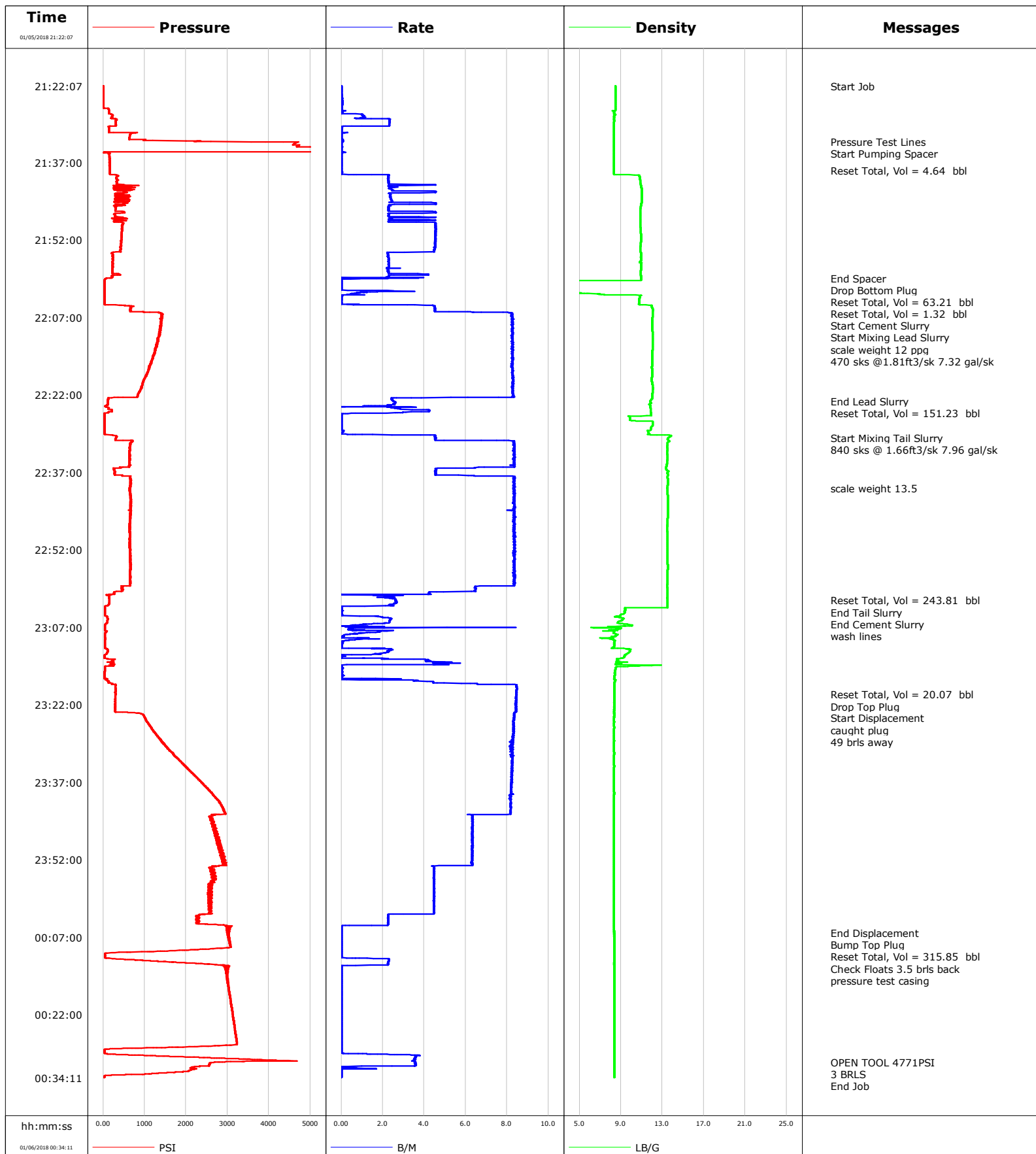


**Well** PAPA JO2-25 29N3 8NZ  
**Field** WATTENBURG  
**Engineer** NORM HASLAUER  
**Country** United States

**Client** ANADARKO  
**SIR No.** 2647588  
**Job Type** PRODUCTION  
**Job Date** 01-05-2018



# Cementing Service Report

				Customer ANADARKO				Job Number 2647588			
Well PAPA JO2-25 29N3 8NZ			Location (legal)			Schlumberger Location			Job Start Jan/05/2018		
Field WATTENBURG		Formation Name/Type Clean-Sandstone		Deviation deg		Bit Size in		Well MD 13590.0 ft		Well TVD 7712.0 ft	
County WELD		State/Province Colorado		BHP psi		BHST 230 degF		BHCT 219 degF		Pore Press. Gradient lb/gal	
Well Master 06317366746		API/UWI									
Rig Name P564		Drilled For Oil & Gas		Service Via Land		Casing/ Liner					
						Depth, ft		Size, in		Weight, lb/ft	
										Grade	
										Thread	
Offshore Zone		Well Class New		Well Type Development		1877.0		9.6		36.0	
						13578.0		5.5		17.0	
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 PRODUCTION									
Max. Allowed Tub. Press psi		Max. Allowed Ann. Press psi		WH Connection Double Cement head		Perforations/Open Hole					
						Top, ft		Bottom, ft		shot/ft	
										No. of Shots	
										Total Interval ft	
										Diameter in	
						Treat Down Casing		Displacement 315.5 bbl		Packer Type	
										Packer Depth ft	
						Tubing Vol. bbl		Casing Vol. 315.9 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 2350 psi						Shoe Type Float				Squeeze Type	
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>				Shoe Depth 13578.0 ft				Tool Type	
No. Centralizers		Top Plugs 1		Bottom Plugs 1		Stage Tool Type				Tool Depth ft	
Cement Head Type						Stage Tool Depth ft				Tail Pipe Size in	
Job Scheduled For Jan/05/2018		Arrived on Location Jan/05/2018		Leave Location Jan/05/2018		Collar Type Float				Tail Pipe Depth ft	
						Collar Depth 13575.0 ft				Sqz. Total Vol. bbl	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message					
01/05/2018	21:22:07	6	0.0	8.46	0.0	Started Acquisition					
01/05/2018	21:22:11	6	0.0	8.47	0.0	Start Job					
01/05/2018	21:22:37	6	0.0	8.47	0.0						
01/05/2018	21:23:07	6	0.0	8.47	0.0						
01/05/2018	21:23:37	6	0.0	8.47	0.0						
01/05/2018	21:24:07	6	0.0	8.47	0.0						
01/05/2018	21:24:37	5	0.1	8.47	0.0						
01/05/2018	21:25:07	6	0.1	8.46	0.1						
01/05/2018	21:25:37	6	0.1	8.46	0.1						
01/05/2018	21:26:07	7	0.0	8.46	0.1						
01/05/2018	21:26:37	130	0.0	8.46	0.1						
01/05/2018	21:27:07	133	0.0	8.35	0.0						
01/05/2018	21:27:37	194	1.0	8.36	0.1						
01/05/2018	21:28:07	215	1.1	8.33	0.6						
01/05/2018	21:28:37	314	2.3	8.35	1.2						
01/05/2018	21:29:07	306	2.3	8.35	2.4						
01/05/2018	21:29:37	310	2.3	8.35	3.6						
