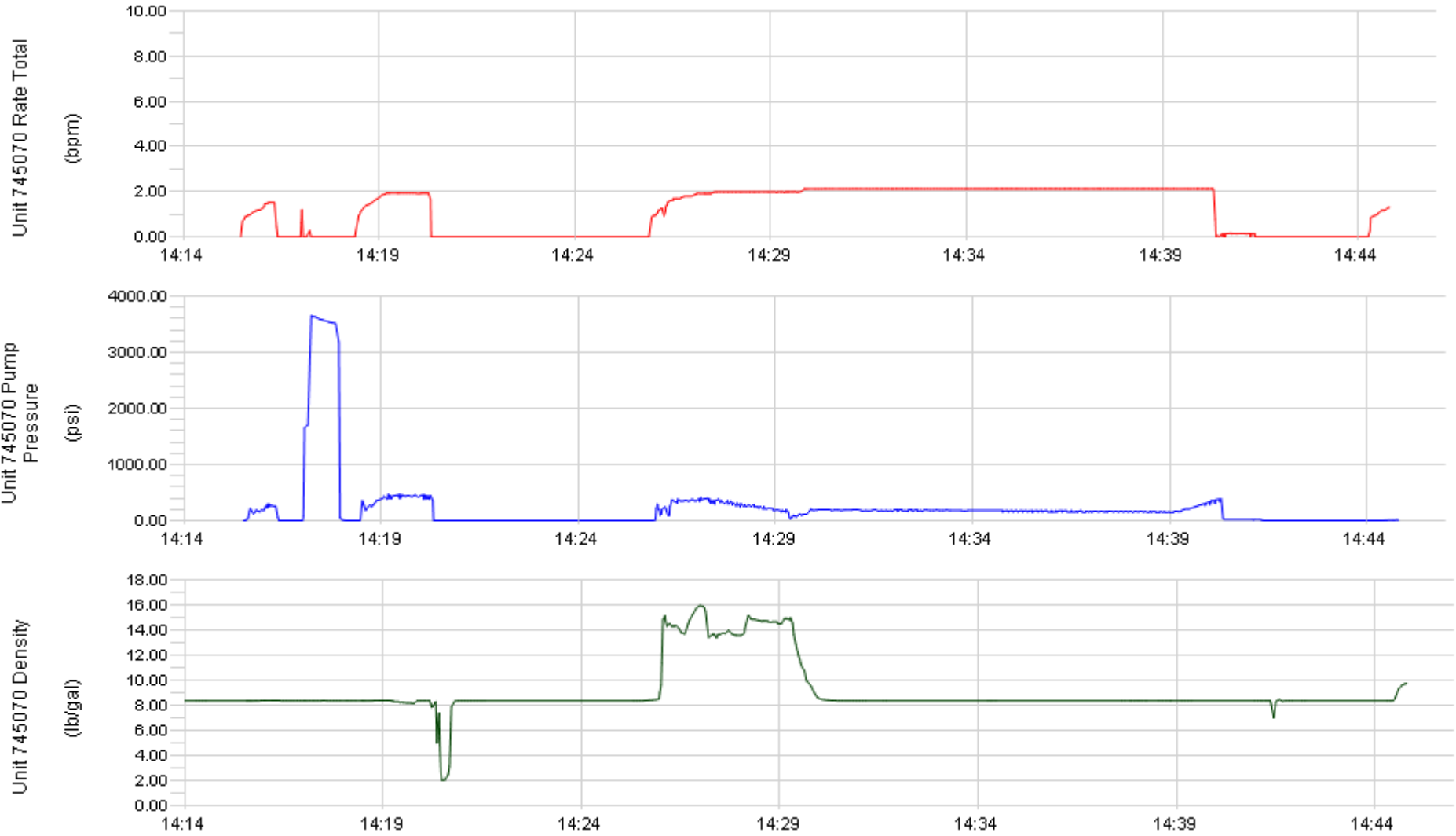


# O-Tex Pumping, LLC

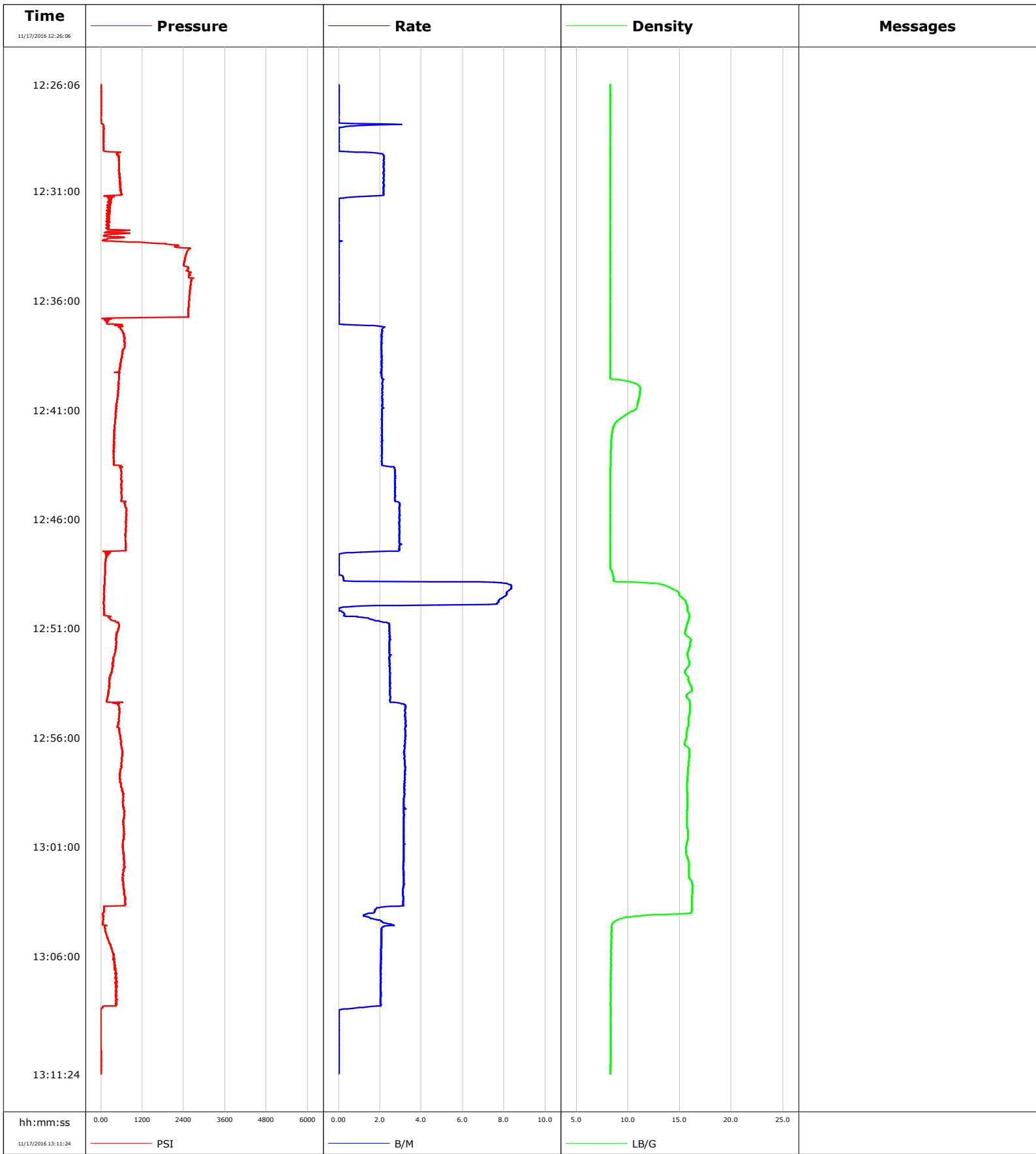
Client Anadarko  
Ticket No. 1341  
Location Sec5:T3N:R65W  
Comments Mix up 25sx @15.8ppg  
Displace to balance

Client Rep Edgar Chavez  
Well Name Ludwig 2-5#2  
Job Type Abandonment Plugs

Supervisor A. Klosterman  
Unit No. 745070  
Service District Brighton, CO  
Job Date 12/29/2016



<b>Well</b>	Lugwig 2-52	<b>Client</b>	Anadarko
<b>Field</b>	DJ	<b>SIR No.</b>	
<b>Engineer</b>	Robert Pippin	<b>Job Type</b>	Set Cement Plug P/W
<b>Country</b>	United States	<b>Job Date</b>	11-17-2016



