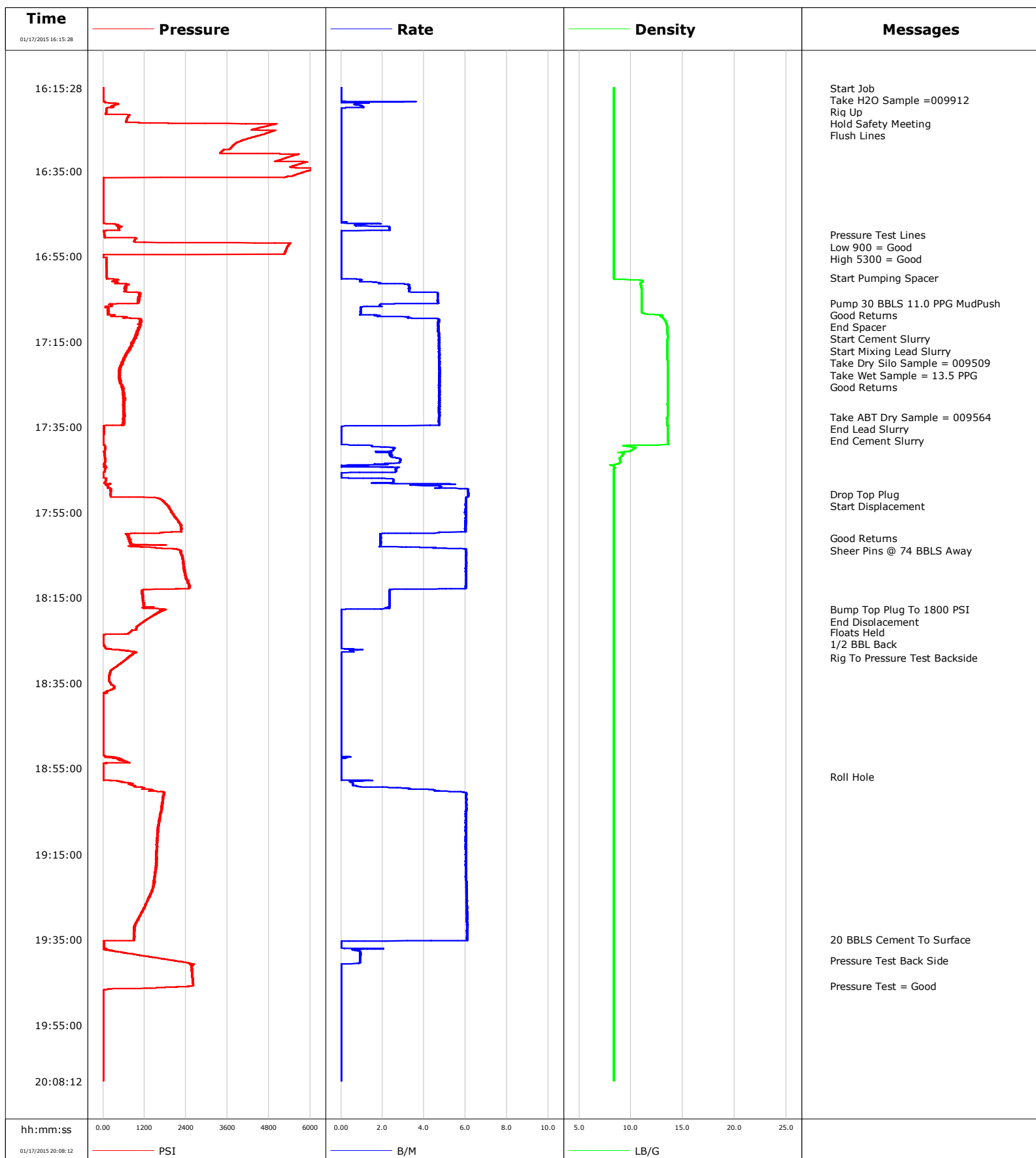


Well GP_Jevans 2-19-19
Field Wattenberg
Engineer Conley Jensen/ Lyle Hartsfield
Country United States