01/05/2018	21:30:07	134	0.0	8.34	4.3						
01/05/2018	21:30:37	137	0.0	8.35	4.3						
01/05/2018	21:31:07	137	0.0	8.35	4.3						
01/05/2018	21:31:37	647	0.0	8.35	4.4						

Well			Field	Job Start		Customer	Job Number
PAPA JO2-25 29N3 8NZ			WATTENBURG	Jan/05/2018		ANADARKO	2647588
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
01/05/2018	21:32:37	998	0.0	8.35	4.4		
01/05/2018	21:32:55	2200	0.0	8.35	4.4	Pressure Test Lines	
01/05/2018	21:33:07	4658	0.0	8.35	4.4		
01/05/2018	21:33:20	4611	0.0	8.35	4.4	Start Pumping Spacer	
01/05/2018	21:33:37	4728	0.0	8.35	4.4		
01/05/2018	21:34:07	5969	0.0	8.35	4.4		
01/05/2018	21:34:37	5919	0.0	8.35	4.4		
01/05/2018	21:35:07	22	0.0	8.35	4.4		
01/05/2018	21:35:37	154	0.0	8.35	4.5		
01/05/2018	21:36:07	156	0.0	8.35	4.5		
01/05/2018	21:36:37	156	0.0	8.35	4.5		
01/05/2018	21:37:07	155	0.0	8.35	4.5		
01/05/2018	21:37:37	157	0.0	8.35	4.5		
01/05/2018	21:38:07	157	0.0	8.35	4.5		
01/05/2018	21:38:32	157	0.0	8.35	4.5	Reset Total, Vol = 4.64 bbl	
01/05/2018	21:38:37	156	0.0	8.35	4.5		
01/05/2018	21:39:07	157	0.0	8.35	4.5		
01/05/2018	21:39:37	342	2.3	10.78	5.2		
01/05/2018	21:40:07	327	2.3	10.82	6.3		
01/05/2018	21:40:37	323	2.3	10.85	7.4		
01/05/2018	21:41:07	324	2.3	10.90	8.6		
01/05/2018	21:41:37	439	2.3	10.95	10.1		
01/05/2018	21:42:07	470	2.4	11.00	11.3		
01/05/2018	21:42:37	496	4.5	11.01	12.8		
01/05/2018	21:43:07	350	2.4	11.01	14.5		
01/05/2018	21:43:37	462	2.3	11.01	15.7		
01/05/2018	21:44:07	328	2.4	11.01	16.9		
01/05/2018	21:44:37	606	2.5	11.01	18.1		
01/05/2018	21:45:07	322	2.6	10.95	20.1		
01/05/2018	21:45:37	298	2.3	10.91	21.3		
01/05/2018	21:46:07	294	2.3	10.88	22.4		
01/05/2018	21:46:37	512	4.6	10.87	24.0		
01/05/2018	21:47:07	286	2.3	10.88	25.6		
01/05/2018	21:47:37	498	4.5	10.88	26.9		
01/05/2018	21:48:07	431	4.5	10.88	28.3		
01/05/2018	21:48:37	477	4.5	10.87	29.9		
01/05/2018	21:49:07	465	4.6	10.87	32.1		
01/05/2018	21:49:37	461	4.5	10.89	34.4		
01/05/2018	21:50:07	459	4.6	10.91	36.7		
01/05/2018	21:50:37	453	4.5	10.93	39.0		
01/05/2018	21:51:07	446	4.6	10.94	41.2		
01/05/2018	21:51:37	439	4.5	10.95	43.5		
01/05/2018	21:52:07	432	4.5	10.94	45.8		
01/05/2018	21:52:37	431	4.5	10.93	48.0		
01/05/2018	21:53:07	427	4.5	10.89	50.3		
01/05/2018	21:53:37	422	4.5	10.86	52.6		
01/05/2018	21:54:07	410	4.5	10.87	54.8		
01/05/2018	21:54:37	214	2.2	10.96	56.5		
01/05/2018	21:55:07	226	2.3	10.94	57.6		
01/05/2018	21:55:37	228	2.3	10.95	58.7		
01/05/2018	21:56:07	226	2.3	10.88	59.9		
01/05/2018	21:56:37	232	2.3	10.96	61.0		
01/05/2018	21:57:07	227	2.3	10.95	62.1		
01/05/2018	21:57:37	224	2.2	10.95	63.3		

Well			Field	Job Start		Customer	Job Number	
PAPA JO2-25 29N3 8NZ			WATTENBURG		Jan/05/2018		ANADARKO	2647588
