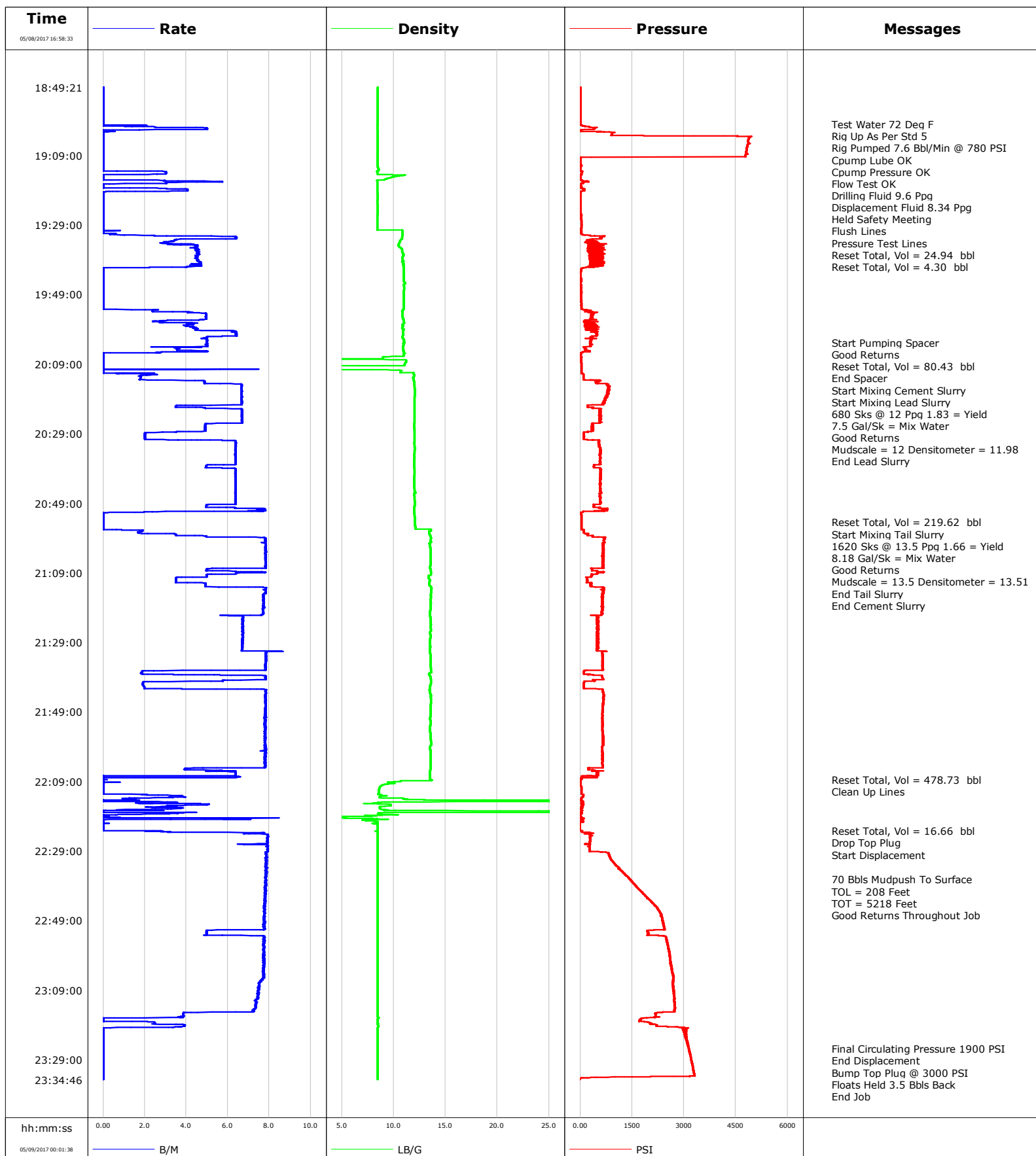


**Well** Chica 31C-23HZ  
**Field** Wattenberg  
**Engineer** Charles Pitcher  
**Country** United States

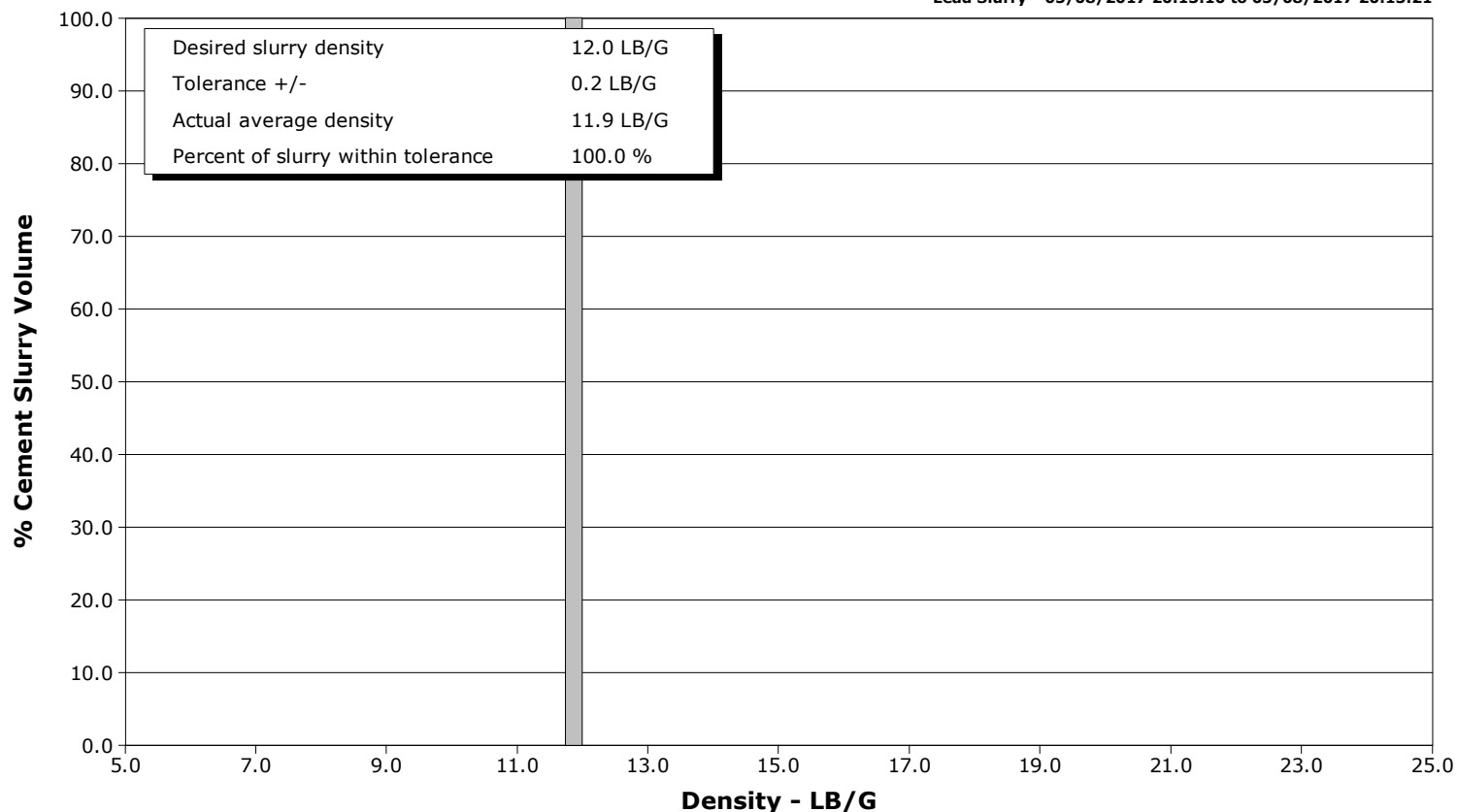
**Client** Anadarko  
**SIR No.** D8WD-00152  
**Job Type** Cem Prod Casing  
**Job Date** 05-08-2017



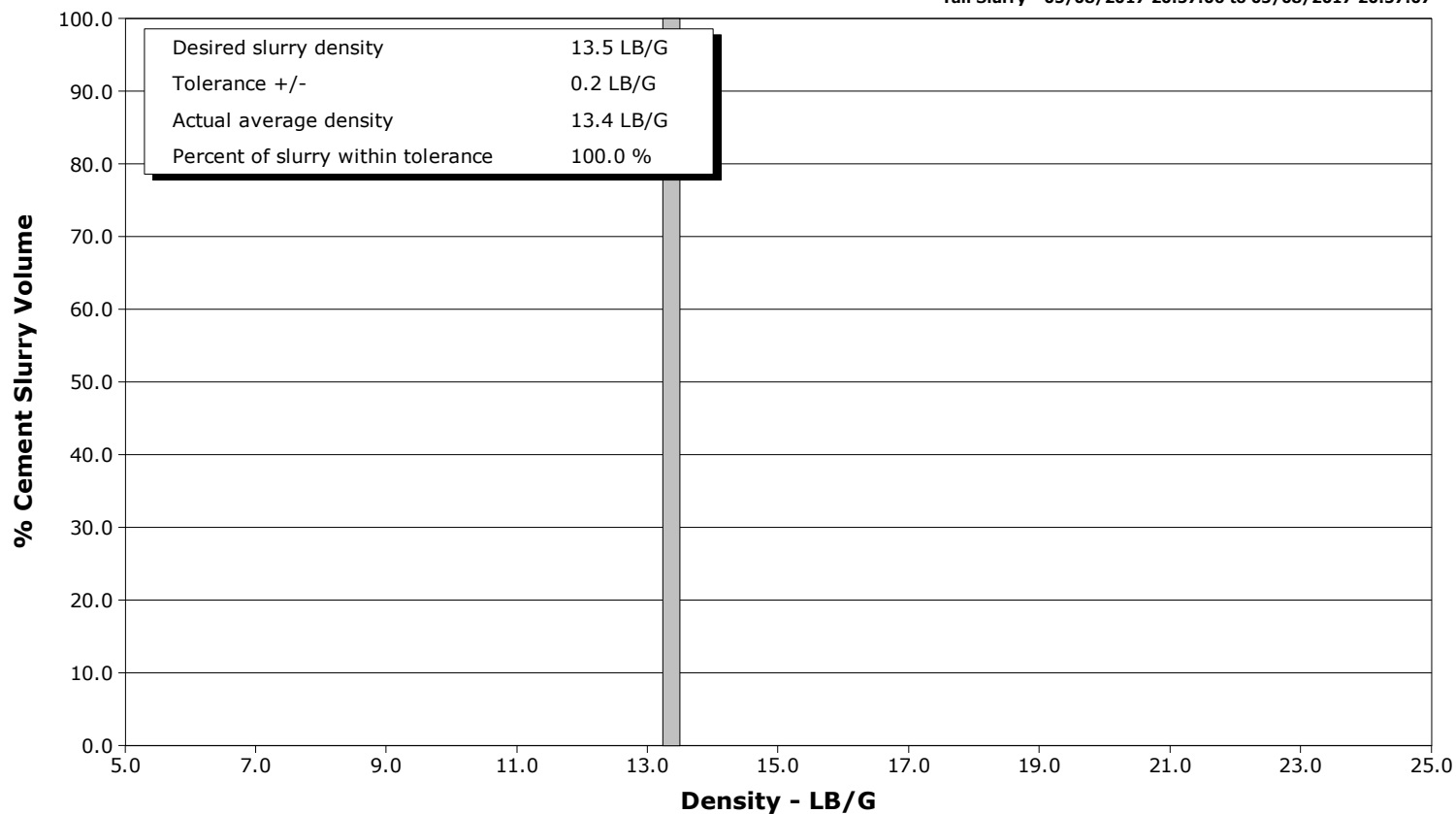
**Well** Chica 31C-23HZ  
**Field** Wattenberg  
**Engineer** Charles Pitcher  
**Country** United States

**Client** Anadarko  
**SIR No.** D8WD-00152  
**Job Type** Cem Prod Casing  
**Job Date** 05-08-2017

**Lead Slurry - 05/08/2017 20:13:10 to 05/08/2017 20:13:21**



**Tail Slurry - 05/08/2017 20:57:06 to 05/08/2017 20:57:07**



				Customer Anadarko			Job Number D8WD-00152				
Well Chica 31C-23HZ Chica 31C-23HZ			Location (legal) Precision 461			Schlumberger Location Williston			Job Start May/08/2017		
Field Wattenberg		Formation Name/Type Shale		Deviation deg		Bit Size 8.5 in		Well MD 17209.4 ft		Well TVD 7355.0 ft	
County Weld		State/Province Colorado		BHP psi		BHST 229 degF		BHCT 228 degF		Pore Press. Gradient lb/gal	
Well Master 0631712712		API/UWI 05123441200000									
Rig Name Precision 461		Drilled For Oil & Gas		Service Via Land		Casing/ Liner					
						Depth, ft		Size, in		Weight, lb/ft	
Offshore Zone		Well Class New		Well Type Development		17209.4		5.5		17.0	
						0.0		0.0		0.0	
Drilling Fluid Type Oil Mud		Max. Density lb/gal		Plastic Viscosity cP		Tubing/Drill Pipe					
						T/D		Depth, ft		Size, in	
Service Line Cementing		Job Type Cem Prod Casing									
Max. Allowed Tub. Press psi		Max. Allowed Ann. Press psi		WH Connection Double Cement head		Perforations/Open Hole					
						Top, ft		Bottom, ft		shot/ft	
						ft		ft		ft	
						ft		ft		ft	
						Treat Down Casing		Displacement 400.4 bbl		Packer Type	
										Packer Depth ft	
						Tubing Vol. bbl		Casing Vol. 400.6 bbl		Annular Vol. 111.6 bbl	
										Openhole Vol. 1118.6 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 Float			Squeeze Type		
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>				Shoe Depth 17209.4 ft			Tool Type		
No. Centralizers		Top Plugs 1		Bottom Plugs 1		Stage Tool Type			Tool Depth ft		
Cement Head Type Single						Stage Tool Depth ft			Tail Pipe Size in		
Job Scheduled For May/08/2017 13:00		Arrived on Location May/08/2017 13:00		Leave Location May/09/2017 01:00		Collar Type Float			Tail Pipe Depth ft		
						Collar Depth 17207.7 ft			Sqz. Total Vol. bbl		
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message					
05/08/2017	16:58:33	0	0.0	0.01	0.0	Started Acquisition					
05/08/2017	17:00:03	1	0.0	0.01	0.0						
05/08/2017	17:01:33	0	0.0	0.01	0.0						
05/08/2017	17:03:03	1	0.0	0.01	0.0						
05/08/2017	17:04:33	1	0.0	0.01	0.0						
05/08/2017	17:06:03	1	0.0	25.00	0.0						
05/08/2017	17:07:33	112	4.0	8.45	2.4						
05/08/2017	17:09:03	230	5.3	8.45	9.0						
05/08/2017	17:10:33	18	2.8	8.45	18.0						
05/08/2017	17:12:03	8	0.0	8.47	18.1						
05/08/2017	17:13:33	9	0.0	8.46	18.1						
05/08/2017	17:15:03	9	0.0	8.46	18.1						
05/08/2017	17:16:33	6	0.0	8.50	18.1						
05/08/2017	17:18:03	6	0.0	8.53	18.1						
05/08/2017	17:19:33	6	0.2	8.55	18.1						
05/08/2017	17:21:03	6	0.3	8.56	18.5						
05/08/2017	17:22:33	5	0.3	8.57	18.9						
05/08/2017	17:24:03	5	0.3	8.57	19.3						
05/08/2017	17:25:33	4	0.3	8.57	19.7						
05/08/2017	17:27:03	4	0.3	8.57	20.1						
05/08/2017	17:28:33	4	0.3	8.56	20.5						

Well Chica 31C-23HZ Chica 31C-23HZ			Field Wattenberg		Job Start May/08/2017		Customer Anadarko		Job Number D8WD-00152	
Date	Time 24-hr clock	Treating Pressure PSI		Flow Rate B/M	Density LB/G		Volume BBL		Message	
05/08/2017	17:31:33	4		0.2	8.56		21.2			
05/08/2017	17:33:03	4		0.2	8.55		21.6			
05/08/2017	17:34:33	4		0.2	8.55		21.9			
05/08/2017	17:36:03	4		0.2	8.54		22.3			
05/08/2017	17:37:33	4		0.2	8.53		22.6			
05/08/2017	17:39:03	4		0.2	8.52		23.0			
05/08/2017	17:40:33	3		0.2	8.52		23.3			
05/08/2017	17:42:03	4		0.2	8.51		23.6			
05/08/2017	17:43:33	4		0.2	8.50		23.9			
05/08/2017	17:45:03	4		0.2	8.50		24.2			
05/08/2017	17:46:33	4		0.2	8.49		24.5			
05/08/2017	17:48:03	4		0.2	8.49		24.8			
05/08/2017	17:49:33	4		0.0	8.48		24.9			
05/08/2017	17:51:03	4		0.0	8.48		24.9			
05/08/2017	17:52:33	4		0.0	8.48		24.9			
05/08/2017	17:54:03	4		0.0	8.48		24.9			
05/08/2017	17:55:33	5		0.0	8.47		24.9			
05/08/2017	17:57:03	5		0.0	8.47		24.9			
05/08/2017	17:58:33	5		0.0	8.47		24.9			
05/08/2017	18:00:03	5		0.0	8.47		24.9			
05/08/2017	18:01:33	5		0.0	8.47		24.9			
05/08/2017	18:03:03	5		0.0	8.47		24.9			
05/08/2017	18:04:33	4		0.0	8.47		24.9			
05/08/2017	18:06:03	4		0.0	8.47		24.9			
05/08/2017	18:07:33	4		0.0	8.47		24.9			
05/08/2017	18:09:03	4		0.0	8.47		24.9			
05/08/2017	18:10:33	5		0.0	8.46		24.9			
05/08/2017	18:12:03	4		0.0	8.46		24.9			
05/08/2017	18:13:33	4		0.0	8.46		24.9			
05/08/2017	18:15:03	4		0.0	8.46		24.9			
05/08/2017	18:16:33	4		0.0	8.46		24.9			
05/08/2017	18:18:03	4		0.0	8.46		24.9			
05/08/2017	18:19:33	4		0.0	8.46		24.9			
05/08/2017	18:21:03	4		0.0	8.46		24.9			
05/08/2017	18:22:33	4		0.0	8.46		24.9			
05/08/2017	18:24:03	3		0.0	8.46		24.9			
05/08/2017	18:25:33	3		0.0	8.46		24.9			
05/08/2017	18:27:03	4		0.0	8.46		24.9			
05/08/2017	18:28:33	3		0.0	8.46		24.9			
05/08/2017	18:30:03	3		0.0	8.46		24.9			
05/08/2017	18:31:33	3		0.0	8.46		24.9			
05/08/2017	18:33:03	3		0.0	8.46		24.9			
05/08/2017	18:34:33	3		0.0	8.46		24.9			
05/08/2017	18:36:03	3		0.0	8.46		24.9			
05/08/2017	18:37:33	3		0.0	8.45		24.9			
05/08/2017	18:39:03	3		0.0	8.45		24.9			
05/08/2017	18:40:33	3		0.0	8.46		24.9			
05/08/2017	18:42:03	3		0.0	8.45		24.9			
05/08/2017	18:43:33	2		0.0	8.45		24.9			
05/08/2017	18:45:03	2		0.0	8.45		24.9			
05/08/2017	18:46:33	2		0.0	8.45		24.9			
05/08/2017	18:48:03	3		0.0	8.45		24.9			
05/08/2017	18:49:33	2		0.0	8.45		24.9			
05/08/2017	18:51:03	2		0.0	8.45		24.9			

Well Chica 31C-23HZ Chica 31C-23HZ			Field Wattenberg		Job Start May/08/2017		Customer Anadarko		Job Number D8WD-00152	
Date	Time 24-hr clock	Treating Pressure PSI		Flow Rate B/M	Density LB/G		Volume BBL		Message	
05/08/2017	18:54:03	2		0.0	8.45		24.9			
05/08/2017	18:55:33	2		0.0	8.45		24.9			
05/08/2017	18:57:03	1		0.0	8.45		24.9			
05/08/2017	18:58:33	1		0.0	8.45		24.9			
05/08/2017	19:00:00	13		0.0	8.44		24.9		Test Water 72 Deg F	
05/08/2017	19:00:02	13		0.0	8.45		24.9		Reset Total, Vol = 24.94 bbl	
05/08/2017	19:00:03	13		0.0	8.45		0.0			
05/08/2017	19:01:33	259		5.0	8.44		4.0			
05/08/2017	19:01:44	23		0.0	8.45		4.3		Reset Total, Vol = 4.30 bbl	
05/08/2017	19:03:03	895		0.0	8.45		0.0			
05/08/2017	19:04:33	4825		0.0	8.45		0.0			
05/08/2017	19:06:03	4797		0.0	8.45		0.0			
05/08/2017	19:07:33	4772		0.0	8.45		0.0			
05/08/2017	19:09:03	4748		0.0	8.44		0.0			
05/08/2017	19:10:33	10		0.0	8.44		0.0			
05/08/2017	19:12:03	17		0.0	8.46		0.0			
05/08/2017	19:13:33	60		2.7	8.38		0.1			
05/08/2017	19:15:03	8		0.0	10.20		2.9			
05/08/2017	19:16:33	251		5.7	8.44		4.8			
05/08/2017	19:18:03	11		0.0	8.44		6.9			
05/08/2017	19:19:33	15		0.0	8.44		10.4			
05/08/2017	19:21:03	11		0.0	8.46		10.4			
05/08/2017	19:22:33	13		0.0	8.44		10.4			
05/08/2017	19:24:03	13		0.0	8.45		10.4			
05/08/2017	19:25:33	13		0.0	8.45		10.4			
05/08/2017	19:27:03	17		0.0	8.44		0.0			
05/08/2017	19:28:33	17		0.0	8.44		0.0			
05/08/2017	19:30:03	17		0.0	8.44		0.0			
05/08/2017	19:31:33	33		0.4	10.85		0.1			
05/08/2017	19:33:03	310		3.9	10.77		6.3			
05/08/2017	19:34:33	713		4.4	10.49		11.3			
05/08/2017	19:36:03	276		4.6	10.83		17.9			
05/08/2017	19:37:33	206		4.6	10.94		24.7			
05/08/2017	19:39:03	406		4.5	10.86		31.5			
05/08/2017	19:40:33	240		4.4	10.91		38.4			
05/08/2017	19:42:03	39		0.0	10.97		41.3			
05/08/2017	19:43:33	35		0.0	10.97		41.3			
05/08/2017	19:45:03	38		0.0	10.97		41.3			
05/08/2017	19:46:33	40		0.0	10.98		41.3			
05/08/2017	19:48:03	38		0.0	10.97		41.3			
05/08/2017	19:49:33	39		0.0	10.97		41.3			
05/08/2017	19:51:03	40		0.0	10.97		41.3			
05/08/2017	19:52:33	41		0.0	10.97		41.3			
05/08/2017	19:54:03	415		4.3	10.85		43.3			
05/08/2017	19:55:33	388		4.9	10.87		50.5			
05/08/2017	19:57:03	222		2.9	10.99		56.4			
05/08/2017	19:58:33	551		4.5	10.84		62.6			
05/08/2017	20:00:03	508		6.4	10.90		70.7			
05/08/2017	20:01:33	379		4.9	10.88		79.5			
05/08/2017	20:02:45	288		5.0	11.05		85.5		Start Pumping Spacer	
05/08/2017	20:03:03	297		5.0	10.93		87.0			
05/08/2017	20:04:33	175		3.6	10.92		93.8			
05/08/2017	20:05:52	34		0.0	10.94		98.4		Reset Total, Vol = 80.43 bbl	
05/08/2017	20:06:01	34		0.0	11.00		0.0		End Spacer	

Well Chica 31C-23HZ Chica 31C-23HZ			Field Wattenberg		Job Start May/08/2017		Customer Anadarko		Job Number D8WD-00152	
Date	Time 24-hr clock	Treating Pressure PSI		Flow Rate B/M	Density LB/G		Volume BBL	Message		
05/08/2017	20:07:33	35		0.0	0.20		0.0			
05/08/2017	20:09:03	36		0.0	11.05		0.0			
05/08/2017	20:10:33	35		4.5	4.00		0.3			
05/08/2017	20:12:03	95		2.5	11.95		1.3			
05/08/2017	20:13:09	98		1.8	11.90		3.4	Start Mixing Cement Slurry		
05/08/2017	20:13:10	99		1.8	11.90		3.4	Start Mixing Lead Slurry		
05/08/2017	20:13:20	101		1.8	11.91		3.7	Good Returns		
05/08/2017	20:13:21	100		1.8	11.91		3.7	Mudscale = 12 Densitometer = 11.98		
05/08/2017	20:13:33	157		2.1	11.91		4.1			
05/08/2017	20:15:03	848		6.7	11.99		11.8			
05/08/2017	20:16:33	876		6.7	12.04		21.8			
05/08/2017	20:18:03	862		6.7	12.04		31.8			
05/08/2017	20:19:33	791		6.7	12.02		41.8			
05/08/2017	20:21:03	255		3.5	12.01		51.1			
05/08/2017	20:22:33	691		6.7	12.03		59.2			
05/08/2017	20:24:03	640		6.7	12.01		69.3			
05/08/2017	20:25:33	709		6.7	12.02		79.3			
05/08/2017	20:27:03	367		4.9	11.98		87.6			
05/08/2017	20:28:33	253		3.5	12.01		94.7			
05/08/2017	20:30:03	122		2.0	12.01		97.9			
05/08/2017	20:31:33	550		6.4	11.99		104.0			
05/08/2017	20:33:03	601		6.4	12.04		113.5			
05/08/2017	20:34:33	613		6.4	12.02		123.1			
05/08/2017	20:36:03	604		6.4	11.99		132.7			
05/08/2017	20:37:33	601		6.4	11.96		142.2			
05/08/2017	20:39:03	610		6.4	11.99		150.4			
05/08/2017	20:40:33	634		6.4	11.99		160.0			
05/08/2017	20:42:03	619		6.4	11.97		169.5			
05/08/2017	20:43:33	614		6.4	11.97		179.1			
05/08/2017	20:45:03	607		6.4	11.99		188.6			
05/08/2017	20:46:33	617		6.4	11.98		198.2			
05/08/2017	20:48:03	619		6.4	12.02		207.7			
05/08/2017	20:49:33	406		5.0	12.06		217.0			
05/08/2017	20:51:03	766		7.8	11.96		226.5			
05/08/2017	20:52:33	44		0.0	12.02		229.6			
05/08/2017	20:54:03	46		0.0	12.06		229.6			
05/08/2017	20:54:26	47		0.0	12.07		229.6	Reset Total, Vol = 219.62 bbl		
05/08/2017	20:55:33	47		0.0	12.08		0.0			
05/08/2017	20:57:03	116		1.9	13.40		0.7			
05/08/2017	20:57:06	117		1.9	13.41		0.8	Start Mixing Tail Slurry		
05/08/2017	20:57:07	116		1.9	13.41		0.8	Mudscale = 13.5 Densitometer = 13.51		
05/08/2017	20:57:08	116		1.9	13.42		0.8	End Cement Slurry		
05/08/2017	20:58:33	377		5.0	13.55		5.0			
05/08/2017	21:00:03	727		7.8	13.59		16.1			
05/08/2017	21:01:33	704		7.8	13.51		27.8			
05/08/2017	21:03:03	696		7.8	13.54		39.5			
05/08/2017	21:04:33	688		7.8	13.54		51.2			
05/08/2017	21:06:03	720		7.8	13.52		62.9			
05/08/2017	21:07:33	688		7.8	13.49		74.7			
05/08/2017	21:09:03	552		6.5	13.58		83.9			
05/08/2017	21:10:33	227		3.5	13.38		91.4			
05/08/2017	21:12:03	394		4.9	13.46		96.9			
05/08/2017	21:13:33	707		7.8	13.63		105.6			
05/08/2017	21:15:03	698		7.8	13.57		117.3			

Well Chica 31C-23HZ Chica 31C-23HZ			Field Wattenberg	Job Start May/08/2017	Customer Anadarko	Job Number D8WD-00152
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
05/08/2017	21:18:03	705	7.7	13.56	140.4	
05/08/2017	21:19:33	694	7.7	13.56	152.0	
05/08/2017	21:21:03	693	7.7	13.49	163.6	
05/08/2017	21:22:33	655	6.7	13.53	173.7	
05/08/2017	21:24:03	660	6.7	13.57	183.8	
05/08/2017	21:25:33	621	6.7	13.58	193.9	
05/08/2017	21:27:03	672	6.7	13.53	203.9	
05/08/2017	21:28:33	621	6.7	13.51	214.0	
05/08/2017	21:30:03	651	6.7	13.51	224.1	
05/08/2017	21:31:33	902	8.3	13.49	234.1	
05/08/2017	21:33:03	846	7.8	13.56	246.0	
05/08/2017	21:34:33	833	7.8	13.56	257.7	
05/08/2017	21:36:03	847	7.8	13.55	269.4	
05/08/2017	21:37:33	207	1.9	13.63	278.7	
05/08/2017	21:39:03	844	7.8	13.54	285.5	
05/08/2017	21:40:33	203	1.9	13.59	294.7	
05/08/2017	21:42:03	183	2.0	13.48	297.6	
05/08/2017	21:43:33	850	7.8	13.51	307.1	
05/08/2017	21:45:03	873	7.8	13.57	318.8	
05/08/2017	21:46:33	863	7.8	13.57	330.6	
05/08/2017	21:48:03	839	7.8	13.56	342.3	
05/08/2017	21:49:33	851	7.8	13.53	354.0	
05/08/2017	21:51:03	832	7.8	13.51	365.7	
05/08/2017	21:52:33	847	7.8	13.53	377.4	
05/08/2017	21:54:03	838	7.8	13.48	389.1	
05/08/2017	21:55:33	855	7.8	13.55	400.8	
05/08/2017	21:57:03	855	7.8	13.57	412.5	
05/08/2017	21:58:33	853	7.8	13.61	424.2	
05/08/2017	22:00:03	843	7.8	13.53	435.9	
05/08/2017	22:01:33	839	7.8	13.55	447.6	
05/08/2017	22:03:03	831	7.8	13.56	459.3	
05/08/2017	22:04:33	837	7.8	13.55	470.9	
05/08/2017	22:06:03	428	5.3	13.49	479.6	
05/08/2017	22:07:33	501	0.0	13.50	488.0	
05/08/2017	22:08:35	97	0.0	13.65	490.7	Reset Total, Vol = 478.73 bbl
05/08/2017	22:08:36	98	0.2	13.65	0.0	Clean Up Lines
05/08/2017	22:09:03	101	0.0	10.57	0.0	
05/08/2017	22:10:33	93	0.0	8.70	0.0	
05/08/2017	22:12:03	88	0.0	8.55	0.0	
05/08/2017	22:13:33	113	4.0	8.60	2.7	
05/08/2017	22:15:03	129	3.6	8.65	4.8	
05/08/2017	22:16:33	124	3.5	8.68	10.0	
05/08/2017	22:18:03	108	3.8	8.76	12.7	
05/08/2017	22:19:33	58	8.3	4.36	14.3	
05/08/2017	22:21:03	37	0.0	8.45	16.6	
05/08/2017	22:22:33	55	0.0	8.46	16.7	
05/08/2017	22:23:10	54	0.0	8.45	16.7	Reset Total, Vol = 16.66 bbl
05/08/2017	22:23:32	105	3.2	8.44	0.7	Drop Top Plug
05/08/2017	22:23:33	105	3.2	8.43	0.8	Start Displacement
05/08/2017	22:24:03	157	6.8	8.49	3.8	
05/08/2017	22:25:33	334	7.9	8.45	15.6	
05/08/2017	22:27:03	171	6.5	8.46	27.4	
05/08/2017	22:28:33	310	7.9	8.45	39.1	
05/08/2017	22:30:03	877	7.9	8.46	50.9	

Well Chica 31C-23HZ Chica 31C-23HZ			Field Wattenberg		Job Start May/08/2017		Customer Anadarko		Job Number D8WD-00152	
Date	Time 24-hr clock	Treating Pressure PSI		Flow Rate B/M	Density LB/G		Volume BBL	Message		
05/08/2017	22:33:03	1059		7.8	8.45		74.5			
05/08/2017	22:34:33	1215		7.9	8.45		86.3			
05/08/2017	22:36:03	1358		7.8	8.45		98.0			
05/08/2017	22:37:07	1470		7.8	8.45		106.4	70 Bbls Mudpush To Surface		
05/08/2017	22:37:08	1479		7.8	8.45		106.5	TOT = 5218 Feet		
05/08/2017	22:37:33	1500		7.9	8.45		109.8			
05/08/2017	22:39:03	1639		7.8	8.46		121.5			
05/08/2017	22:40:33	1781		7.8	8.45		133.2			
05/08/2017	22:42:03	1922		7.8	8.45		144.9			
05/08/2017	22:43:33	2080		7.8	8.45		156.6			
05/08/2017	22:45:03	2220		7.8	8.45		168.3			
05/08/2017	22:46:33	2323		7.8	8.45		179.9			
05/08/2017	22:48:03	2375		7.7	8.45		191.5			
05/08/2017	22:49:33	2405		7.8	8.45		203.2			
05/08/2017	22:51:03	2450		7.8	8.45		214.8			
05/08/2017	22:52:33	1985		5.0	8.45		224.2			
05/08/2017	22:54:03	2495		7.7	8.45		233.7			
05/08/2017	22:55:33	2527		7.8	8.45		245.3			
05/08/2017	22:57:03	2570		7.7	8.45		256.9			
05/08/2017	22:58:33	2595		7.7	8.45		268.5			
05/08/2017	23:00:03	2610		7.7	8.45		280.1			
05/08/2017	23:01:33	2623		7.7	8.45		291.7			
05/08/2017	23:03:03	2659		7.7	8.45		303.2			
05/08/2017	23:04:33	2689		7.7	8.45		314.8			
05/08/2017	23:06:03	2689		7.7	8.45		326.4			
05/08/2017	23:07:33	2691		7.5	8.45		337.7			
05/08/2017	23:09:03	2718		7.5	8.45		349.0			
05/08/2017	23:10:33	2707		7.5	8.45		360.1			
05/08/2017	23:12:03	2730		7.3	8.45		371.3			
05/08/2017	23:13:33	2731		7.3	8.45		382.3			
05/08/2017	23:15:03	2710		7.3	8.45		393.2			
05/08/2017	23:16:33	2170		3.9	8.46		400.2			
05/08/2017	23:18:03	1895		0.0	8.45		401.9			
05/08/2017	23:19:33	2529		3.8	8.50		406.5			
05/08/2017	23:21:03	3065		0.0	8.45		407.3			
05/08/2017	23:22:33	3042		0.0	8.45		407.3			
05/08/2017	23:24:03	3090		0.0	8.45		407.3			
05/08/2017	23:25:33	3124		0.0	8.45		407.3			
05/08/2017	23:25:51	3127		0.0	8.45		407.3	Final Circulating Pressure 1900 PSI		
05/08/2017	23:25:52	3125		0.0	8.45		407.3	End Displacement		
05/08/2017	23:27:03	3154		0.0	8.45		407.3			
05/08/2017	23:27:52	3173		0.0	8.45		407.3	Bump Top Plug @ 3000 PSI		
05/08/2017	23:28:33	3190		0.0	8.45		407.3			
05/08/2017	23:28:52	3196		0.0	8.45		407.3	Floats Held 3.5 Bbls Back		
05/08/2017	23:29:52	3216		0.0	8.45		407.3	End Job		
05/08/2017	23:30:03	3219		0.0	8.45		407.3			
05/08/2017	23:31:33	3250		0.0	8.45		407.3			
05/08/2017	23:33:03	3279		0.0	8.45		407.3			
05/08/2017	23:34:33	12		0.0	8.45		407.3			
05/08/2017	23:36:03	15		6.8	8.55		410.7			
05/08/2017	23:37:33	13		6.9	8.71		421.0			
05/08/2017	23:39:03	11		0.0	8.42		428.0			
05/08/2017	23:40:33	15		1.3	8.41		428.1			
05/08/2017	23:42:03	29		0.0	5.65		428.3			

Well			Field		Job Start	Customer		Job Number
Chica 31C-23HZ Chica 31C-23HZ			Wattenberg		May/08/2017	Anadarko		D8WD-00152
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
05/08/2017	23:45:03	26	0.0	25.00	428.3			
05/08/2017	23:46:33	28	0.0	25.00	428.3			
05/08/2017	23:48:03	26	0.0	19.32	428.3			
05/08/2017	23:49:33	24	0.0	7.52	428.3			
05/08/2017	23:51:03	23	0.0	6.02	428.4			
05/08/2017	23:52:33	24	0.0	25.00	428.4			
05/08/2017	23:54:03	23	0.0	0.02	428.4			
05/08/2017	23:55:33	23	0.0	0.20	428.5			
05/08/2017	23:57:03	23	0.0	0.01	428.5			
05/08/2017	23:58:33	27	0.0	0.01	428.5			
05/09/2017	00:00:03	29	0.0	0.01	428.5			
05/09/2017	00:01:33	29	0.0	0.01	428.5			

## Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl						
Slurry 6.5	N2	Mud	Maximum Rate 8.5	Total Slurry 698.0	Mud 0.0	Spacer 80.5	N2				
Treating Pressure Summary, psi					Breakdown Fluid						
Maximum 3140	Final 3138	Average 991	Bump Plug to	Breakdown	Type	Volume bbl	Density lb/gal				
Avg. N2 Percent %	Designed Slurry Volume 697.8 bbl	Displacement 400.0 bbl	Mix Water Temp 72 degF	Cement Circulated to Surface?		<input type="checkbox"/>	Volume bbl				
				Washed Thru Perfs		<input type="checkbox"/>	To ft				
Customer or Authorized Representative Stan Walkerson			Schlumberger Supervisor Charles Pitcher			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>				
						-	-				