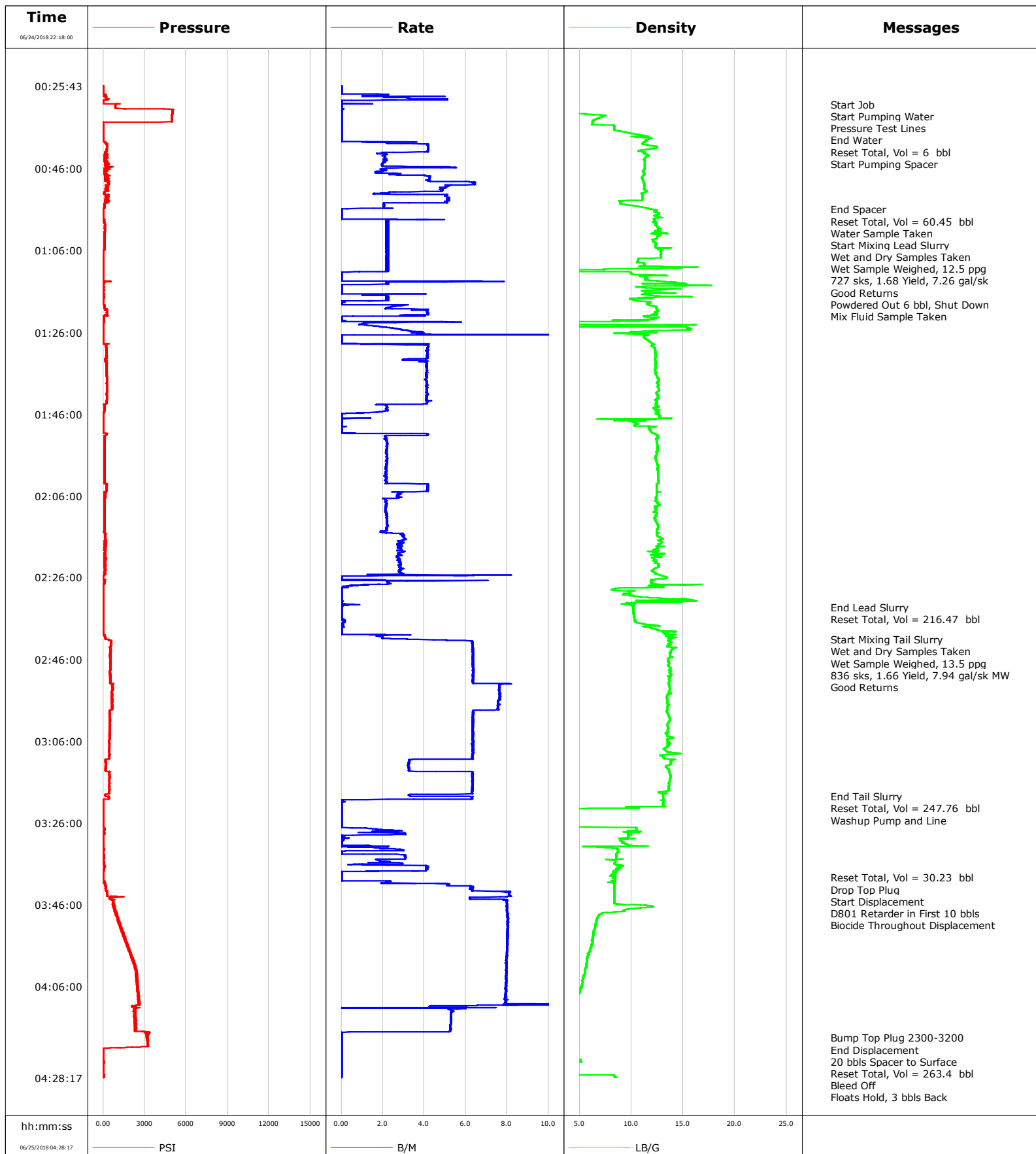


Well Ruegge 3I-4H-N165
Field DJ
Engineer Ryan Drilling
Country United States

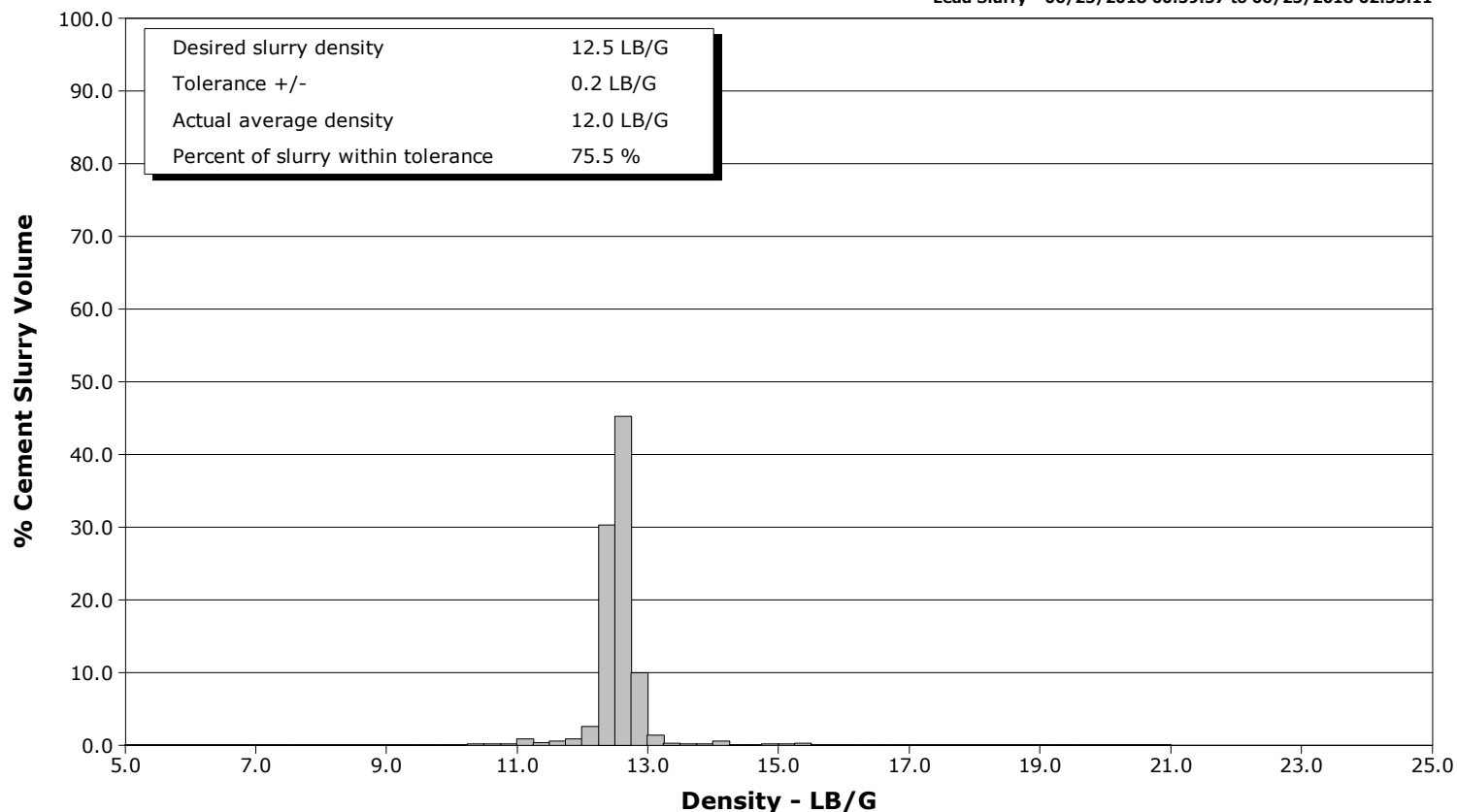
Client Crestone Peak Resources