				Customer		Job Number	
Well				Anadarko			
Lugwig 2-52				Location (legal)		Schlumberger Location	
Field				Deviation		Well MD	
DJ				deg		4690.0 ft	
Formation Name/Type				Bit Size		Well TVD	
				in		4690.0 ft	
County				BHP		Pore Press. Gradient	
Weld				psi		lb/gal	
State/Province				BHST		BHCT	
Colorado				degF		degF	
Well Master				API/UWI			
Rig Name				Drilled For		Service Via	
Leed 721				Oil		Land	
Offshore Zone				Well Class		Well Type	
				Old		Workover	
Drilling Fluid Type				Max. Density		Plastic Viscosity	
				lb/gal		cP	
Service Line				Job Type		Casing/Liner	
Cementing				Set Cement Plug P/W			
Max. Allowed Tub. Press				Max. Allowed Ann. Press		WH Connection	
psi				psi			
Service Instructions				T/D		Depth, ft	
333 sks 1.51ft3/sk 6.35 gps 88 bbls @ 15.8 ppg				T		4170.0	
EST TOC 3977 FT						0.0	
				Size, in		Weight, lb/ft	
				2.4		4.6	
				0.0		0.0	
Perforations/Open Hole				Grade		Thread	
Top, ft				Bottom, ft		shot/ft	
ft				ft			
No. of Shots				Total Interval			
				ft			
Diameter				Inch			
in							
Treat Down				Displacement		Packer Type	
				13.0 bbl			
Packer Depth				Tubing Vol.		Casing Vol.	
ft				16.0 bbl		bbl	
Annular Vol.				Openhole Vol.			
bbl				bbl			
Casing/Tubing Secured				1 Hole Vol. Circulated prior to Cement		Casing Tools	
<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>			
Squeeze Job				Shoe Type		Squeeze Type	
Lift Pressure				Pipe Reciprocated		Shoe Depth	
psi				<input type="checkbox"/>		ft	
Pipe Rotated				Stage Tool Type		Tool Type	
<input type="checkbox"/>							
No. Centralizers				Top Plugs		Bottom Plugs	
Cement Head Type				Stage Tool Depth		Tail Pipe Size	
				ft		in	
Job Scheduled For				Arrived on Location		Leave Location	
Jan/03/2017				Jan/03/2017		Jan/03/2017	
Collar Type				Collar Depth		Tail Pipe Depth	
				ft		ft	
Sqz. Total Vol.						bbl	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
11/17/2016	12:26:06	5	0.0	8.30	0.0	Start Job	
11/17/2016	12:26:36	5	0.0	8.31	0.0		
11/17/2016	12:27:06	5	0.0	8.30	0.0		
11/17/2016	12:27:36	5	0.0	8.30	0.0		
11/17/2016	12:28:06	82	0.0	8.30	0.2		
11/17/2016	12:28:36	78	0.0	8.29	0.2		
11/17/2016	12:29:06	73	0.0	8.29	0.2		
11/17/2016	12:29:36	545	2.2	8.29	1.1		
11/17/2016	12:30:06	522	2.2	8.29	2.2		
11/17/2016	12:30:36	563	2.2	8.28	3.2		
11/17/2016	12:31:06	595	2.2	8.28	4.3		
11/17/2016	12:31:36	252	0.0	8.28	4.6		
11/17/2016	12:32:06	256	0.0	8.28	4.6		
11/17/2016	12:32:36	183	0.0	8.28	4.6		
11/17/2016	12:33:06	673	0.0	8.28	4.6		
11/17/2016	12:33:36	2582	0.0	8.28	4.6		
11/17/2016	12:34:06	2435	0.0	8.28	4.6		
11/17/2016	12:34:36	2518	0.0	8.28	4.6		
11/17/2016	12:35:06	2614	0.0	8.28	4.6		
11/17/2016	12:35:36	2577	0.0	8.28	4.6		
11/17/2016	12:36:06	2554	0.0	8.28	4.6		