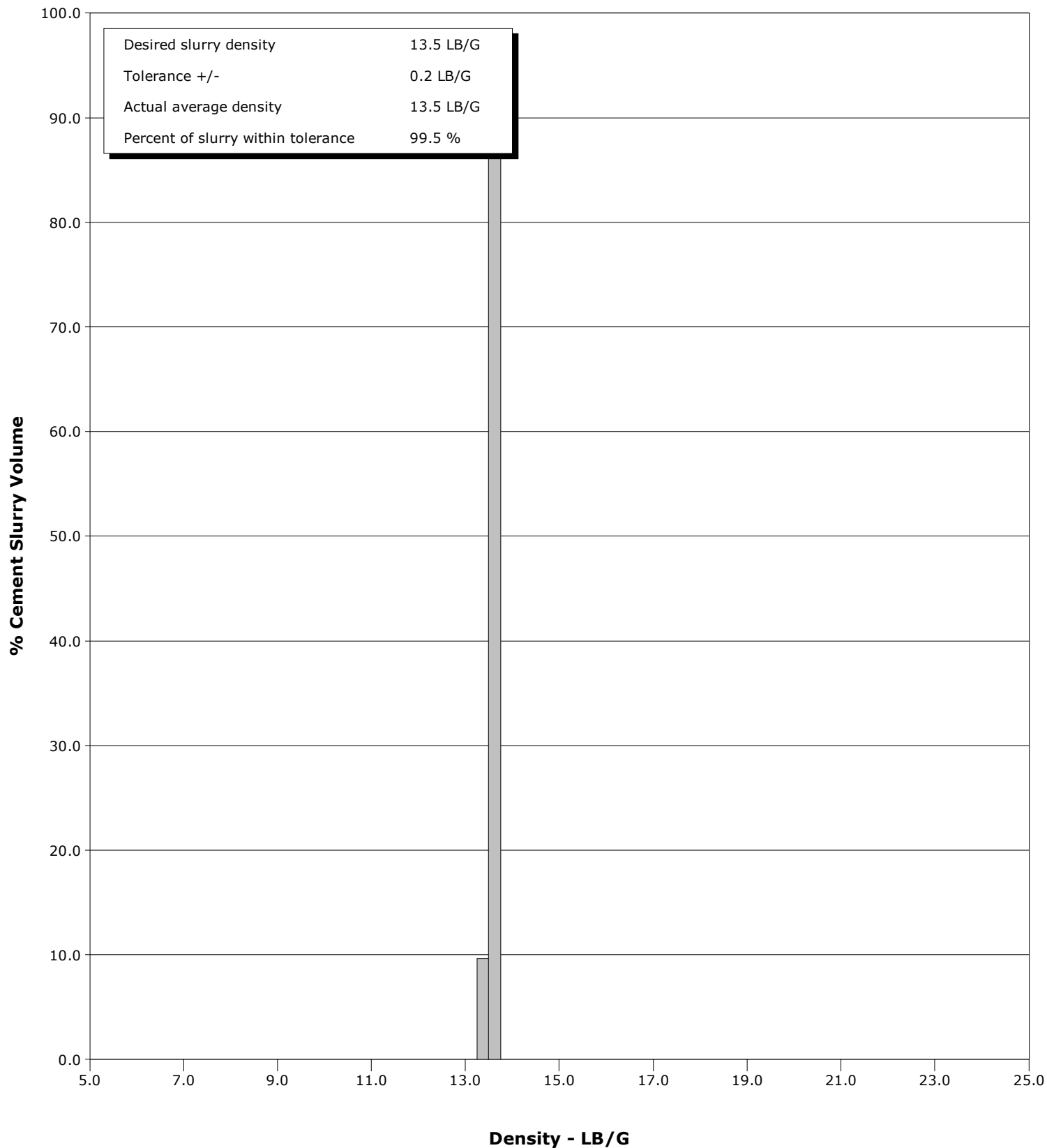
Client Extraction Oil
SIR No. 2086013
Job Type 4.5 Liner
Job Date 01-17-2015



Well GP_Jevans 2-19-19
Field Wattenberg
Engineer Conley Jensen/ Lyle Hartsfield
Country United States