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
01/05/2018	21:58:37	389	4.2	10.93	65.7			
01/05/2018	21:59:07	224	2.2	10.93	67.2			
01/05/2018	21:59:19	206	0.7	10.94	67.6	End Spacer		
01/05/2018	21:59:21	161	3.0	10.94	67.7	Drop Bottom Plug		
01/05/2018	21:59:22	76	0.0	10.94	67.7	Reset Total, Vol = 63.21 bbl		
01/05/2018	21:59:37	39	0.0	10.94	67.8			
01/05/2018	22:00:07	33	0.0	0.26	67.8			
01/05/2018	22:00:37	32	0.0	0.27	67.8			
01/05/2018	22:01:07	32	0.0	0.36	67.8			
01/05/2018	22:01:37	31	0.0	1.05	67.8			
01/05/2018	22:02:37	32	0.6	9.08	68.9			
01/05/2018	22:03:07	31	0.0	10.80	69.0			
01/05/2018	22:03:37	32	0.0	10.78	69.0			
01/05/2018	22:04:07	32	0.0	10.76	69.0			
01/05/2018	22:04:31	63	2.3	10.88	69.0	Reset Total, Vol = 1.32 bbl		
01/05/2018	22:04:35	401	4.1	11.78	69.2	Start Cement Slurry		
01/05/2018	22:04:37	416	4.4	11.92	69.3			
01/05/2018	22:04:46	717	4.5	11.97	70.0	Start Mixing Lead Slurry		
01/05/2018	22:05:00	681	4.5	11.99	71.1	scale weight 12 ppg		
01/05/2018	22:05:07	674	4.5	12.02	71.6			
01/05/2018	22:05:37	645	4.5	12.11	73.8			
01/05/2018	22:06:07	1401	8.2	12.06	76.7			
01/05/2018	22:06:37	1426	8.2	12.04	80.9			
01/05/2018	22:07:07	1426	8.3	12.03	85.0			
01/05/2018	22:07:37	1411	8.2	12.02	89.1			
01/05/2018	22:08:07	1404	8.3	12.02	93.2			
01/05/2018	22:08:37	1402	8.2	12.02	97.4			
01/05/2018	22:09:07	1388	8.3	12.03	101.5			
01/05/2018	22:09:37	1390	8.3	12.03	105.6			
01/05/2018	22:10:07	1364	8.3	12.04	109.7			
01/05/2018	22:10:37	1363	8.2	12.05	113.9			
01/05/2018	22:11:07	1313	8.3	12.05	118.0			
01/05/2018	22:11:37	1310	8.2	12.05	122.1			
01/05/2018	22:12:07	1287	8.2	12.04	126.3			
01/05/2018	22:12:37	1280	8.2	12.05	130.4			
01/05/2018	22:13:07	1256	8.3	12.05	134.5			
01/05/2018	22:13:37	1249	8.2	12.03	138.6			
01/05/2018	22:14:07	1237	8.2	12.02	142.8			
01/05/2018	22:14:37	1204	8.3	12.01	146.9			
01/05/2018	22:15:07	1195	8.2	12.01	151.0			
01/05/2018	22:15:37	1168	8.3	12.01	155.2			
01/05/2018	22:16:07	1132	8.2	12.00	159.3			
01/05/2018	22:16:37	1122	8.2	11.99	163.3			
01/05/2018	22:17:07	1092	8.3	11.99	167.5			
01/05/2018	22:17:37	1080	8.2	11.99	171.7			
01/05/2018	22:18:07	1047	8.3	12.00	175.8			
01/05/2018	22:18:37	1018	8.3	11.98	179.9			
01/05/2018	22:19:07	979	8.3	11.97	184.1			
01/05/2018	22:19:37	961	8.3	12.00	188.2			
01/05/2018	22:20:07	938	8.2	12.05	192.4			
01/05/2018	22:20:37	921	8.2	12.08	196.5			
01/05/2018	22:21:07	892	8.3	12.07	200.6			
01/05/2018	22:21:37	865	8.3	12.05	204.8			
01/05/2018	22:22:07	826	8.3	12.01	208.9			

Well			Field	Job Start		Customer	Job Number	
PAPA JO2-25 29N3 8NZ			WATTENBURG		Jan/05/2018		ANADARKO	2647588
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
01/05/2018	22:23:07	117	2.5	11.84	213.6			
01/05/2018	22:23:15	116	2.6	11.81	213.9	End Lead Slurry		
01/05/2018	22:23:37	116	2.6	11.90	214.9			
01/05/2018	22:24:07	50	1.1	11.82	216.1			
01/05/2018	22:24:18	65	0.0	11.82	216.2	Reset Total, Vol = 151.23 bbl		
01/05/2018	22:24:37	130	2.7	11.86	217.0			
01/05/2018	22:25:07	221	4.2	11.88	218.8			
01/05/2018	22:25:37	37	0.1	11.90	220.2			
01/05/2018	22:26:07	33	0.0	9.76	220.2			
01/05/2018	22:26:37	33	0.0	9.84	220.2			
01/05/2018	22:27:07	33	0.0	12.05	220.2			
01/05/2018	22:27:37	33	0.0	12.04	220.2			
01/05/2018	22:28:07	33	0.0	11.95	220.2			
01/05/2018	22:28:37	34	0.0	11.89	220.2			
01/05/2018	22:29:07	34	0.1	11.62	220.3			
01/05/2018	22:29:37	43	0.3	11.70	220.3			
01/05/2018	22:30:07	315	4.5	13.69	222.2			
01/05/2018	22:30:16	314	4.5	13.61	222.8	Start Mixing Tail Slurry		
01/05/2018	22:30:37	295	4.5	13.52	224.4			
01/05/2018	22:31:00	696	8.3	13.65	226.9	840 sks @ 1.66ft3/sk 7.96 gal/sk		
01/05/2018	22:31:07	698	8.3	13.60	227.9			
01/05/2018	22:31:37	657	8.3	13.48	232.0			
01/05/2018	22:32:07	632	8.3	13.46	236.2			
01/05/2018	22:32:37	646	8.3	13.49	240.4			
01/05/2018	22:33:07	631	8.3	13.46	244.6			
01/05/2018	22:33:37	630	8.3	13.47	248.7			
01/05/2018	22:34:07	633	8.3	13.50	252.9			
01/05/2018	22:34:37	641	8.4	13.48	257.1			
01/05/2018	22:35:07	624	8.4	13.44	261.2			
01/05/2018	22:35:37	632	8.3	13.39	265.4			
01/05/2018	22:36:07	418	6.5	13.33	269.4			
01/05/2018	22:36:37	275	4.5	13.48	271.8			
01/05/2018	22:37:37	468	6.4	13.52	276.4			
01/05/2018	22:38:07	654	8.4	13.51	280.4			
01/05/2018	22:38:37	669	8.3	13.54	284.6			
01/05/2018	22:39:07	663	8.4	13.54	288.8			
01/05/2018	22:39:37	654	8.3	13.50	293.0			
01/05/2018	22:40:00	645	8.3	13.47	296.1	scale weight 13.5		
01/05/2018	22:40:07	663	8.3	13.47	297.1			
01/05/2018	22:40:37	646	8.4	13.48	301.3			
01/05/2018	22:41:07	645	8.3	13.50	305.5			
01/05/2018	22:41:37	665	8.3	13.53	309.6			
01/05/2018	22:42:07	665	8.4	13.55	313.8			
01/05/2018	22:42:37	659	8.3	13.56	318.0			
01/05/2018	22:43:07	673	8.3	13.56	322.1			
01/05/2018	22:43:37	666	8.4	13.55	326.3			
01/05/2018	22:44:07	654	8.3	13.55	330.5			
01/05/2018	22:44:37	667	8.4	13.54	334.6			
01/05/2018	22:45:07	659	8.3	13.54	338.8			
01/05/2018	22:45:37	647	8.4	13.52	343.0			
01/05/2018	22:46:07	651	8.3	13.51	347.2			
01/05/2018	22:46:37	651	8.3	13.49	351.3			
01/05/2018	22:47:07	633	8.4	13.47	355.5			
01/05/2018	22:47:37	636	8.4	13.47	359.7			

Well			Field	Job Start		Customer	Job Number
PAPA JO2-25 29N3 8NZ			WATTENBURG	Jan/05/2018		ANADARKO	2647588
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
01/05/2018	22:48:37	640	8.4	13.48	368.0		
01/05/2018	22:49:07	651	8.3	13.50	372.2		
01/05/2018	22:49:37	655	8.4	13.48	376.4		
01/05/2018	22:50:07	646	8.4	13.48	380.5		
01/05/2018	22:50:37	649	8.3	13.49	384.7		
01/05/2018	22:51:07	656	8.4	13.49	388.9		
01/05/2018	22:51:37	653	8.4	13.49	392.9		
01/05/2018	22:52:07	647	8.4	13.49	397.2		
01/05/2018	22:52:37	659	8.3	13.50	401.4		
01/05/2018	22:53:07	650	8.4	13.49	405.6		
01/05/2018	22:53:37	650	8.4	13.50	409.7		
01/05/2018	22:54:07	658	8.3	13.50	413.9		
01/05/2018	22:54:37	659	8.4	13.51	418.1		
01/05/2018	22:55:07	649	8.4	13.52	422.3		
01/05/2018	22:55:37	659	8.3	13.54	426.4		
01/05/2018	22:56:07	646	8.4	13.47	430.6		
01/05/2018	22:56:37	642	8.3	13.49	434.8		
01/05/2018	22:57:07	645	8.3	13.50	439.0		
01/05/2018	22:57:37	649	8.3	13.51	443.1		
01/05/2018	22:58:07	641	8.4	13.50	447.3		
01/05/2018	22:58:37	643	8.3	13.49	451.5		
01/05/2018	22:59:07	471	6.5	13.46	455.4		
01/05/2018	22:59:37	482	6.5	13.48	458.7		
01/05/2018	23:00:07	270	4.3	13.47	461.9		
01/05/2018	23:00:37	137	0.0	13.48	464.0		
01/05/2018	23:01:07	141	2.3	13.48	465.0		
01/05/2018	23:01:37	151	2.6	13.47	466.2		
01/05/2018	23:01:42	147	2.6	13.47	466.4	Reset Total, Vol = 243.81 bbl	
01/05/2018	23:02:07	148	2.7	13.48	467.5		
01/05/2018	23:02:10	151	2.6	13.48	467.6	End Tail Slurry	
01/05/2018	23:02:12	146	2.7	13.48	467.7	End Cement Slurry	
01/05/2018	23:02:37	132	2.4	13.49	468.8		
01/05/2018	23:02:58	40	0.0	13.50	469.4	wash lines	
01/05/2018	23:03:07	41	0.0	13.50	469.4		
01/05/2018	23:03:37	40	0.0	9.41	469.4		
01/05/2018	23:04:07	47	0.0	9.37	469.4		
01/05/2018	23:04:37	47	0.0	8.96	469.4		
01/05/2018	23:05:07	102	2.2	9.02	470.0		
01/05/2018	23:05:37	105	2.3	9.11	471.2		
01/05/2018	23:06:07	101	2.3	8.69	472.3		
01/05/2018	23:06:37	43	0.5	10.12	473.0		
01/05/2018	23:07:07	39	0.5	8.88	473.7		
01/05/2018	23:07:37	47	1.3	8.42	473.9		
01/05/2018	23:08:07	48	1.1	8.33	474.8		
01/05/2018	23:08:37	39	0.1	8.52	475.0		
01/05/2018	23:09:07	52	1.2	7.77	475.1		
01/05/2018	23:09:37	41	0.1	8.42	475.4		
01/05/2018	23:10:07	41	0.1	8.36	475.5		
01/05/2018	23:10:37	41	0.0	8.35	475.5		
01/05/2018	23:11:07	69	1.6	9.82	475.6		
01/05/2018	23:11:37	108	2.3	9.86	476.8		
01/05/2018	23:12:37	35	0.0	9.27	478.1		
01/05/2018	23:13:07	114	2.0	8.60	478.4		
01/05/2018	23:13:37	243	4.2	8.65	480.4		

Well			Field	Job Start		Customer		Job Number	
PAPA JO2-25 29N3 8NZ			WATTENBURG		Jan/05/2018		ANADARKO		2647588
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
01/05/2018	23:14:37	47	0.0	8.59	483.4				
01/05/2018	23:15:07	40	0.0	8.46	483.4				
01/05/2018	23:15:37	36	0.0	8.43	483.4				
01/05/2018	23:16:07	35	0.1	8.40	483.4				
01/05/2018	23:16:37	34	0.0	8.38	483.4				
01/05/2018	23:17:07	57	0.3	8.49	483.8				
01/05/2018	23:17:37	136	4.4	8.39	485.6				
01/05/2018	23:18:07	292	8.4	8.38	488.5				
01/05/2018	23:18:37	306	8.5	8.38	492.8				
01/05/2018	23:19:07	295	8.5	8.39	497.0				
01/05/2018	23:19:37	305	8.4	8.39	501.2				
01/05/2018	23:19:58	296	8.4	8.39	504.2	Reset Total, Vol = 20.07 bbl			
01/05/2018	23:20:02	300	8.4	8.39	504.7	Drop Top Plug			
01/05/2018	23:20:03	302	8.4	8.39	504.9	Start Displacement			
01/05/2018	23:20:07	294	8.4	8.39	505.4				
01/05/2018	23:20:37	300	8.4	8.35	509.7				
01/05/2018	23:21:07	297	8.4	8.35	513.9				
01/05/2018	23:21:37	288	8.4	8.35	518.1				
01/05/2018	23:22:07	298	8.4	8.35	522.3				
01/05/2018	23:22:37	286	8.4	8.35	526.5				
01/05/2018	23:23:07	296	8.4	8.35	530.7				
01/05/2018	23:23:35	839	8.3	8.35	534.6	caught plug			
01/05/2018	23:23:37	869	8.3	8.35	534.9				
01/05/2018	23:24:01	976	8.3	8.36	538.3	49 brls away			
01/05/2018	23:24:07	993	8.3	8.35	539.1				
01/05/2018	23:24:37	1025	8.3	8.35	543.2				
01/05/2018	23:25:07	1062	8.3	8.35	547.4				
01/05/2018	23:25:37	1104	8.3	8.35	551.6				
01/05/2018	23:26:07	1136	8.3	8.35	555.7				
01/05/2018	23:26:37	1187	8.3	8.35	559.7				
01/05/2018	23:27:07	1224	8.3	8.35	564.0				
01/05/2018	23:27:37	1273	8.3	8.35	568.2				
01/05/2018	23:28:07	1323	8.3	8.35	572.3				
01/05/2018	23:28:37	1378	8.3	8.35	576.5				
01/05/2018	23:29:07	1426	8.3	8.35	580.6				
01/05/2018	23:29:37	1467	8.3	8.35	584.7				
01/05/2018	23:30:07	1529	8.2	8.35	588.8				
01/05/2018	23:30:37	1569	8.2	8.35	592.9				
01/05/2018	23:31:07	1653	8.2	8.34	597.1				
01/05/2018	23:31:37	1690	8.2	8.35	601.2				
01/05/2018	23:32:07	1772	8.3	8.35	605.3				
01/05/2018	23:32:37	1834	8.2	8.35	609.4				
01/05/2018	23:33:07	1897	8.2	8.35	613.5				
01/05/2018	23:33:37	1960	8.2	8.34	617.7				
01/05/2018	23:34:07	2014	8.2	8.35	621.8				
01/05/2018	23:34:37	2085	8.2	8.34	625.9				
01/05/2018	23:35:07	2149	8.2	8.34	630.0				
01/05/2018	23:35:37	2198	8.2	8.34	634.1				
01/05/2018	23:36:07	2258	8.2	8.34	638.2				
01/05/2018	23:36:37	2323	8.2	8.34	642.3				
01/05/2018	23:37:07	2379	8.2	8.34	646.4				
01/05/2018	23:37:37	2439	8.2	8.34	650.5				
01/05/2018	23:38:07	2505	8.2	8.34	654.6				
01/05/2018	23:38:37	2576	8.2	8.34	658.7				

Well			Field	Job Start		Customer		Job Number	
PAPA JO2-25 29N3 8NZ			WATTENBURG		Jan/05/2018		ANADARKO		2647588
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
01/05/2018	23:39:37	2681	8.2	8.34	666.9				
01/05/2018	23:40:07	2733	8.2	8.34	671.0				
01/05/2018	23:40:37	2797	8.2	8.34	675.1				
01/05/2018	23:41:07	2838	8.2	8.34	679.2				
01/05/2018	23:41:37	2879	8.2	8.34	683.3				
01/05/2018	23:42:07	2887	8.2	8.34	687.4				
01/05/2018	23:42:37	2920	8.2	8.34	691.4				
01/05/2018	23:43:07	2948	8.1	8.34	695.5				
01/05/2018	23:43:37	2554	6.3	8.34	698.9				
01/05/2018	23:44:07	2580	6.3	8.34	702.0				
01/05/2018	23:44:37	2645	6.3	8.34	705.2				
01/05/2018	23:45:07	2659	6.3	8.34	708.4				
01/05/2018	23:45:37	2644	6.3	8.34	711.5				
01/05/2018	23:46:07	2659	6.3	8.34	714.7				
01/05/2018	23:46:37	2676	6.3	8.34	717.9				
01/05/2018	23:47:37	2732	6.3	8.34	724.2				
01/05/2018	23:48:07	2760	6.3	8.34	727.4				
01/05/2018	23:48:37	2740	6.3	8.34	730.5				
01/05/2018	23:49:07	2755	6.3	8.34	733.7				
01/05/2018	23:49:37	2796	6.3	8.34	736.8				
01/05/2018	23:50:07	2840	6.3	8.34	740.0				
01/05/2018	23:50:37	2809	6.3	8.34	743.2				
01/05/2018	23:51:07	2819	6.3	8.34	746.3				
01/05/2018	23:51:37	2849	6.3	8.34	749.5				
01/05/2018	23:52:07	2865	6.3	8.34	752.6				
01/05/2018	23:52:37	2927	6.3	8.34	755.8				
01/05/2018	23:53:07	2826	6.3	8.34	758.9				
01/05/2018	23:53:37	2598	4.5	8.34	761.2				
01/05/2018	23:54:07	2611	4.5	8.34	763.5				
01/05/2018	23:54:37	2671	4.5	8.34	765.7				
01/05/2018	23:55:07	2673	4.5	8.34	767.9				
01/05/2018	23:55:37	2727	4.5	8.34	770.2				
01/05/2018	23:56:07	2611	4.5	8.34	772.4				
01/05/2018	23:56:37	2562	4.5	8.34	774.7				
01/05/2018	23:57:07	2579	4.5	8.34	776.9				
01/05/2018	23:57:37	2576	4.5	8.34	779.1				
01/05/2018	23:58:07	2631	4.5	8.35	781.4				
01/05/2018	23:58:37	2603	4.5	8.35	783.6				
01/05/2018	23:59:07	2564	4.5	8.34	785.8				
01/05/2018	23:59:37	2606	4.5	8.35	788.1				
01/06/2018	00:00:07	2599	4.5	8.35	790.3				
01/06/2018	00:00:37	2613	4.5	8.35	792.6				
01/06/2018	00:01:07	2614	4.5	8.35	794.8				
01/06/2018	00:01:37	2577	4.5	8.35	797.0				
01/06/2018	00:02:07	2590	4.5	8.35	799.3				
01/06/2018	00:02:37	2370	2.3	8.35	801.3				
01/06/2018	00:03:07	2277	2.3	8.35	802.4				
01/06/2018	00:03:37	2281	2.3	8.35	803.5				
01/06/2018	00:04:07	2251	2.3	8.35	804.7				
01/06/2018	00:04:37	2907	2.2	8.35	805.8				
01/06/2018	00:05:07	2976	0.0	8.35	806.0				
01/06/2018	00:05:37	3022	0.0	8.35	806.0				
01/06/2018	00:06:07	3010	0.0	8.35	806.0				
01/06/2018	00:06:11	3045	0.0	8.35	806.0	End Displacement			



Well			Field	Job Start		Customer	Job Number
PAPA JO2-25 29N3 8NZ			WATTENBURG	Jan/05/2018		ANADARKO	2647588
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
01/06/2018	00:06:23	3030	0.0	8.35	806.0	Reset Total, Vol = 315.85 bbl	
01/06/2018	00:06:37	3012	0.0	8.35	806.0		
01/06/2018	00:07:07	3036	0.0	8.35	806.0		
01/06/2018	00:07:37	3049	0.0	8.35	806.0		
01/06/2018	00:08:07	3051	0.0	8.35	806.0		
01/06/2018	00:08:37	3065	0.0	8.35	806.0		
01/06/2018	00:09:07	2837	0.0	8.35	806.0		
01/06/2018	00:09:14	2641	0.0	8.35	806.0	Check Floats 3.5 brls back	
01/06/2018	00:09:37	1657	0.0	8.35	806.0		
01/06/2018	00:10:07	58	0.0	8.35	806.0		
01/06/2018	00:10:37	39	0.0	8.35	806.0		
01/06/2018	00:11:07	225	2.0	8.35	806.1		
01/06/2018	00:11:37	1309	2.3	8.35	807.2		
01/06/2018	00:12:07	2360	2.2	8.35	808.4		
01/06/2018	00:12:37	3050	0.0	8.35	809.1		
01/06/2018	00:12:39	2950	0.0	8.35	809.1	pressure test casing	
01/06/2018	00:13:07	2952	0.0	8.35	809.1		
01/06/2018	00:13:37	3013	0.0	8.35	809.1		
01/06/2018	00:14:07	2983	0.0	8.35	809.1		
01/06/2018	00:14:37	2975	0.0	8.35	809.1		
01/06/2018	00:15:07	2992	0.0	8.35	809.1		
01/06/2018	00:15:37	3012	0.0	8.35	809.1		
01/06/2018	00:16:07	3012	0.0	8.35	809.1		
01/06/2018	00:16:37	3018	0.0	8.35	809.1		
01/06/2018	00:17:07	3035	0.0	8.35	809.1		
01/06/2018	00:17:37	3042	0.0	8.35	809.1		
01/06/2018	00:18:07	3048	0.0	8.35	809.1		
01/06/2018	00:18:37	3060	0.0	8.35	809.1		
01/06/2018	00:19:07	3071	0.0	8.35	809.1		
01/06/2018	00:19:37	3080	0.0	8.36	809.1		
01/06/2018	00:20:07	3089	0.0	8.36	809.1		
01/06/2018	00:20:37	3099	0.0	8.36	809.1		
01/06/2018	00:21:07	3108	0.0	8.36	809.1		
01/06/2018	00:21:37	3117	0.0	8.36	809.1		
01/06/2018	00:22:37	3136	0.0	8.35	809.1		
01/06/2018	00:23:07	3146	0.0	8.35	809.1		
01/06/2018	00:23:37	3154	0.0	8.36	809.1		
01/06/2018	00:24:07	3163	0.0	8.36	809.1		
01/06/2018	00:24:37	3173	0.0	8.36	809.1		
01/06/2018	00:25:07	3182	0.0	8.36	809.1		
01/06/2018	00:25:37	3191	0.0	8.36	809.1		
01/06/2018	00:26:07	3200	0.0	8.36	809.1		
01/06/2018	00:26:37	3209	0.0	8.36	809.1		
01/06/2018	00:27:07	3218	0.0	8.36	809.1		
01/06/2018	00:27:37	3227	0.0	8.36	809.1		
01/06/2018	00:28:07	2382	0.0	8.36	809.1		
01/06/2018	00:28:37	168	0.0	8.36	809.1		
01/06/2018	00:29:07	39	0.0	8.36	809.2		
01/06/2018	00:29:37	178	1.4	8.36	809.3		
01/06/2018	00:30:07	1817	3.6	8.35	810.8		
01/06/2018	00:30:37	3493	3.6	8.35	812.6		
01/06/2018	00:31:07	2937	3.5	8.35	814.4	OPEN TOOL 4771PSI	
01/06/2018	00:31:27	2582	3.6	8.35	815.6	3 BRLS	
01/06/2018	00:31:37	2556	3.6	8.35	816.2		

Well			Field		Job Start	Customer		Job Number
PAPA JO2-25 29N3 8NZ			WATTENBURG		Jan/05/2018	ANADARKO		2647588
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
01/06/2018	00:32:37	2136	0.0	8.35	817.8			
01/06/2018	00:33:07	1745	0.0	8.35	817.8			
01/06/2018	00:33:37	530	0.0	8.35	817.8			

### Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl							
Slurry 5.1	N2	Mud	Maximum Rate 8.5	Total Slurry 394.0	Mud 0.0	Spacer 60.0	N2					
Treating Pressure Summary, psi					Breakdown Fluid							
Maximum 5996	Final 33	Average 1220	Bump Plug to 3000	Breakdown	Type	Volume bbl	Density lb/gal					
Avg. N2 Percent %	Designed Slurry Volume 394.0 bbl	Displacement 315.0 bbl	Mix Water Temp 70 degF	Cement Circulated to Surface? <input type="checkbox"/>		Volume bbl						
				Washed Thru Perfs <input type="checkbox"/>		To ft						
Customer or Authorized Representative BURKE HIBBIDS			Schlumberger Supervisor NORM HASLAUER			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>					
						-	-					