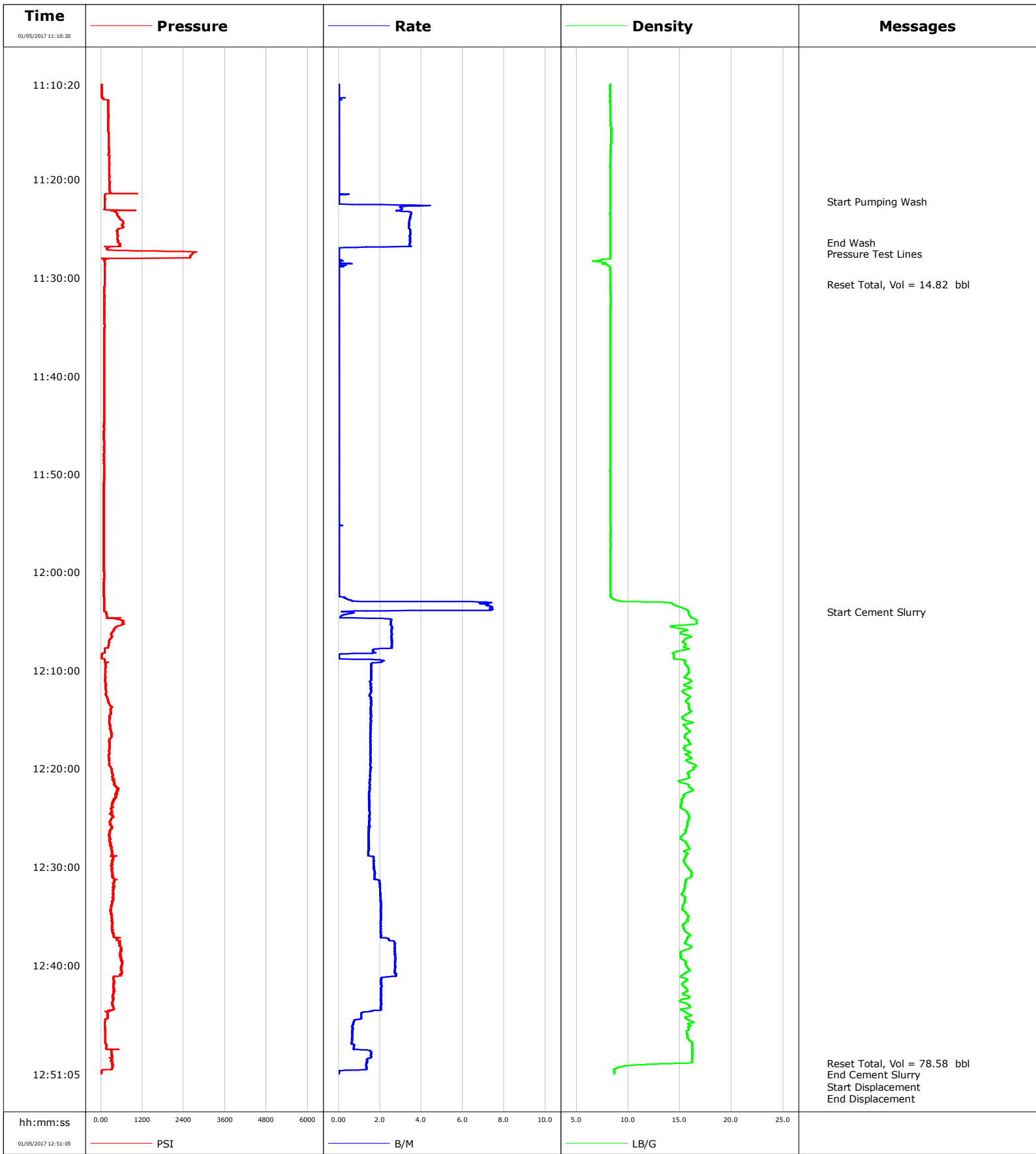
Well			Field		Job Start	Customer		Job Number
Lugwig 2-52			DJ		Jan/03/2017	Anadarko		
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
11/17/2016	12:37:06	604	0.2	8.28	4.6			
11/17/2016	12:37:36	673	2.1	8.28	5.6			
11/17/2016	12:38:06	696	2.1	8.28	6.7			
11/17/2016	12:38:36	618	2.1	8.28	7.7			
11/17/2016	12:39:06	545	2.1	8.28	8.8			
11/17/2016	12:39:36	526	2.2	8.57	9.8			
11/17/2016	12:40:06	513	2.1	11.18	10.9			
11/17/2016	12:40:36	462	2.1	10.99	11.9			
11/17/2016	12:41:06	453	2.1	10.24	13.0			
11/17/2016	12:41:36	403	2.1	8.80	14.0			
11/17/2016	12:42:36	371	2.1	8.36	16.2			
11/17/2016	12:43:06	385	2.1	8.33	17.2			
11/17/2016	12:43:36	618	2.5	8.31	18.3			
11/17/2016	12:44:06	595	2.7	8.30	19.6			
11/17/2016	12:44:36	595	2.7	8.29	21.0			
11/17/2016	12:45:06	595	2.7	8.28	22.3			
11/17/2016	12:45:36	751	3.0	8.28	23.8			
11/17/2016	12:46:06	728	2.9	8.28	25.3			
11/17/2016	12:46:36	719	2.9	8.28	26.7			
11/17/2016	12:47:06	719	3.0	8.28	28.2			
11/17/2016	12:47:36	137	0.0	8.28	29.4			
11/17/2016	12:48:06	124	0.0	8.28	29.4			
11/17/2016	12:48:36	119	0.2	8.57	29.4			
11/17/2016	12:49:06	96	8.4	13.91	29.5			
11/17/2016	12:49:36	87	7.9	15.26	29.5			
11/17/2016	12:50:06	82	0.0	15.74	29.5			
11/17/2016	12:50:36	284	1.6	15.87	29.7			
11/17/2016	12:51:06	494	2.5	15.55	30.9			
11/17/2016	12:51:36	458	2.5	16.05	32.1			
11/17/2016	12:52:06	403	2.5	15.78	33.3			
11/17/2016	12:52:36	362	2.5	15.95	34.6			
11/17/2016	12:53:06	307	2.5	15.58	35.8			
11/17/2016	12:53:36	252	2.5	16.04	37.1			
11/17/2016	12:54:06	197	2.5	15.65	38.3			
11/17/2016	12:54:36	536	3.2	15.98	39.7			
11/17/2016	12:55:06	526	3.2	15.82	41.3			
11/17/2016	12:55:36	536	3.2	15.72	42.9			
11/17/2016	12:56:06	572	3.2	15.59	44.5			
11/17/2016	12:56:36	627	3.2	15.95	46.1			
11/17/2016	12:57:06	609	3.2	15.86	47.7			
11/17/2016	12:57:36	568	3.2	15.78	49.3			
11/17/2016	12:58:06	563	3.2	15.69	50.9			
11/17/2016	12:58:36	645	3.2	15.76	52.5			
11/17/2016	12:59:06	650	3.2	15.73	54.1			
11/17/2016	12:59:36	682	3.2	15.70	55.7			
11/17/2016	13:00:06	655	3.2	15.68	57.3			
11/17/2016	13:00:36	673	3.2	15.79	58.8			
11/17/2016	13:01:06	641	3.2	15.59	60.4			
11/17/2016	13:01:36	677	3.1	15.81	62.0			
11/17/2016	13:02:06	673	3.1	15.90	63.5			
11/17/2016	13:02:36	650	3.2	16.17	65.1			
11/17/2016	13:03:06	677	3.1	16.23	66.7			
11/17/2016	13:03:36	705	3.1	16.17	68.2			
11/17/2016	13:04:06	55	1.3	13.43	69.3			