Client Extraction Oil
SIR No. 2086013
Job Type 4.5 Liner
Job Date 01-17-2015

Cement Slurry - 01/17/2015 17:10:00 to 01/17/2015 17:34:00



Cementing Service Report

				Customer Extraction Oil			Job Number 2086013				
Well GP_Jevans 2-19-19 2-19-19			Location (legal) CWY			Schlumberger Location CWY			Job Start Jan/17/2015		
Field Wattenberg		Formation Name/Type Shale		Deviation deg		Bit Size 6.1 in		Well MD 13250.0 ft		Well TVD 6911.0 ft	
County Weld		State/Province Colorado		BHP psi		BHST 204 degF		BHCT 204 degF		Pore Press. Gradient lb/gal	
Well Master 0631590108		API/UWI									
Rig Name H&P 319		Drilled For Oil		Service Via Land		Casing/Liner					
						Depth, ft		Size, in		Weight, lb/ft	
						Grade		Thread			
Offshore Zone		Well Class New		Well Type Development		8910.0		7.0		26.0	
						4548.0		4.5		13.5	
						P110		8RD			
Drilling Fluid Type		Max. Density lb/gal		Plastic Viscosity cP		Tubing/Drill Pipe					
						T/D		Depth, ft		Size, in	
						Weight, lb/ft		Grade		Thread	
Service Line Cementing		Job Type 4.5 Liner				D		8529.0		4.0	
								0.0		0.0	
								0.0		0.0	
Max. Allowed Tub. Press psi		Max. Allowed Ann. Press psi		WH Connection		Perforations/Open Hole					
						Top, ft		Bottom, ft		shot/ft	
						No. of Shots		Total Interval			
						ft		ft		ft	
						ft		ft		ft	
						ft		ft		ft	
						Treat Down Casing		Displacement 147.0 bbl		Packer Type	
						Packer Depth ft					
						Tubing Vol. bbl		Casing Vol. 68.0 bbl		Annular Vol. bbl	
						Openhole Vol. bbl					
Casing/Tubing Secured <input checked="" type="checkbox"/>		1 Hole Vol. Circulated prior to Cement <input checked="" type="checkbox"/>		Casing Tools				Squeeze Job			
Lift Pressure psi		Shoe Type Guide		Squeeze Type							
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth 13078.0 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 Jan/17/2015 04:00		Arrived on Location Jan/17/2015 04:00		Leave Location Jan/17/2015 21:00		Collar Type Float				Tail Pipe Depth ft	
						Collar Depth 13072.0 ft				Sqz. Total Vol. bbl	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message					
01/17/2015	16:15:28	3	0.0	8.35	0.0	Started Acquisition					
01/17/2015	16:15:29	3	0.0	8.35	0.0	Start Job					
01/17/2015	16:15:36	3	0.0	8.35	0.0	Take H2O Sample =009912					
01/17/2015	16:15:37	4	0.0	8.35	0.0	Flush Lines					
01/17/2015	16:16:58	1	0.0	8.35	0.0						
01/17/2015	16:18:28	0	0.0	8.35	0.0						
01/17/2015	16:19:58	305	1.1	8.35	1.3						
01/17/2015	16:21:28	86	0.0	8.35	1.6						
01/17/2015	16:22:58	684	0.0	8.35	1.6						
01/17/2015	16:24:28	4762	0.0	8.35	1.6						
01/17/2015	16:25:58	4810	0.0	8.35	1.6						
01/17/2015	16:27:28	4185	0.0	8.35	1.6						
01/17/2015	16:28:58	3779	0.0	8.34	1.6						
01/17/2015	16:30:28	3438	0.0	8.34	1.6						
01/17/2015	16:31:58	5283	0.0	8.35	1.6						
01/17/2015	16:33:28	5656	0.0	8.35	1.6						
01/17/2015	16:34:58	5947	0.0	8.35	1.6						
01/17/2015	16:36:28	5268	0.0	8.34	1.6						
01/17/2015	16:37:58	9	0.0	8.35	1.6						
01/17/2015	16:39:28	7	0.0	8.35	1.6						
01/17/2015	16:40:58	6	0.0	8.35	1.6						