SIR No. DZ6N-00401
Job Type Production
Job Date 06-24-2018



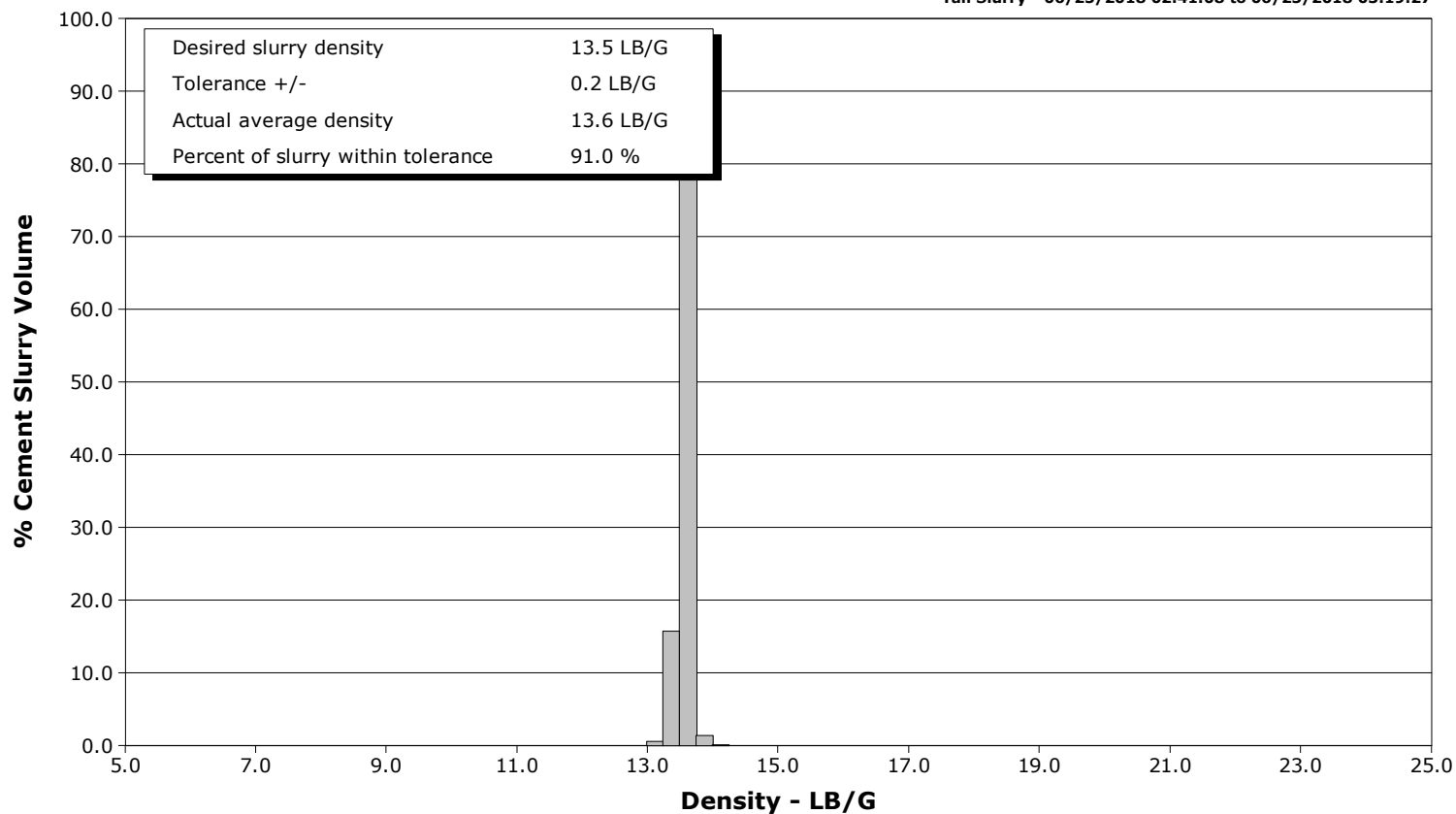
Well Ruegge 3I-4H-N165
Field DJ
Engineer Ryan Drilling
Country United States