Well		Field		Job Start		Customer		Job Number	
Lugwig 2-52		DJ		Jan/03/2017		Anadarko			
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
11/17/2016	13:05:06	174	2.1	8.43	71.3				
11/17/2016	13:05:36	298	2.1	8.36	72.3				
11/17/2016	13:06:06	357	2.0	8.35	73.3				
11/17/2016	13:06:36	394	2.0	8.35	74.3				
11/17/2016	13:07:06	435	2.0	8.35	75.4				
11/17/2016	13:07:36	421	2.0	8.31	76.4				
11/17/2016	13:08:06	449	2.0	8.31	77.4				
11/17/2016	13:08:36	-14	0.0	8.32	77.9				
11/17/2016	13:09:06	-14	0.0	8.32	77.9				
11/17/2016	13:09:36	-5	0.0	8.31	77.9				
11/17/2016	13:10:06	-5	0.0	8.31	77.9				

### Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2	
2.7			8.4	88.0	0.0	17.0		
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density	
2696	0	594				bbl	lb/gal	
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	Cement Circulated to Surface?	Volume			
%	88.0 bbl	13.0 bbl	35 degF	<input type="checkbox"/>	bbl		To	ft
Customer or Authorized Representative		Schlumberger Supervisor			Washed Thru Perfs	Circulation Lost		Job Completed
Bill Smith		Robert Pippin			<input type="checkbox"/>	-		<input checked="" type="checkbox"/>

<b>Well</b>	Ludwig 2-52	<b>Client</b>	Anadarko
<b>Field</b>	DJ	<b>SIR No.</b>	DA6T-00279
<b>Engineer</b>		<b>Job Type</b>	Stub Plug
<b>Country</b>	United States	<b>Job Date</b>	01-05-2017



				Customer		Job Number			
				Anadarko		DA6T-00279			
Well		Location (legal)		Schlumberger Location		Job Start			
Ludwig 2-52						Jan/05/2017			
Field		Formation Name/Type		Deviation	Bit Size	Well MD	Well TVD		
DJ				deg	in	1354.0 ft	1354.0 ft		
County		State/Province		BHP	BHST	BHCT	Pore Press. Gradient		
Weld		Colorado		psi	90 degF	80 degF	lb/gal		
Well Master		API/UWI							
0631700758		512314595							
Rig Name	Drilled For	Service Via	Casing/Liner						
Leed 721	Oil and Gas	Land	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread		
Offshore Zone	Well Class	Well Type							
	Old	Other							
Drilling Fluid Type		Max. Density	Plastic Viscosity	Tubing/Drill Pipe					
		lb/gal	cP	T/D	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
Service Line		Job Type		T	1354.0	2.4	4.6	N/A	8RD
Cementing		Stub Plug			0.0	0.0	0.0		
Max. Allowed Tub. Press	Max. Allowed Ann. Press	WH Connection		Perforations/Open Hole					
psi	psi	2 3/8" 4.7# T/S		Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval	
<b>Service Instructions</b> Stub Plug/ cmt and water checked and verified estimated top of cmt @ 258 ft  15 bbl water 82 bbl cmt @ 15.8 ppg 1.16 yield 4.365 gal/sk 399 sks 1 bbl disp.				ft	ft			ft	
				ft	ft			Diameter	
				ft	ft			in	
Treat Down		Displacement		Packer Type		Packer Depth			
Tubing		bbl				ft			
Tubing Vol.		Casing Vol.		Annular Vol.		Openhole Vol.			
bbl		bbl		bbl		bbl			
Casing/Tubing Secured		1 Hole Vol. Circulated prior to Cement		Casing Tools			Squeeze Job		
<input type="checkbox"/>		<input type="checkbox"/>							
Lift Pressure		psi		Shoe Type		Squeeze Type			
Pipe Rotated		Pipe Reciprocated		Shoe Depth		ft		Tool Type	
<input type="checkbox"/>		<input type="checkbox"/>							
No. Centralizers		Top Plugs	Bottom Plugs	Stage Tool Type			Tool Depth		
							ft		
Cement Head Type				Stage Tool Depth			Tail Pipe Size		
				ft			in		
Job Scheduled For		Arrived on Location		Leave Location		Collar Type		Tail Pipe Depth	
Jan/05/2017		Jan/05/2017		Jan/05/2017				ft	
						Collar Depth		Sqz. Total Vol.	
						ft		bbl	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
01/05/2017	11:10:20	27	0.0	8.26	0.0	Started Acquisition			
01/05/2017	11:10:50	27	0.0	8.25	0.0				
01/05/2017	11:11:20	32	0.0	8.25	0.0				
01/05/2017	11:11:50	55	0.0	8.26	0.0				
01/05/2017	11:12:20	201	0.0	8.26	0.0				
01/05/2017	11:12:50	211	0.0	8.26	0.0				
01/05/2017	11:13:20	211	0.0	8.26	0.0				
01/05/2017	11:13:50	211	0.0	8.31	0.0				
01/05/2017	11:14:20	211	0.0	8.31	0.0				
01/05/2017	11:14:50	220	0.0	8.39	0.0				
01/05/2017	11:15:20	220	0.0	8.38	0.0				
01/05/2017	11:15:50	224	0.0	8.35	0.0				
01/05/2017	11:16:20	229	0.0	8.36	0.0				
01/05/2017	11:16:50	229	0.0	8.33	0.0				
01/05/2017	11:17:20	233	0.0	8.33	0.0				
01/05/2017	11:17:50	233	0.0	8.27	0.0				
01/05/2017	11:18:20	238	0.0	8.27	0.0				
01/05/2017	11:18:50	238	0.0	8.27	0.0				
01/05/2017	11:19:20	243	0.0	8.27	0.0				
01/05/2017	11:19:50	243	0.0	8.27	0.0				
01/05/2017	11:20:20	261	0.0	8.28	0.0				

Well		Field		Job Start		Customer		Job Number	
Ludwig 2-52		DJ		Jan/05/2017		Anadarko		DA6T-00279	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
01/05/2017	11:21:20	279	0.0	8.28	0.0				
01/05/2017	11:21:50	105	0.0	8.27	0.0				
01/05/2017	11:22:13	114	0.0	8.26	0.0	Start Pumping Wash			
01/05/2017	11:22:20	110	0.0	8.27	0.0				
01/05/2017	11:22:50	110	3.0	8.26	0.9				
01/05/2017	11:23:20	421	3.5	8.27	2.4				
01/05/2017	11:23:50	531	3.5	8.26	4.2				
01/05/2017	11:24:20	641	3.4	8.27	5.9				
01/05/2017	11:24:50	650	3.4	8.28	7.6				
01/05/2017	11:25:20	467	3.5	8.28	9.3				
01/05/2017	11:25:50	494	3.5	8.27	11.1				
01/05/2017	11:26:20	494	3.4	8.27	12.8				
01/05/2017	11:26:26	499	3.5	8.27	13.1	End Wash			
01/05/2017	11:26:50	568	3.5	8.28	14.5				
01/05/2017	11:27:20	1987	0.0	8.28	14.8				
01/05/2017	11:27:33	2664	0.0	8.28	14.8	Pressure Test Lines			
01/05/2017	11:27:50	2586	0.0	8.28	14.8				
01/05/2017	11:28:20	110	0.0	6.62	14.8				
01/05/2017	11:28:50	105	0.0	8.15	14.8				
01/05/2017	11:29:20	101	0.0	8.26	14.8				
01/05/2017	11:29:50	105	0.0	8.28	14.8				
01/05/2017	11:30:20	105	0.0	8.29	14.8				
01/05/2017	11:30:41	105	0.0	8.30	14.8	Reset Total, Vol = 14.82 bbl			
01/05/2017	11:30:50	105	0.0	8.30	14.8				
01/05/2017	11:31:20	101	0.0	8.31	14.8				
01/05/2017	11:31:50	101	0.0	8.31	14.8				
01/05/2017	11:32:20	96	0.0	8.31	14.8				
01/05/2017	11:32:50	96	0.0	8.30	14.8				
01/05/2017	11:33:20	96	0.0	8.30	14.8				
01/05/2017	11:33:50	96	0.0	8.29	14.8				
01/05/2017	11:34:20	96	0.0	8.29	14.8				
01/05/2017	11:34:50	101	0.0	8.29	14.8				
01/05/2017	11:35:20	101	0.0	8.29	14.8				
01/05/2017	11:35:50	92	0.0	8.29	14.8				
01/05/2017	11:36:20	92	0.0	8.29	14.8				
01/05/2017	11:36:50	92	0.0	8.30	14.8				
01/05/2017	11:37:20	96	0.0	8.28	14.8				
01/05/2017	11:37:50	87	0.0	8.29	14.8				
01/05/2017	11:38:20	87	0.0	8.28	14.8				
01/05/2017	11:38:50	87	0.0	8.29	14.8				
01/05/2017	11:39:20	92	0.0	8.28	14.8				
01/05/2017	11:39:50	92	0.0	8.28	14.8				
01/05/2017	11:40:20	87	0.0	8.28	14.8				
01/05/2017	11:40:50	92	0.0	8.28	14.8				
01/05/2017	11:41:20	92	0.0	8.28	14.8				
01/05/2017	11:41:50	96	0.0	8.29	14.8				
01/05/2017	11:42:20	96	0.0	8.28	14.8				
01/05/2017	11:42:50	101	0.0	8.28	14.8				
01/05/2017	11:43:20	92	0.0	8.28	14.8				
01/05/2017	11:43:50	87	0.0	8.28	14.8				
01/05/2017	11:44:20	87	0.0	8.29	14.8				
01/05/2017	11:44:50	87	0.0	8.28	14.8				
01/05/2017	11:45:20	87	0.0	8.28	14.8				
01/05/2017	11:45:50	82	0.0	8.27	14.8				

Well		Field		Job Start		Customer		Job Number	
Ludwig 2-52		DJ		Jan/05/2017		Anadarko		DA6T-00279	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
01/05/2017	11:47:20	87	0.0	8.28	14.8				
01/05/2017	11:47:50	87	0.0	8.28	14.8				
01/05/2017	11:48:20	87	0.0	8.28	14.8				
01/05/2017	11:48:50	87	0.0	8.27	14.8				
01/05/2017	11:49:20	87	0.0	8.27	14.8				
01/05/2017	11:49:50	87	0.0	8.26	14.8				
01/05/2017	11:50:20	87	0.0	8.27	14.8				
01/05/2017	11:50:50	87	0.0	8.28	14.8				
01/05/2017	11:51:20	78	0.0	8.27	14.8				
01/05/2017	11:51:50	82	0.0	8.28	14.8				
01/05/2017	11:52:20	82	0.0	8.27	14.8				
01/05/2017	11:52:50	82	0.0	8.28	14.8				
01/05/2017	11:53:20	78	0.0	8.28	14.8				
01/05/2017	11:53:50	82	0.0	8.28	14.8				
01/05/2017	11:54:20	82	0.0	8.29	14.8				
01/05/2017	11:54:50	82	0.0	8.28	14.8				
01/05/2017	11:55:20	82	0.0	8.33	14.8				
01/05/2017	11:55:50	82	0.0	8.31	14.8				
01/05/2017	11:56:20	82	0.0	8.30	14.8				
01/05/2017	11:56:50	78	0.0	8.29	14.8				
01/05/2017	11:57:20	82	0.0	8.31	14.8				
01/05/2017	11:57:50	82	0.0	8.29	14.8				
01/05/2017	11:58:20	82	0.0	8.29	14.8				
01/05/2017	11:58:50	78	0.0	8.29	14.8				
01/05/2017	11:59:20	82	0.0	8.28	14.8				
01/05/2017	11:59:50	82	0.0	8.28	14.8				
01/05/2017	12:00:20	92	0.0	8.28	14.8				
01/05/2017	12:00:50	87	0.0	8.28	14.8				
01/05/2017	12:01:20	82	0.0	8.27	14.8				
01/05/2017	12:01:50	78	0.0	8.28	14.8				
01/05/2017	12:02:20	78	0.0	8.31	14.8				
01/05/2017	12:02:50	92	0.5	8.77	14.8				
01/05/2017	12:03:20	96	7.1	14.44	14.8				
01/05/2017	12:03:50	92	7.3	15.66	14.8				
01/05/2017	12:04:04	146	0.4	15.82	14.8	Start Cement Slurry			
01/05/2017	12:04:20	156	0.3	15.90	15.0				
01/05/2017	12:04:50	558	2.5	16.58	15.4				
01/05/2017	12:05:20	604	2.5	16.24	16.6				
01/05/2017	12:05:50	371	2.6	15.52	17.9				
01/05/2017	12:06:20	298	2.6	15.30	19.2				
01/05/2017	12:06:50	256	2.6	15.49	20.5				
01/05/2017	12:07:20	220	2.6	15.53	21.8				
01/05/2017	12:07:50	105	1.8	15.85	23.0				
01/05/2017	12:08:20	32	0.2	14.36	23.8				
01/05/2017	12:08:50	18	0.0	14.39	23.8				
01/05/2017	12:09:20	133	1.6	15.51	24.7				
01/05/2017	12:09:50	128	1.6	15.83	25.5				
01/05/2017	12:10:20	128	1.6	15.77	26.3				
01/05/2017	12:10:50	128	1.6	15.70	27.0				
01/05/2017	12:11:20	146	1.6	15.74	27.8				
01/05/2017	12:11:50	137	1.5	16.09	28.6				
01/05/2017	12:12:20	142	1.5	15.46	29.4				
01/05/2017	12:12:50	192	1.6	15.86	30.1				
01/05/2017	12:13:20	220	1.6	15.78	30.9				

Well			Field		Job Start	Customer	Job Number
Ludwig 2-52			DJ		Jan/05/2017	Anadarko	DA6T-00279
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
01/05/2017	12:14:20	284	1.5	15.88	32.5		
01/05/2017	12:14:50	261	1.5	15.21	33.2		
01/05/2017	12:15:20	238	1.6	16.26	34.0		
01/05/2017	12:16:20	279	1.5	15.84	35.6		
01/05/2017	12:16:50	288	1.5	15.46	36.3		
01/05/2017	12:17:20	261	1.5	15.90	37.1		
01/05/2017	12:17:50	247	1.5	15.49	37.9		
01/05/2017	12:18:20	252	1.5	16.00	38.6		
01/05/2017	12:18:50	229	1.5	15.97	39.4		
01/05/2017	12:19:20	238	1.6	15.88	40.2		
01/05/2017	12:19:50	284	1.5	16.44	40.9		
01/05/2017	12:20:20	330	1.5	15.87	41.7		
01/05/2017	12:20:50	348	1.5	15.87	42.5		
01/05/2017	12:21:20	380	1.5	14.91	43.2		
01/05/2017	12:21:50	407	1.5	15.87	44.0		
01/05/2017	12:22:20	471	1.5	16.01	44.7		
01/05/2017	12:22:50	435	1.5	15.40	45.5		
01/05/2017	12:23:20	352	1.5	15.19	46.2		
01/05/2017	12:23:50	316	1.5	15.10	47.0		
01/05/2017	12:24:20	339	1.5	15.60	47.7		
01/05/2017	12:24:50	366	1.5	15.88	48.4		
01/05/2017	12:25:20	266	1.5	15.78	49.2		
01/05/2017	12:25:50	302	1.5	15.69	49.9		
01/05/2017	12:26:20	256	1.5	15.53	50.7		
01/05/2017	12:26:50	224	1.4	15.23	51.4		
01/05/2017	12:27:20	243	1.5	15.33	52.1		
01/05/2017	12:27:50	256	1.5	15.74	52.8		
01/05/2017	12:28:20	325	1.4	15.56	53.6		
01/05/2017	12:28:50	307	1.4	15.59	54.3		
01/05/2017	12:29:20	330	1.7	15.37	55.1		
01/05/2017	12:29:50	330	1.7	15.62	56.0		
01/05/2017	12:30:20	311	1.7	15.95	56.8		
01/05/2017	12:30:50	352	1.7	16.12	57.7		
01/05/2017	12:31:20	407	1.9	15.58	58.6		
01/05/2017	12:31:50	380	2.0	15.47	59.6		
01/05/2017	12:32:20	366	2.0	15.40	60.6		
01/05/2017	12:32:50	362	2.0	15.16	61.6		
01/05/2017	12:33:20	348	2.1	15.46	62.6		
01/05/2017	12:33:50	302	2.0	15.35	63.6		
01/05/2017	12:34:20	279	2.0	15.23	64.6		
01/05/2017	12:34:50	307	2.0	15.65	65.6		
01/05/2017	12:35:20	325	2.0	15.72	66.7		
01/05/2017	12:35:50	330	2.0	15.38	67.7		
01/05/2017	12:36:20	325	2.0	15.39	68.7		
01/05/2017	12:36:50	380	2.0	15.84	69.7		
01/05/2017	12:37:20	462	2.4	15.71	70.7		
01/05/2017	12:37:50	563	2.7	15.54	72.0		
01/05/2017	12:38:20	595	2.7	15.92	73.4		
01/05/2017	12:38:50	568	2.7	15.06	74.8		
01/05/2017	12:39:20	591	2.8	15.09	76.1		
01/05/2017	12:39:50	618	2.7	15.55	77.5		
01/05/2017	12:40:20	586	2.7	15.78	78.9		
01/05/2017	12:40:50	581	2.8	15.50	80.2		
01/05/2017	12:41:20	357	2.0	15.46	81.5		

Well		Field		Job Start		Customer		Job Number	
Ludwig 2-52		DJ		Jan/05/2017		Anadarko		DA6T-00279	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
01/05/2017	12:42:20	348	2.0	15.57	83.6				
01/05/2017	12:42:50	362	2.0	15.43	84.6				
01/05/2017	12:43:20	375	2.0	15.89	85.6				
01/05/2017	12:43:50	320	2.1	15.39	86.6				
01/05/2017	12:44:20	362	2.0	15.97	87.6				
01/05/2017	12:44:50	192	1.1	15.59	88.5				
01/05/2017	12:45:20	192	1.1	15.53	89.1				
01/05/2017	12:45:50	114	0.7	16.33	89.5				
01/05/2017	12:46:20	114	0.6	15.78	89.9				
01/05/2017	12:46:50	124	0.7	15.64	90.2				
01/05/2017	12:47:20	124	0.7	15.73	90.5				
01/05/2017	12:47:50	124	0.6	16.16	90.9				
01/05/2017	12:48:20	146	0.7	16.19	91.2				
01/05/2017	12:48:50	316	1.6	16.20	91.7				
01/05/2017	12:49:20	316	1.6	16.19	92.5				
01/05/2017	12:49:50	307	1.4	16.17	93.2				
01/05/2017	12:49:57	334	1.4	16.15	93.4	Reset Total, Vol = 78.58 bbl			
01/05/2017	12:50:14	339	1.3	10.05	93.8	End Cement Slurry			
01/05/2017	12:50:17	325	1.3	9.65	93.8	Start Displacement			
01/05/2017	12:50:20	334	1.3	9.36	93.9				
01/05/2017	12:50:44	23	0.2	8.67	94.4	End Displacement			

### Post Job Summary

Average Pump Rates, bbl/min				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
1.9			7.5	82.0	0.0	0.0	
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density
2487	18	237				bbl	lb/gal
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	Cement Circulated to Surface?	Volume		
%	0.0 bbl	1.0 bbl	degF	<input type="checkbox"/>	bbl		
Customer or Authorized Representative				Schlumberger Supervisor		Washed Thru Perfs	To
Bill Smith						<input type="checkbox"/>	ft
				Circulation Lost		<input type="checkbox"/>	Job Completed
						-	<input type="checkbox"/>