Well GP_Jevans 2-19-19 2-19-19			Field Wattenberg		Job Start Jan/17/2015		Customer Extraction Oil		Job Number 2086013	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
01/17/2015	16:43:58	3	0.0	8.34	1.6					
01/17/2015	16:45:28	3	0.0	8.34	1.6					
01/17/2015	16:46:58	5	0.2	8.34	1.6					
01/17/2015	16:48:28	449	2.3	8.34	3.4					
01/17/2015	16:49:58	41	0.0	8.35	4.7					
01/17/2015	16:50:00	42	0.0	8.34	4.7	Pressure Test Lines				
01/17/2015	16:51:00	931	0.0	8.35	4.7	High 5300 = Good				
01/17/2015	16:51:28	903	0.0	8.35	4.7					
01/17/2015	16:52:58	5325	0.0	8.35	4.7					
01/17/2015	16:54:28	5253	0.0	8.35	4.7					
01/17/2015	16:55:58	94	0.0	8.35	4.7					
01/17/2015	16:57:28	100	0.0	8.35	4.7					
01/17/2015	16:58:58	109	0.0	8.35	4.7					
01/17/2015	17:00:00	114	0.0	8.35	4.7	Start Pumping Spacer				
01/17/2015	17:00:28	390	1.0	9.84	0.1					
01/17/2015	17:01:58	646	3.3	10.97	3.0					
01/17/2015	17:03:28	999	4.6	11.03	8.0					
01/17/2015	17:04:58	1025	4.7	11.02	15.0					
01/17/2015	17:05:57	1025	4.7	11.03	19.6	Pump 30 BBLS 11.0 PPG MudPush				
01/17/2015	17:06:28	254	1.9	11.02	21.1					
01/17/2015	17:07:58	165	0.9	11.03	22.8					
01/17/2015	17:08:00	144	0.9	11.02	22.9	End Spacer				
01/17/2015	17:09:28	617	3.3	13.08	0.7					
01/17/2015	17:10:00	1099	4.7	13.28	3.0	Start Cement Slurry				
01/17/2015	17:10:58	1041	4.7	13.45	7.6					
01/17/2015	17:12:28	997	4.7	13.52	14.6					
01/17/2015	17:13:58	941	4.7	13.54	21.7					
01/17/2015	17:15:28	846	4.7	13.50	28.7					
01/17/2015	17:16:58	735	4.7	13.51	35.8					
01/17/2015	17:18:28	659	4.7	13.52	42.9					
01/17/2015	17:19:58	566	4.7	13.53	50.0					
01/17/2015	17:20:00	541	4.7	13.53	50.2	Take Dry Silo Sample = 009509				
01/17/2015	17:20:28	540	4.7	13.53	52.4	Take Wet Sample = 13.5 PPG				
01/17/2015	17:20:38	522	4.7	13.53	53.2	Good Returns				
01/17/2015	17:21:28	501	4.8	13.53	57.1					
01/17/2015	17:22:58	486	4.7	13.53	64.3					
01/17/2015	17:24:28	528	4.8	13.54	71.4					
01/17/2015	17:25:58	550	4.8	13.56	78.5					
01/17/2015	17:27:28	587	4.7	13.56	85.6					
01/17/2015	17:28:58	580	4.7	13.56	92.7					
01/17/2015	17:30:28	578	4.7	13.55	99.8					
01/17/2015	17:31:58	585	4.7	13.55	106.9					
01/17/2015	17:32:36	607	4.7	13.55	109.9	Take ABT Dry Sample = 009564				
01/17/2015	17:33:28	575	4.7	13.51	114.0					
01/17/2015	17:34:00	587	4.7	13.51	116.5	End Lead Slurry				
01/17/2015	17:34:58	18	0.0	13.57	0.0					
01/17/2015	17:36:28	15	0.0	13.56	0.0					
01/17/2015	17:37:58	3	0.0	13.56	0.0					
01/17/2015	17:39:28	57	1.5	9.34	0.3					
01/17/2015	17:40:58	51	2.2	8.77	3.7					
01/17/2015	17:42:28	58	2.8	8.91	7.4					
01/17/2015	17:43:58	62	0.0	8.15	11.2					
01/17/2015	17:45:28	51	2.6	8.34	14.2					
01/17/2015	17:46:58	83	0.4	8.34	0.0					