Client Crestone Peak Resources
SIR No. DZ6N-00401
Job Type Production
Job Date 06-24-2018

Lead Slurry - 06/25/2018 00:59:57 to 06/25/2018 02:33:11



Tail Slurry - 06/25/2018 02:41:08 to 06/25/2018 03:19:27



Cementing Service Report

				Customer Crestone Peak Resources			Job Number DZ6N-00401				
Well Ruegge 3I-4H-N165 3I-4H-N165			Location (legal) CWY			Schlumberger Location CWY			Job Start Jun/24/2018		
Field DJ		Formation Name/Type Shale		Deviation 90 deg		Bit Size 8.5 in		Well MD 12009.0 ft		Well TVD 7154.0 ft	
County Weld		State/Province Colorado		BHP psi		BHST 224 degF		BHCT 193 degF		Pore Press. Gradient lb/gal	
Well Master 0631761977		API/UWI									
Rig Name Ensign 140		Drilled For Oil & Gas		Service Via Land		Casing/ Liner					
						Depth, ft		Size, in		Weight, lb/ft	
Offshore Zone		Well Class New		Well Type Development		11890.0		5.5		20.0	
						0.0		0.0		0.0	
Drilling Fluid Type OBM		Max. Density 10.00 lb/gal		Plastic Viscosity cP		Tubing/Drill Pipe					
						T/D		Depth, ft		Size, in	
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	
						ft		ft			
						ft		ft			
						Treat Down Casing		Displacement bbl		Packer Type	
										Packer Depth ft	
						Tubing Vol. bbl		Casing Vol. 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 2200 psi						Shoe Type Float			Squeeze Type		
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>				Shoe Depth 11890.0 ft			Tool Type		
No. Centralizers		Top Plugs 1		Bottom Plugs		Stage Tool Type			Tool Depth ft		
Cement Head Type Double						Stage Tool Depth ft			Tail Pipe Size in		
Job Scheduled For Jun/24/2018 18:00		Arrived on Location Jun/24/2018 18:25		Leave Location Jun/24/2018 06:00		Collar Type Float			Tail Pipe Depth ft		
						Collar Depth 11877.0 ft			Sqz. Total Vol. bbl		
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message					
06/24/2018	22:18:00	2	0.0	0.06	0.0	Started Acquisition					
06/24/2018	22:19:00	1	0.0	0.06	0.0						
06/24/2018	22:20:00	2	0.0	0.06	0.0						
06/24/2018	22:21:00	2	0.0	0.06	0.0						
06/24/2018	22:22:00	126	2.0	8.40	1.5						
06/24/2018	22:23:00	118	2.2	8.43	3.7						
06/24/2018	22:24:00	115	2.2	8.06	5.8						
06/24/2018	22:25:00	29	0.0	8.44	6.2						
06/24/2018	22:26:00	30	0.0	8.42	6.2						
06/24/2018	22:27:00	825	0.0	8.43	6.3						
06/24/2018	22:28:00	2917	0.0	8.41	6.3						
06/24/2018	22:29:00	133	0.0	8.41	6.3						
06/24/2018	22:30:00	377	0.1	8.42	6.4						
06/24/2018	22:31:00	2974	0.0	8.40	6.4						
06/24/2018	22:32:00	131	0.0	8.40	6.4						
06/24/2018	22:33:00	1801	0.0	8.40	6.4						
06/24/2018	22:34:00	193	0.0	8.40	6.4						
06/24/2018	22:35:00	12	0.0	8.39	6.4						
06/24/2018	22:36:00	13	0.0	8.39	6.4						
06/24/2018	22:37:00	2456	0.0	8.40	6.4						
06/24/2018	22:38:00	8076	0.0	8.39	6.4						

Well			Field		Job Start		Customer		Job Number	
Ruegge 3I-4H-N165 3I-4H-N165			DJ		Jun/24/2018		Crestone Peak Resources		DZ6N-00401	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
06/24/2018	22:40:00	7986	0.0	8.39	6.4					
06/24/2018	22:41:00	7911	0.0	8.40	6.4					
06/24/2018	22:42:00	7811	0.0	8.40	6.4					
06/24/2018	22:43:00	7767	0.0	8.40	6.4					
06/24/2018	22:44:00	5	0.0	8.39	6.4					
06/24/2018	22:45:00	5	0.0	8.39	6.4					
06/24/2018	22:46:00	804	0.0	8.40	6.4					
06/24/2018	22:47:00	496	0.0	8.40	6.4					
06/24/2018	22:48:00	29	0.0	8.39	6.4					
06/24/2018	22:49:00	1884	0.0	8.39	6.4					
06/24/2018	22:50:00	1863	0.0	8.39	6.4					
06/24/2018	22:51:00	2163	0.0	8.39	6.5					
06/24/2018	22:52:00	534	0.0	8.39	6.5					
06/24/2018	22:53:00	434	0.0	8.39	6.5					
06/24/2018	22:54:00	1658	0.0	8.39	6.5					
06/24/2018	22:55:00	3	0.0	8.39	6.5					
06/24/2018	22:56:00	275	5.4	8.40	7.9					
06/24/2018	22:57:00	70	2.3	8.39	12.8					
06/24/2018	22:58:00	17	0.0	8.40	18.3					
06/24/2018	22:59:00	71	0.0	8.40	18.3					
06/24/2018	23:00:00	48	0.0	8.40	18.3					
06/24/2018	23:01:00	15	0.0	8.40	18.3					
06/24/2018	23:02:00	2462	0.0	8.40	18.3					
06/24/2018	23:03:00	2116	0.0	8.40	18.3					
06/24/2018	23:04:00	2087	0.0	8.40	18.3					
06/24/2018	23:05:00	10	0.0	8.40	18.3					
06/24/2018	23:06:00	11	0.0	8.40	18.3					
06/24/2018	23:07:00	11	0.0	8.40	18.3					
06/24/2018	23:08:00	2134	0.0	8.40	18.3					
06/24/2018	23:09:00	1998	0.0	8.39	18.3					
06/24/2018	23:10:00	1907	0.0	8.39	18.3					
06/24/2018	23:11:00	1889	0.0	8.39	18.3					
06/24/2018	23:12:00	1799	0.0	8.39	18.3					
06/24/2018	23:13:00	1776	0.0	8.40	18.3					
06/24/2018	23:14:00	1758	0.0	8.40	18.3					
06/24/2018	23:15:00	3	0.0	8.40	18.3					
06/24/2018	23:16:00	45	1.8	8.39	18.5					
06/24/2018	23:17:00	275	4.2	8.39	2.2					
06/24/2018	23:18:00	25	0.0	8.40	5.3					
06/24/2018	23:19:00	217	0.0	8.39	5.4					
06/24/2018	23:20:00	892	0.0	8.39	5.4					
06/24/2018	23:21:00	77	0.0	8.39	5.4					
06/24/2018	23:22:00	50	0.0	8.39	5.4					
06/24/2018	23:23:00	195	0.0	8.39	5.4					
06/24/2018	23:24:00	89	0.0	8.39	5.4					
06/24/2018	23:25:00	107	0.0	8.39	5.4					
06/24/2018	23:26:00	120	0.0	8.39	5.5					
06/24/2018	23:27:00	128	0.0	8.39	5.5					
06/24/2018	23:28:00	125	0.0	8.39	5.5					
06/24/2018	23:29:00	15	0.0	8.39	5.5					
06/24/2018	23:30:00	6	0.0	8.39	5.5					
06/24/2018	23:31:00	4	0.0	8.39	5.5					
06/24/2018	23:32:00	4	0.0	8.48	5.5					
06/24/2018	23:33:00	4	0.0	8.60	5.5					

Well			Field		Job Start		Customer		Job Number	
Ruegge 3I-4H-N165 3I-4H-N165			DJ		Jun/24/2018		Crestone Peak Resources		DZ6N-00401	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
06/24/2018	23:35:00	3	0.0	8.56	5.5					
06/24/2018	23:36:00	18	2.0	7.96	5.5					
06/24/2018	23:37:00	303	0.0	8.41	5.6					
06/24/2018	23:38:00	119	0.0	8.42	5.6					
06/24/2018	23:39:00	51	0.0	8.41	5.6					
06/24/2018	23:40:00	459	0.0	8.40	5.6					
06/24/2018	23:41:00	257	0.0	8.41	5.6					
06/24/2018	23:42:00	96	0.0	8.41	5.6					
06/24/2018	23:43:00	2430	0.0	8.41	5.6					
06/24/2018	23:44:00	2353	0.0	8.41	5.6					
06/24/2018	23:45:00	2340	0.0	8.41	5.6					
06/24/2018	23:46:00	49	0.0	8.41	5.6					
06/24/2018	23:47:00	39	0.0	8.41	5.6					
06/24/2018	23:48:00	33	0.0	8.41	5.6					
06/24/2018	23:49:00	29	0.0	8.41	5.6					
06/24/2018	23:50:00	26	0.0	8.41	5.6					
06/24/2018	23:51:00	23	0.0	8.41	5.6					
06/24/2018	23:52:00	20	0.0	8.41	5.6					
06/24/2018	23:53:00	18	0.0	8.41	5.6					
06/24/2018	23:54:00	17	0.0	8.41	5.6					
06/24/2018	23:55:00	15	0.0	8.41	5.6					
06/24/2018	23:56:00	3	0.0	8.41	5.6					
06/24/2018	23:57:00	3	0.0	8.41	5.6					
06/24/2018	23:58:00	3	0.0	8.41	5.6					
06/24/2018	23:59:00	2	0.0	8.41	5.6					
06/25/2018	00:00:00	3	0.0	8.41	5.6					
06/25/2018	00:01:00	3	0.0	8.41	5.6					
06/25/2018	00:02:00	3	0.0	8.41	5.6					
06/25/2018	00:03:00	2	0.0	8.41	5.6					
06/25/2018	00:04:00	3	0.0	8.41	5.6					
06/25/2018	00:05:00	3	0.0	8.41	5.6					
06/25/2018	00:06:00	3	0.0	8.41	5.6					
06/25/2018	00:07:00	3	0.0	8.41	5.6					
06/25/2018	00:08:00	1	0.0	8.41	5.6					
06/25/2018	00:09:00	2	0.0	8.41	5.6					
06/25/2018	00:10:00	2	0.0	8.41	5.6					
06/25/2018	00:11:00	2	0.0	8.41	5.6					
06/25/2018	00:12:00	3	0.0	8.41	5.6					
06/25/2018	00:13:00	2	0.0	8.41	5.6					
06/25/2018	00:14:00	3	0.0	8.41	5.6					
06/25/2018	00:15:00	75	2.2	8.39	6.9					
06/25/2018	00:16:00	748	0.0	8.39	8.2					
06/25/2018	00:17:00	3124	0.0	8.39	8.2					
06/25/2018	00:18:00	4	0.0	8.39	8.2					
06/25/2018	00:19:00	3	0.0	8.39	8.2					
06/25/2018	00:20:00	1	0.0	8.39	8.2					
06/25/2018	00:21:00	1	0.0	8.39	8.2					
06/25/2018	00:22:00	0	0.0	8.40	8.2					
06/25/2018	00:23:00	1	0.0	8.40	8.2					
06/25/2018	00:24:00	0	0.0	8.39	8.2					
06/25/2018	00:25:00	0	0.0	8.39	8.2					
06/25/2018	00:26:00	1	0.0	8.39	8.2					
06/25/2018	00:27:00	1	0.0	8.40	8.2					
06/25/2018	00:28:00	181	1.9	8.39	0.5					

Well			Field		Job Start		Customer		Job Number	
Ruegge 3I-4H-N165 3I-4H-N165			DJ		Jun/24/2018		Crestone Peak Resources		DZ6N-00401	
Date	Time 24-hr clock	Treating Pressure PSI		Flow Rate B/M	Density LB/G		Volume BBL	Message		
06/25/2018	00:30:00	11		0.0	8.40		4.3			
06/25/2018	00:30:18	900		0.0	8.40		4.3	Start Job		
06/25/2018	00:30:22	896		0.0	8.40		4.3	Start Pumping Water		
06/25/2018	00:30:24	895		0.0	8.39		4.3	Pressure Test Lines		
06/25/2018	00:31:00	882		0.0	8.39		4.3			
06/25/2018	00:32:00	5009		0.0	8.39		4.4			
06/25/2018	00:33:00	4984		0.0	8.40		4.4			
06/25/2018	00:34:00	4967		0.0	8.40		4.4			
06/25/2018	00:35:00	9		0.0	8.40		4.4			
06/25/2018	00:35:27	16		0.0	8.39		0.0	End Water		
06/25/2018	00:36:00	16		0.0	8.39		0.0			
06/25/2018	00:36:28	17		0.0	8.39		0.0	Reset Total, Vol = 6 bbl		
06/25/2018	00:36:29	17		0.0	8.40		0.0	Start Pumping Spacer		
06/25/2018	00:37:00	17		0.0	8.41		0.0			
06/25/2018	00:38:00	17		0.0	8.39		0.0			
06/25/2018	00:39:00	18		0.0	8.23		0.0			
06/25/2018	00:40:00	302		4.2	11.15		1.6			
06/25/2018	00:41:00	255		4.2	10.98		5.8			
06/25/2018	00:42:00	132		2.2	11.03		9.9			
06/25/2018	00:43:00	104		2.1	11.21		11.9			
06/25/2018	00:44:00	140		2.2	11.22		14.1			
06/25/2018	00:45:00	401		2.0	11.15		16.1			
06/25/2018	00:46:00	138		2.1	11.14		19.1			
06/25/2018	00:47:00	99		1.9	11.17		21.1			
06/25/2018	00:48:00	141		4.2	11.18		24.3			
06/25/2018	00:49:00	130		4.2	11.17		28.6			
06/25/2018	00:50:00	244		5.4	11.21		34.6			
06/25/2018	00:51:00	375		4.8	11.08		39.6			
06/25/2018	00:52:00	74		1.8	11.07		43.5			
06/25/2018	00:53:00	350		5.1	11.10		47.7			
06/25/2018	00:54:00	169		5.1	11.00		52.8			
06/25/2018	00:55:00	88		2.0	11.00		55.9			
06/25/2018	00:55:52	7		0.0	11.00		0.0	End Spacer		
06/25/2018	00:55:53	7		0.0	11.00		0.0	Reset Total, Vol = 60.45 bbl		
06/25/2018	00:56:00	7		0.0	11.00		0.0			
06/25/2018	00:56:22	8		0.0	11.00		0.0	Water Sample Taken		
06/25/2018	00:57:00	8		0.0	11.00		0.0			
06/25/2018	00:58:00	8		0.0	11.00		0.0			
06/25/2018	00:59:00	81		2.3	12.33		1.7			
06/25/2018	00:59:57	119		2.2	12.40		3.8	Start Mixing Lead Slurry		
06/25/2018	00:59:59	88		2.3	12.40		3.9	Wet and Dry Samples Taken		
06/25/2018	01:00:00	119		2.3	12.40		3.9	Good Returns		
06/25/2018	01:01:00	120		2.3	12.40		6.1			
06/25/2018	01:02:00	104		2.3	12.36		8.3			
06/25/2018	01:03:00	97		2.2	12.52		10.6			
06/25/2018	01:04:00	80		2.2	12.38		12.8			
06/25/2018	01:05:00	86		2.3	12.36		15.0			
06/25/2018	01:06:00	3		2.3	12.85		17.2			
06/25/2018	01:07:00	16		2.3	12.82		19.5			
06/25/2018	01:08:00	19		2.2	12.87		21.7			
06/25/2018	01:09:00	18		2.3	12.95		23.9			
06/25/2018	01:10:00	20		2.3	12.13		26.1			
06/25/2018	01:10:13	20		2.2	15.40		26.6	Powdered Out 6 bbl, Shut Down		
06/25/2018	01:11:00	20		2.2	0.13		28.3			

Well Ruegge 3I-4H-N165 3I-4H-N165			Field DJ		Job Start Jun/24/2018		Customer Crestone Peak Resources		Job Number DZ6N-00401	
Date	Time 24-hr clock	Treating Pressure PSI		Flow Rate B/M	Density LB/G		Volume BBL		Message	
06/25/2018	01:13:00	17		0.0	10.46		28.7			
06/25/2018	01:14:00	54		2.2	11.03		30.6			
06/25/2018	01:15:00	35		0.0	11.13		31.2			
06/25/2018	01:15:11	37		0.0	11.12		31.2		Mix Fluid Sample Taken	
06/25/2018	01:16:00	16		0.0	12.25		31.2			
06/25/2018	01:17:00	23		1.0	11.85		31.8			
06/25/2018	01:18:00	5		2.3	11.72		34.0			
06/25/2018	01:19:00	5		0.0	10.26		34.7			
06/25/2018	01:20:00	88		2.2	12.48		36.7			
06/25/2018	01:21:00	274		4.1	12.42		40.2			
06/25/2018	01:22:00	331		4.1	11.80		44.1			
06/25/2018	01:23:00	43		0.0	12.59		44.3			
06/25/2018	01:24:00	35		1.0	0.18		45.6			
06/25/2018	01:25:00	31		2.5	0.17		47.3			
06/25/2018	01:26:00	31		3.9	0.18		50.5			
06/25/2018	01:27:00	31		0.0	10.99		53.5			
06/25/2018	01:28:00	30		0.0	11.02		53.5			
06/25/2018	01:29:00	282		2.0	12.23		53.9			
06/25/2018	01:30:00	232		4.2	12.37		58.0			
06/25/2018	01:31:00	249		4.2	12.39		62.1			
06/25/2018	01:32:00	261		4.2	12.39		66.3			
06/25/2018	01:33:00	245		4.1	12.40		70.0			
06/25/2018	01:34:00	247		4.1	12.42		74.1			
06/25/2018	01:35:00	241		4.1	12.38		78.2			
06/25/2018	01:36:00	245		4.1	12.45		82.3			
06/25/2018	01:37:00	268		4.1	12.57		86.5			
06/25/2018	01:38:00	272		4.1	12.68		90.5			
06/25/2018	01:39:00	270		4.1	12.68		94.7			
06/25/2018	01:40:00	278		4.1	12.71		98.8			
06/25/2018	01:41:00	253		4.2	12.47		102.9			
06/25/2018	01:42:00	284		4.1	12.70		107.0			
06/25/2018	01:43:00	236		4.1	12.38		111.2			
06/25/2018	01:44:00	92		2.2	12.33		114.4			
06/25/2018	01:45:00	85		2.2	12.19		116.6			
06/25/2018	01:46:00	19		0.0	12.63		118.0			
06/25/2018	01:47:00	28		1.4	10.93		118.0			
06/25/2018	01:48:00	29		0.0	13.34		118.1			
06/25/2018	01:49:00	28		0.0	13.39		118.1			
06/25/2018	01:50:00	27		0.0	12.67		118.2			
06/25/2018	01:51:00	237		4.2	12.34		119.3			
06/25/2018	01:52:00	85		2.1	12.56		122.0			
06/25/2018	01:53:00	95		2.2	12.53		124.1			
06/25/2018	01:54:00	95		2.2	12.57		126.3			
06/25/2018	01:55:00	98		2.2	12.61		128.5			
06/25/2018	01:56:00	94		2.2	12.47		130.7			
06/25/2018	01:57:00	92		2.2	12.39		132.9			
06/25/2018	01:58:00	91		2.2	12.51		135.1			
06/25/2018	01:59:00	93		2.2	12.60		137.3			
06/25/2018	02:00:00	100		2.2	12.62		139.4			
06/25/2018	02:01:00	88		2.1	12.63		141.6			
06/25/2018	02:02:00	101		2.2	12.65		143.7			
06/25/2018	02:03:00	94		2.1	12.61		145.9			
06/25/2018	02:04:00	247		4.2	12.51		150.0			
06/25/2018	02:05:00	92		2.7	12.51		154.1			

Well Ruegge 3I-4H-N165 3I-4H-N165			Field DJ		Job Start Jun/24/2018	Customer Crestone Peak Resources	Job Number DZ6N-00401
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
06/25/2018	02:07:00	78	2.1	12.49	159.4		
06/25/2018	02:08:00	88	2.2	12.58	161.5		
06/25/2018	02:09:00	82	2.1	12.54	163.7		
06/25/2018	02:10:00	87	2.1	12.47	165.8		
06/25/2018	02:11:00	88	2.2	12.46	168.0		
06/25/2018	02:12:00	89	2.2	12.34	170.2		
06/25/2018	02:13:00	89	2.2	12.56	172.4		
06/25/2018	02:14:00	100	2.2	12.59	174.6		
06/25/2018	02:15:00	88	2.1	12.50	176.6		
06/25/2018	02:16:00	150	3.0	12.68	179.5		
06/25/2018	02:17:00	200	2.8	12.71	182.5		
06/25/2018	02:18:00	94	2.8	12.82	185.4		
06/25/2018	02:19:00	130	2.9	12.54	188.2		
06/25/2018	02:20:00	158	2.7	12.44	191.1		
06/25/2018	02:21:00	108	2.7	12.40	193.9		
06/25/2018	02:22:00	110	2.8	12.41	196.6		
06/25/2018	02:23:00	128	2.7	12.54	199.5		
06/25/2018	02:24:00	144	2.8	12.60	202.3		
06/25/2018	02:25:00	126	3.0	12.66	205.1		
06/25/2018	02:26:00	27	0.0	12.95	207.4		
06/25/2018	02:27:00	103	2.2	12.11	208.4		
06/25/2018	02:28:00	8	0.4	12.26	210.3		
06/25/2018	02:29:00	9	0.0	12.34	210.4		
06/25/2018	02:30:00	9	0.0	12.33	210.4		
06/25/2018	02:31:00	9	0.0	12.33	0.0		
06/25/2018	02:32:00	9	0.0	12.33	0.0		
06/25/2018	02:33:00	9	0.0	12.01	0.1		
06/25/2018	02:33:11	9	0.0	11.89	0.1	End Lead Slurry	
06/25/2018	02:33:14	9	0.0	11.82	0.1	Reset Total, Vol = 216.47 bbl	
06/25/2018	02:34:00	9	0.0	10.98	0.2		
06/25/2018	02:35:00	9	0.0	10.78	0.2		
06/25/2018	02:36:00	9	0.0	10.72	0.2		
06/25/2018	02:37:00	10	0.1	10.59	0.3		
06/25/2018	02:38:00	9	0.0	10.26	0.3		
06/25/2018	02:39:00	9	0.0	10.58	0.3		
06/25/2018	02:40:00	179	3.3	13.86	0.5		
06/25/2018	02:41:00	195	3.2	13.60	2.6		
06/25/2018	02:41:08	206	3.2	13.62	3.1	Start Mixing Tail Slurry	
06/25/2018	02:42:00	594	6.3	13.73	8.1		
06/25/2018	02:43:00	533	6.3	13.45	14.5		
06/25/2018	02:43:16	523	6.3	13.58	16.2	Wet and Dry Samples Taken	
06/25/2018	02:43:17	509	6.3	13.58	16.3	Good Returns	
06/25/2018	02:44:00	536	6.3	13.70	20.8		
06/25/2018	02:45:00	514	6.3	13.60	27.2		
06/25/2018	02:46:00	530	6.4	13.67	33.5		
06/25/2018	02:47:00	538	6.3	13.68	39.8		
06/25/2018	02:48:00	513	6.3	13.68	46.2		
06/25/2018	02:49:00	503	6.3	13.54	52.6		
06/25/2018	02:50:00	514	6.4	13.67	58.9		
06/25/2018	02:51:00	512	6.3	13.69	65.3		
06/25/2018	02:52:00	690	8.0	13.58	71.8		
06/25/2018	02:53:00	667	7.6	13.68	79.5		
06/25/2018	02:54:00	637	7.6	13.42	87.1		
06/25/2018	02:55:00	630	7.7	13.49	94.7		

Well Ruegge 3I-4H-N165 3I-4H-N165			Field DJ		Job Start Jun/24/2018		Customer Crestone Peak Resources		Job Number DZ6N-00401	
Date	Time 24-hr clock	Treating Pressure PSI		Flow Rate B/M	Density LB/G		Volume BBL		Message	
06/25/2018	02:57:00	682		7.6	13.58		109.9			
06/25/2018	02:58:00	630		7.6	13.59		117.5			
06/25/2018	02:59:00	484		6.4	13.55		124.3			
06/25/2018	03:00:00	490		6.3	13.60		130.7			
06/25/2018	03:01:00	504		6.3	13.64		137.0			
06/25/2018	03:02:00	503		6.3	13.61		143.4			
06/25/2018	03:03:00	476		6.3	13.62		149.7			
06/25/2018	03:04:00	482		6.3	13.59		156.0			
06/25/2018	03:05:00	459		6.3	13.60		162.4			
06/25/2018	03:06:00	423		6.3	13.31		168.7			
06/25/2018	03:07:00	467		6.3	13.51		175.1			
06/25/2018	03:08:00	439		6.4	13.42		181.4			
06/25/2018	03:09:00	445		6.4	13.58		187.8			
06/25/2018	03:10:00	446		6.3	13.44		194.1			
06/25/2018	03:11:00	169		3.3	13.83		198.6			
06/25/2018	03:12:00	183		3.2	13.69		201.8			
06/25/2018	03:13:00	177		3.3	13.69		205.1			
06/25/2018	03:14:00	446		6.3	13.62		210.2			
06/25/2018	03:15:00	482		6.3	13.64		216.5			
06/25/2018	03:16:00	445		6.3	13.62		222.9			
06/25/2018	03:17:00	472		6.3	13.66		229.2			
06/25/2018	03:18:00	458		6.3	13.69		235.5			
06/25/2018	03:19:00	166		3.6	13.39		241.7			
06/25/2018	03:19:27	395		4.0	13.15		243.2		End Tail Slurry	
06/25/2018	03:20:00	413		6.3	13.31		246.6			
06/25/2018	03:20:13	59		3.5	13.35		247.9		Reset Total, Vol = 247.76 bbl	
06/25/2018	03:21:00	13		0.0	13.35		0.0			
06/25/2018	03:22:00	12		0.0	13.27		0.0			
06/25/2018	03:23:00	14		0.0	13.28		0.0			
06/25/2018	03:24:00	13		0.0	13.28		0.0			
06/25/2018	03:25:00	14		0.0	13.28		0.0			
06/25/2018	03:25:17	14		0.0	13.28		0.0		Washup Pump and Line	
06/25/2018	03:26:00	13		0.0	13.28		0.0			
06/25/2018	03:27:00	13		0.0	13.28		0.0			
06/25/2018	03:28:00	14		1.8	9.93		1.6			
06/25/2018	03:29:00	12		0.1	10.30		4.0			
06/25/2018	03:30:00	4		0.1	9.75		4.1			
06/25/2018	03:31:00	4		0.0	9.15		4.1			
06/25/2018	03:32:00	15		1.6	8.52		4.6			
06/25/2018	03:33:00	4		0.0	8.74		6.7			
06/25/2018	03:34:00	68		3.1	8.59		7.7			
06/25/2018	03:35:00	18		1.7	8.30		10.6			
06/25/2018	03:36:00	63		2.9	8.46		12.9			
06/25/2018	03:37:00	39		4.1	8.52		16.0			
06/25/2018	03:38:00	13		0.0	8.47		19.2			
06/25/2018	03:39:00	5		0.0	8.47		19.2			
06/25/2018	03:39:19	5		0.0	8.47		19.2		Reset Total, Vol = 30.23 bbl	
06/25/2018	03:39:21	5		0.0	8.47		19.2		Drop Top Plug	
06/25/2018	03:39:22	5		0.0	8.47		19.2		Start Displacement	
06/25/2018	03:40:00	10		0.0	8.45		0.0			
06/25/2018	03:41:00	134		5.2	8.48		2.5			
06/25/2018	03:42:00	162		6.3	8.42		8.4			
06/25/2018	03:43:00	304		8.1	8.42		15.3			
06/25/2018	03:44:00	1319		8.0	8.42		23.4			

Well			Field		Job Start	Customer	Job Number
Ruegge 3I-4H-N165 3I-4H-N165			DJ		Jun/24/2018	Crestone Peak Resources	DZ6N-00401
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
06/25/2018	03:45:00	721	8.0	8.40	30.3		
06/25/2018	03:45:19	750	8.0	8.40	32.9	Biocide Throughout Displacement	
06/25/2018	03:46:00	686	8.0	8.40	38.3		
06/25/2018	03:47:00	870	8.0	8.40	46.3		
06/25/2018	03:48:00	920	8.0	8.40	54.3		
06/25/2018	03:49:00	1010	8.0	8.40	62.3		
06/25/2018	03:50:00	1166	8.0	8.40	70.3		
06/25/2018	03:51:00	1167	8.0	8.40	78.4		
06/25/2018	03:52:00	1374	8.0	8.40	86.4		
06/25/2018	03:53:00	1454	8.0	8.40	94.4		
06/25/2018	03:54:00	1519	8.0	8.40	102.4		
06/25/2018	03:55:00	1689	8.0	8.40	110.4		
06/25/2018	03:56:00	1732	8.0	8.40	118.5		
06/25/2018	03:57:00	1880	8.0	8.40	126.5		
06/25/2018	03:58:00	1992	8.0	8.39	134.4		
06/25/2018	03:59:00	2041	8.0	8.39	142.4		
06/25/2018	04:00:00	2254	7.9	8.39	150.4		
06/25/2018	04:01:00	2271	7.9	8.39	158.3		
06/25/2018	04:02:00	2413	7.9	8.39	166.3		
06/25/2018	04:03:00	2394	7.9	8.39	174.2		
06/25/2018	04:04:00	2419	7.9	8.39	182.2		
06/25/2018	04:05:00	2482	8.0	8.39	190.1		
06/25/2018	04:06:00	2448	7.9	8.39	198.1		
06/25/2018	04:07:00	2556	8.0	8.39	206.0		
06/25/2018	04:08:00	2517	7.9	8.39	213.9		
06/25/2018	04:09:00	2571	7.9	8.39	221.9		
06/25/2018	04:10:00	2593	7.9	8.39	229.8		
06/25/2018	04:11:00	2312	4.5	8.39	237.0		
06/25/2018	04:12:00	2347	5.4	8.47	241.9		
06/25/2018	04:13:00	2288	5.3	8.39	247.2		
06/25/2018	04:14:00	2328	5.3	8.39	252.5		
06/25/2018	04:15:00	2386	5.3	8.39	257.8		
06/25/2018	04:16:00	2326	5.2	8.40	263.0		
06/25/2018	04:17:00	2851	5.2	8.40	268.3		
06/25/2018	04:18:00	3226	0.0	8.40	268.7		
06/25/2018	04:18:34	3150	0.0	8.40	268.7	Bump Top Plug 2300-3200	
06/25/2018	04:18:35	3225	0.0	8.40	268.7	End Displacement	
06/25/2018	04:18:37	3180	0.0	8.40	268.7	20 bbls Spacer to Surface	
06/25/2018	04:18:40	3239	0.0	8.40	268.7	Reset Total, Vol = 263.4 bbl	
06/25/2018	04:19:00	3214	0.0	8.40	268.7		
06/25/2018	04:20:00	3254	0.0	8.40	268.7		
06/25/2018	04:20:49	2460	0.0	8.40	268.7	Bleed Off	
06/25/2018	04:20:50	2094	0.0	8.40	268.7	Floats Hold, 3 bbls Back	
06/25/2018	04:21:00	524	0.0	8.40	268.7		
06/25/2018	04:21:39	2	0.0	8.40	268.7	Rig Up to Flush Stack	
06/25/2018	04:21:41	2	0.0	8.40	268.7	Flush Stack w/Sugar Water	
06/25/2018	04:22:00	3	0.0	8.40	268.7		
06/25/2018	04:23:00	14	0.0	8.40	268.7		
06/25/2018	04:24:00	28	0.0	8.41	268.7		
06/25/2018	04:25:00	11	0.0	8.41	268.7		
06/25/2018	04:26:00	15	0.0	8.41	268.7		
06/25/2018	04:27:00	15	0.0	8.41	268.8		
06/25/2018	04:28:00	59	0.0	8.51	0.0		

Well Ruegge 3I-4H-N165 3I-4H-N165	Field DJ	Job Start Jun/24/2018	Customer Crestone Peak Resources	Job Number DZ6N-00401
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Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl					
Slurry 4.0	N2	Mud	Maximum Rate 25.0		Total Slurry 465.0	Mud 0.0	Spacer 60.0	N2		
Treating Pressure Summary, psi					Breakdown Fluid					
Maximum 8181	Final 59	Average 627	Bump Plug to 3300	Breakdown	Type		Volume bbl		Density lb/gal	
Avg. N2 Percent %		Designed Slurry Volume 0.0 bbl		Displacement 263.4 bbl		Mix Water Temp 74 degF		Cement Circulated to Surface? <input type="checkbox"/>		Volume bbl
								Washed Thru Perfs <input type="checkbox"/>		To ft
Customer or Authorized Representative Larry Candelaria				Schlumberger Supervisor Ryan Drilling				Circulation Lost <input type="checkbox"/>		Job Completed <input checked="" type="checkbox"/>
								-		-