Well GP_Jevans 2-19-19 2-19-19			Field Wattenberg		Job Start Jan/17/2015		Customer Extraction Oil		Job Number 2086013	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
01/17/2015	17:49:58	223	6.1	8.35	11.4					
01/17/2015	17:50:44	219	6.1	8.35	16.1	Drop Top Plug				
01/17/2015	17:51:28	1170	6.0	8.35	20.6					
01/17/2015	17:52:58	1805	6.0	8.35	29.6					
01/17/2015	17:54:28	1954	6.0	8.35	38.7					
01/17/2015	17:55:58	2077	6.0	8.35	47.7					
01/17/2015	17:57:28	2218	6.0	8.35	56.7					
01/17/2015	17:58:58	2280	6.0	8.35	65.7					
01/17/2015	18:00:28	734	1.9	8.35	72.0					
01/17/2015	18:01:06	763	1.9	8.35	73.2	Good Returns				
01/17/2015	18:01:58	796	1.9	8.35	74.8					
01/17/2015	18:02:47	911	1.9	8.35	76.4	Sheer Pins @ 74 BBLS Away				
01/17/2015	18:03:28	1871	5.6	8.35	78.6					
01/17/2015	18:04:58	2272	6.0	8.35	87.6					
01/17/2015	18:06:28	2325	6.0	8.35	96.6					
01/17/2015	18:07:58	2344	6.0	8.35	105.7					
01/17/2015	18:09:28	2374	6.0	8.35	114.7					
01/17/2015	18:10:58	2438	6.0	8.35	123.7					
01/17/2015	18:12:28	2477	6.0	8.35	132.8					
01/17/2015	18:13:58	1138	2.3	8.35	138.1					
01/17/2015	18:15:28	1180	2.3	8.35	141.6					
01/17/2015	18:16:58	1180	2.3	8.35	145.1					
01/17/2015	18:17:43	1800	0.1	8.35	146.7	Bump Top Plug To 1800 PSI				
01/17/2015	18:18:28	1640	0.0	8.35	146.7					
01/17/2015	18:19:58	1305	0.0	8.36	146.7					
01/17/2015	18:21:28	1028	0.0	8.36	146.7					
01/17/2015	18:22:58	795	0.0	8.36	146.7					
01/17/2015	18:23:00	789	0.0	8.36	146.7	Floats Held				
01/17/2015	18:24:28	4	0.0	8.36	146.7					
01/17/2015	18:25:58	18	0.0	8.36	146.7					
01/17/2015	18:27:28	678	0.5	8.36	147.0					
01/17/2015	18:28:58	751	0.0	8.36	147.1					
01/17/2015	18:29:00	724	0.0	8.36	147.1	Rig To Pressure Test Backside				
01/17/2015	18:30:28	497	0.0	8.36	147.1					
01/17/2015	18:31:58	237	0.0	8.36	147.1					
01/17/2015	18:33:28	182	0.0	8.36	0.0					
01/17/2015	18:34:58	211	0.0	8.36	0.0					
01/17/2015	18:36:28	268	0.0	8.36	0.0					
01/17/2015	18:37:58	6	0.0	8.36	0.0					
01/17/2015	18:39:28	5	0.0	8.36	0.0					
01/17/2015	18:40:58	5	0.0	8.36	0.0					
01/17/2015	18:42:28	5	0.0	8.36	0.0					
01/17/2015	18:43:58	5	0.0	8.36	0.0					
01/17/2015	18:45:28	5	0.0	8.36	0.0					
01/17/2015	18:46:58	5	0.0	8.36	0.0					
01/17/2015	18:48:28	5	0.0	8.36	0.0					
01/17/2015	18:49:58	6	0.0	8.36	0.0					
01/17/2015	18:51:28	5	0.0	8.36	0.0					
01/17/2015	18:52:58	496	0.0	8.36	0.1					
01/17/2015	18:54:28	6	0.0	8.36	0.1					
01/17/2015	18:55:58	5	0.0	8.36	0.1					
01/17/2015	18:57:00	5	0.0	8.36	0.1	Roll Hole				
01/17/2015	18:57:28	6	0.0	8.36	0.1					
01/17/2015	18:58:58	857	0.6	8.36	0.9					

Well GP_Jevans 2-19-19 2-19-19			Field Wattenberg		Job Start Jan/17/2015	Customer Extraction Oil		Job Number 2086013
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
01/17/2015	19:01:58	1744	6.0	8.37	14.4			
01/17/2015	19:03:28	1705	6.0	8.37	23.5			
01/17/2015	19:04:58	1687	6.1	8.37	32.6			
01/17/2015	19:06:28	1649	6.0	8.37	41.6			
01/17/2015	19:07:58	1622	6.0	8.37	50.6			
01/17/2015	19:09:28	1585	6.0	8.37	59.6			
01/17/2015	19:10:58	1575	6.0	8.37	68.7			
01/17/2015	19:12:28	1580	6.0	8.37	77.7			
01/17/2015	19:15:28	1540	6.0	8.37	95.8			
01/17/2015	19:16:58	1544	6.0	8.37	104.8			
01/17/2015	19:18:28	1538	6.0	8.37	113.8			
01/17/2015	19:19:58	1506	6.0	8.37	122.9			
01/17/2015	19:21:28	1467	6.0	8.37	131.9			
01/17/2015	19:22:58	1439	6.0	8.37	141.0			
01/17/2015	19:24:28	1392	6.1	8.37	150.1			
01/17/2015	19:25:58	1286	6.1	8.37	159.1			
01/17/2015	19:27:28	1189	6.1	8.37	168.2			
01/17/2015	19:28:58	1113	6.1	8.37	177.3			
01/17/2015	19:30:28	1027	6.1	8.37	186.5			
01/17/2015	19:31:58	940	6.1	8.37	195.6			
01/17/2015	19:33:28	910	6.1	8.37	204.7			
01/17/2015	19:34:58	897	6.1	8.37	213.8			
01/17/2015	19:35:00	896	6.1	8.37	214.0	20 BBLS Cement To Surface		
01/17/2015	19:36:28	19	0.0	8.37	216.4			
01/17/2015	19:37:58	461	0.9	8.37	217.1			
01/17/2015	19:39:28	1622	0.9	8.36	218.5			
01/17/2015	19:40:00	2035	0.9	8.36	219.0	Pressure Test Back Side		
01/17/2015	19:40:58	2578	0.0	8.37	219.7			
01/17/2015	19:42:28	2572	0.0	8.37	219.7			
01/17/2015	19:43:58	2585	0.0	8.37	219.7			
01/17/2015	19:45:28	2601	0.0	8.37	219.7			
01/17/2015	19:46:00	2448	0.0	8.37	219.7	Pressure Test = Good		
01/17/2015	19:46:58	15	0.0	8.37	219.7			
01/17/2015	19:48:28	7	0.0	8.37	219.7			
01/17/2015	19:49:58	7	0.0	8.37	219.7			
01/17/2015	19:51:28	7	0.0	8.37	219.7			
01/17/2015	19:52:58	6	0.0	8.37	219.7			
01/17/2015	19:54:28	5	0.0	8.37	219.7			
01/17/2015	19:55:58	5	0.0	8.37	219.7			
01/17/2015	19:57:28	5	0.0	8.37	219.7			
01/17/2015	19:58:58	4	0.0	8.36	219.7			
01/17/2015	20:00:28	5	0.0	8.37	219.7			
01/17/2015	20:01:58	4	0.0	8.36	219.7			
01/17/2015	20:03:28	5	0.0	8.36	219.7			
01/17/2015	20:04:58	5	0.0	8.36	219.7			
01/17/2015	20:06:28	4	0.0	8.36	219.7			

Well GP_Jevans 2-19-19 2-19-19	Field Wattenberg	Job Start Jan/17/2015	Customer Extraction Oil	Job Number 2086013
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Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl					
Slurry 4.5	N2		Mud	Maximum Rate 6.2	Total Slurry 98.0	Mud 0.0		Spacer 30.0	N2	
Treating Pressure Summary, psi					Breakdown Fluid					
Maximum 6237	Final 5	Average 1014	Bump Plug to 1800	Breakdown	Type		Volume bbl		Density lb/gal	
Avg. N2 Percent %		Designed Slurry Volume 98.0 bbl		Displacement 140.0 bbl		Mix Water Temp 75 degF		Cement Circulated to Surface? <input checked="" type="checkbox"/>		Volume 20.0 bbl
								Washed Thru Perfs <input type="checkbox"/>		To ft
Customer or Authorized Representative Shawn McIntire				Schlumberger Supervisor Conley Jensen/ Lyle Hartsfield				Circulation Lost <input type="checkbox"/>		Job Completed <input checked="" type="checkbox"/>
								-		-



Service Order #:	
Date:	Jan/17/2015
Operating Time (hh:mm):	00:00
Client Rep:	Shawn McIntire
Schlumberger Engineer:	Conley Jensen/ Lyle Hartsfield
Schlumberger FSM:	

To be completed by Company Rep. Please answer Y (Yes) or N (No) and add any comments below.

2	Design / Preparation						
2a	Program incl. job simulation (CemCADE) & pump schedule / tool hydraulic calcs	3	yes	<input type="checkbox"/>	no	<input checked="" type="checkbox"/>	0
2b	Equipment maintenance schedule completed / Green tagged	2	yes	<input type="checkbox"/>	no	<input checked="" type="checkbox"/>	0
2c	All materials and equipment required for job/contingency checked & on location	2	yes	<input type="checkbox"/>	no	<input checked="" type="checkbox"/>	0
2d	Safety / pre-job meeting conducted with all involved present	2	yes	<input type="checkbox"/>	no	<input checked="" type="checkbox"/>	0
Sub-total							0%

4	Evaluation				
4a	Main job objective achieved with no consequential non-productive time	10	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
Sub-total					0%

Comments: (Please include a brief explanation for a "NO" response and summarize any innovations attempted on this well.)

Client:	Schlumberger:
Client Signature:	Schlumberger Signature: