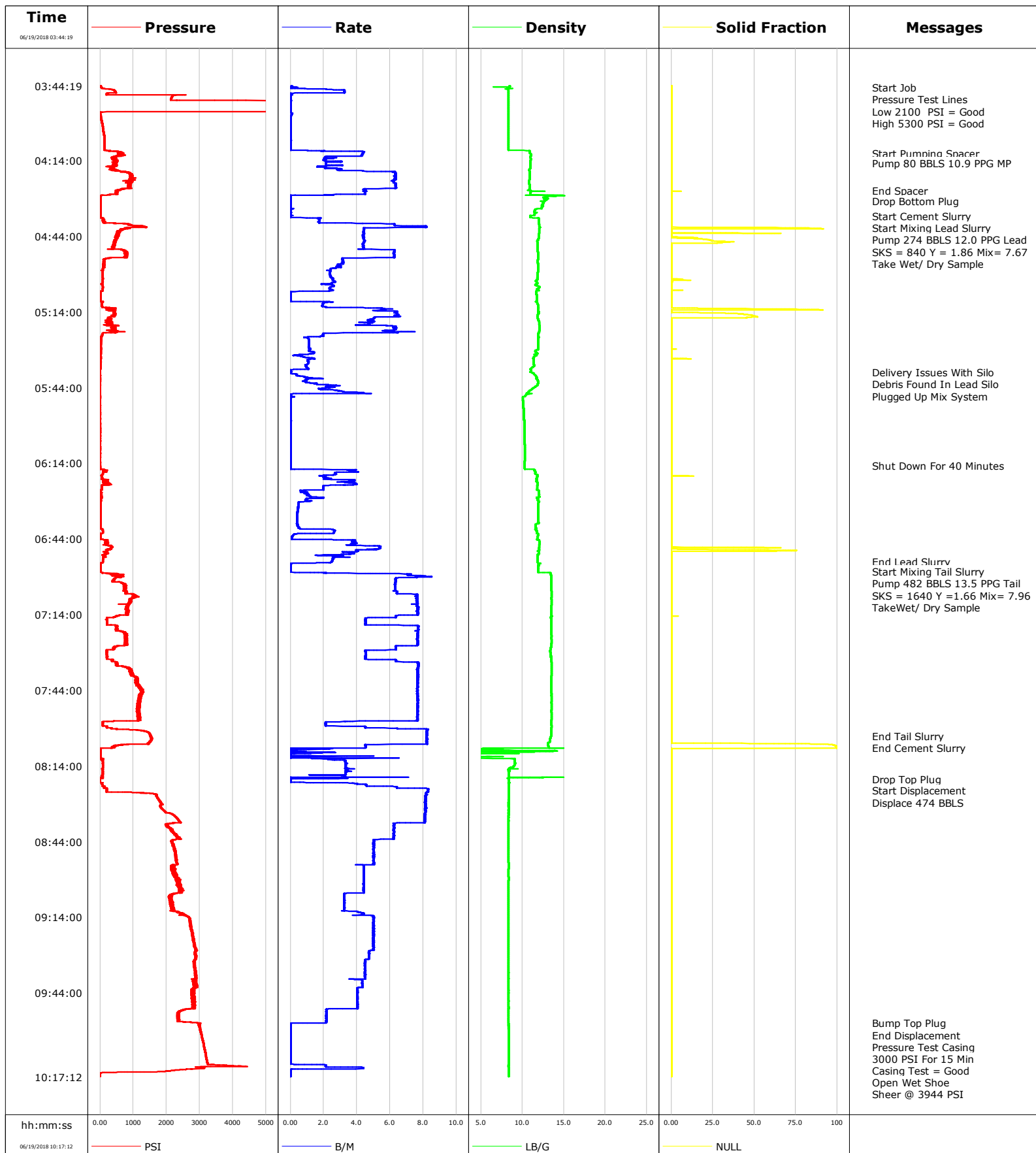


Well English Farms 8-13HZ
Field Wattenberg
Engineer Conley Jensen/ Sheldon Bell
Country United States

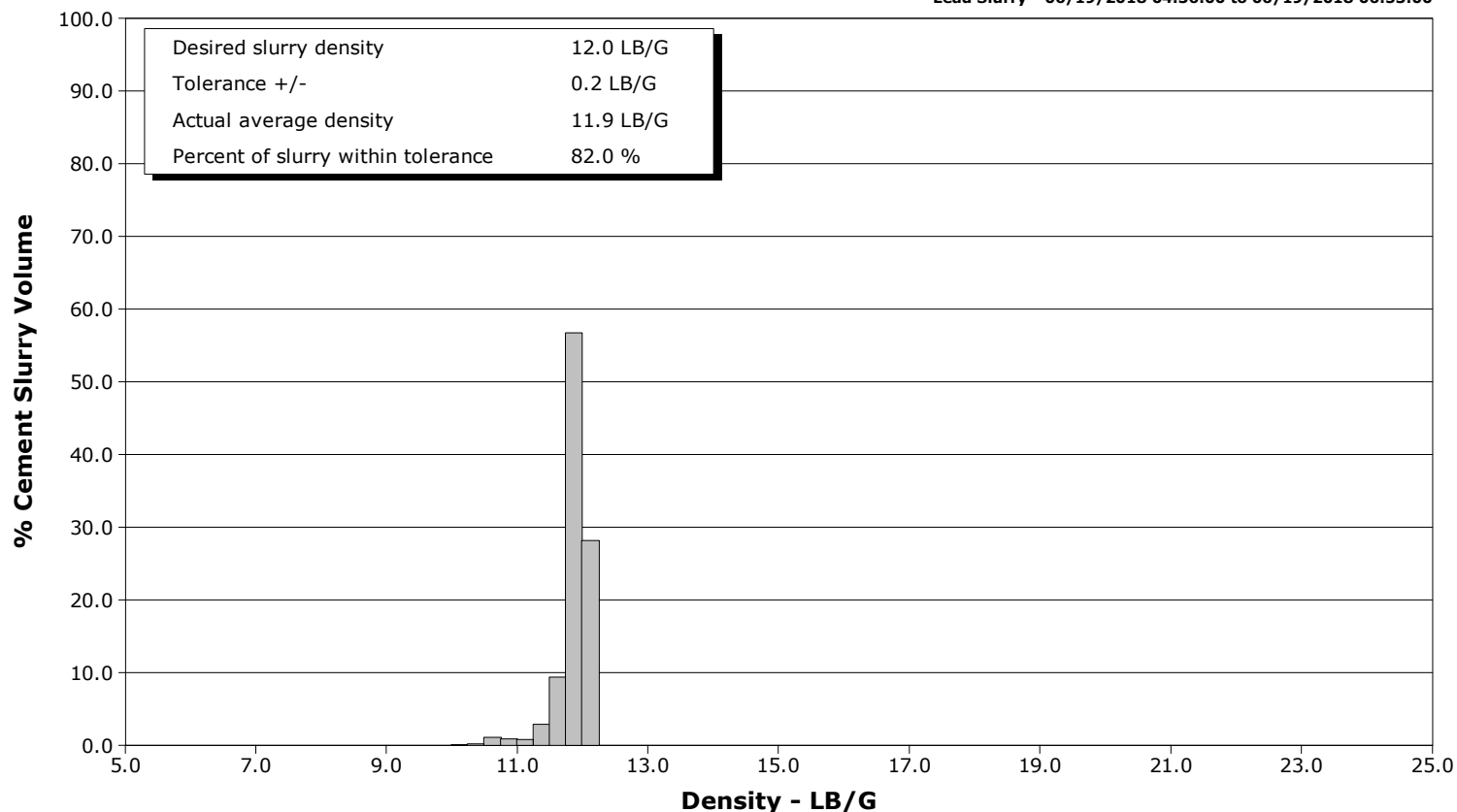
Client Anadarko
SIR No. 2741212
Job Type 5.5" Monobore
Job Date 06-19-2018



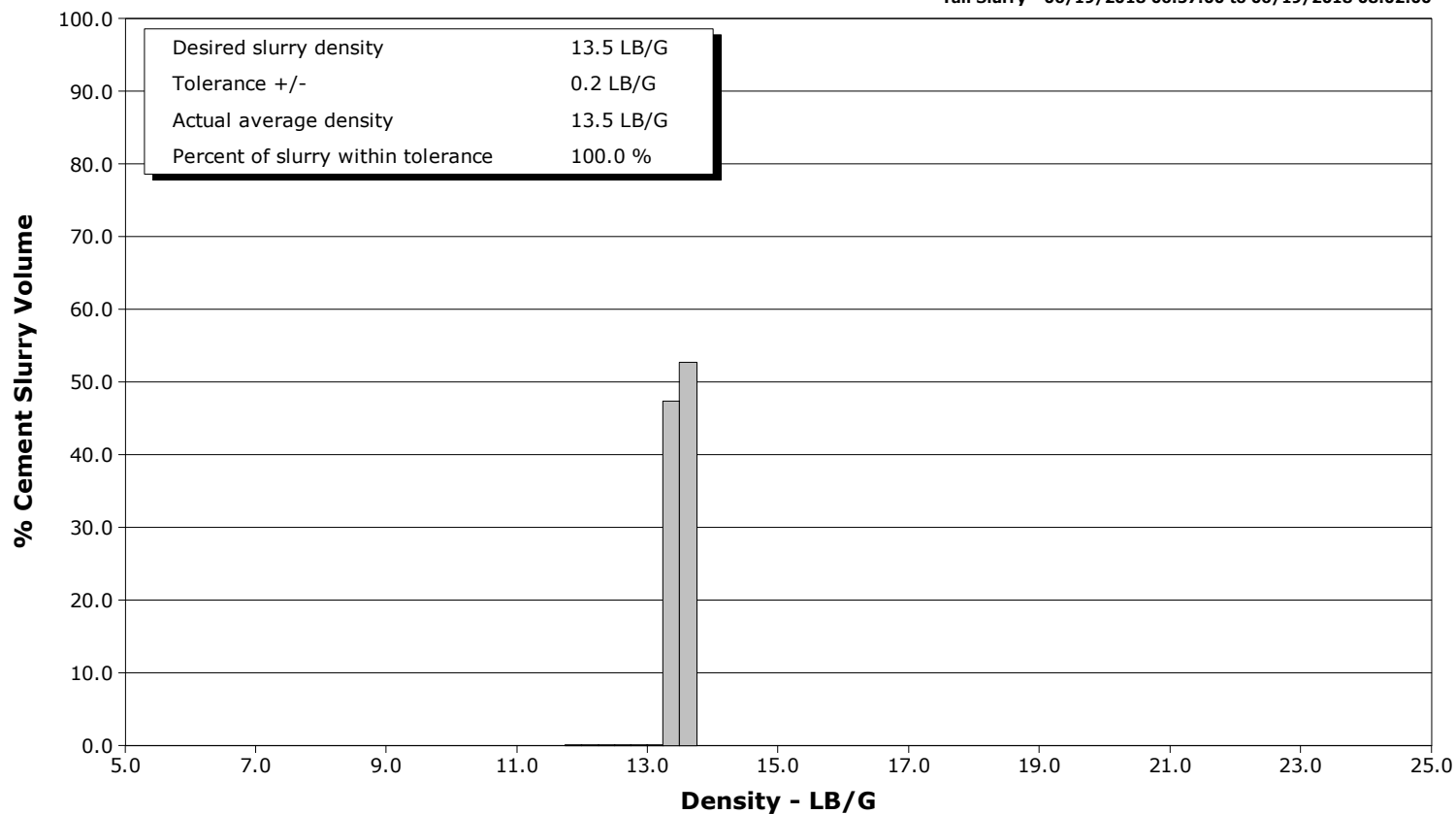
Well English Farms 8-13HZ
Field Wattenberg
Engineer Conley Jensen/ Sheldon Bell
Country United States

Client Anadarko
SIR No. 2741212
Job Type 5.5" Monobore
Job Date 06-19-2018

Lead Slurry - 06/19/2018 04:36:00 to 06/19/2018 06:53:00



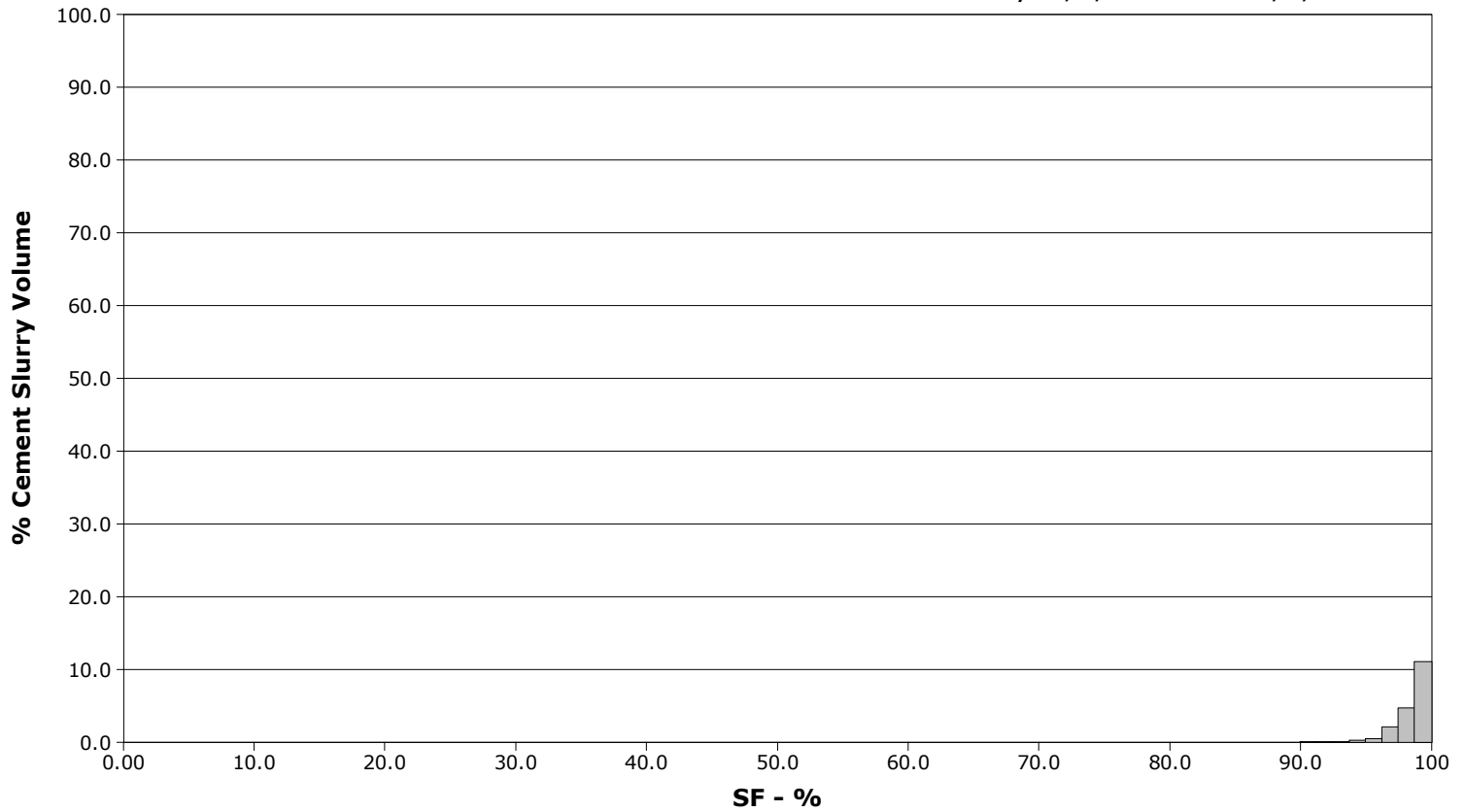
Tail Slurry - 06/19/2018 06:57:00 to 06/19/2018 08:02:00



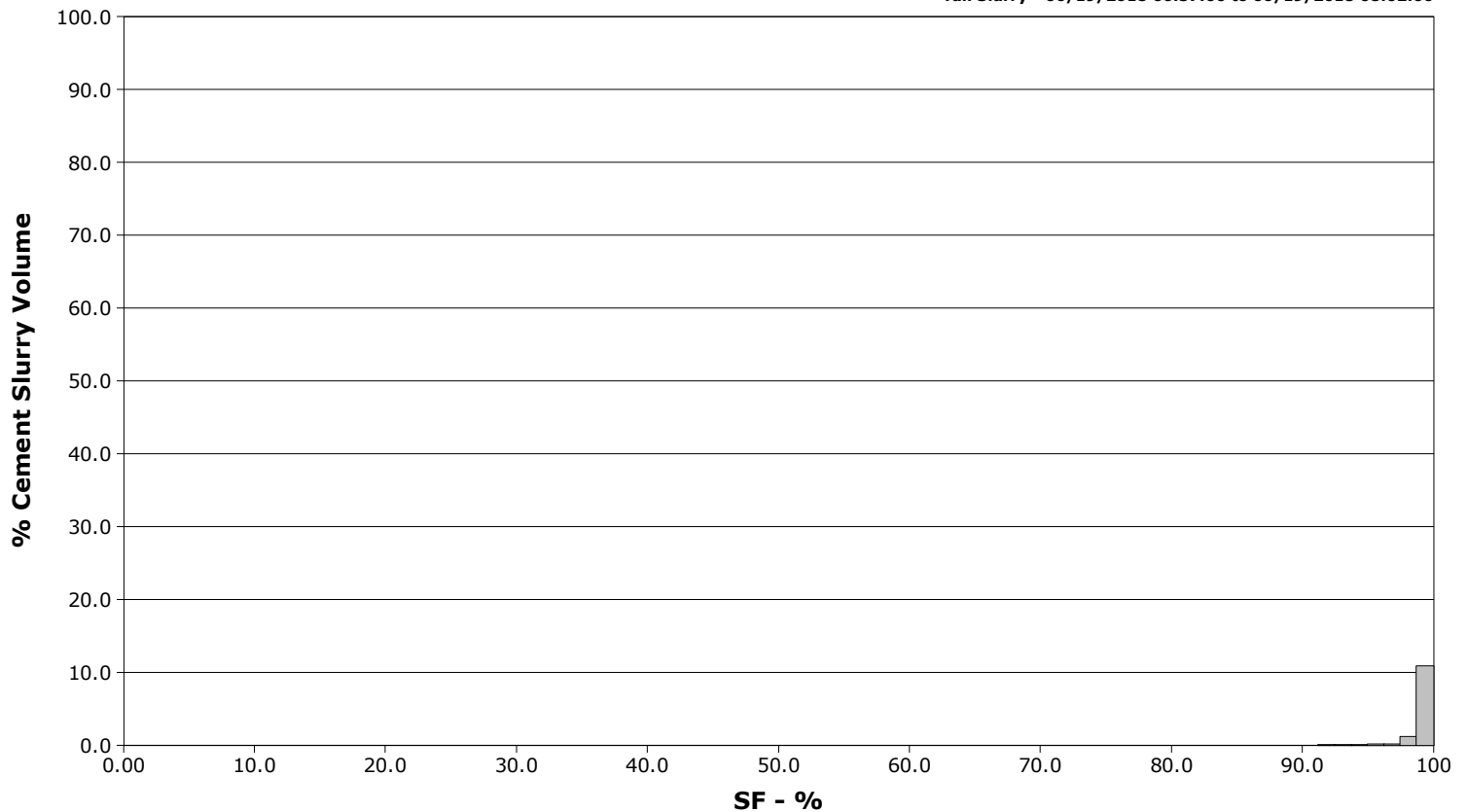
Well English Farms 8-13HZ
Field Wattenberg
Engineer Conley Jensen/ Sheldon Bell
Country United States

Client Anadarko
SIR No. 2741212
Job Type 5.5" Monobore
Job Date 06-19-2018

Lead Slurry - 06/19/2018 04:36:00 to 06/19/2018 06:53:00



Tail Slurry - 06/19/2018 06:57:00 to 06/19/2018 08:02:00



Page 1 of 7

Well			Field	Job Start		Customer		Job Number	
English Farms 8-13HZ 8-13HZ			Wattenberg		Jun/19/2018		Anadarko		2741212
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
06/19/2018	04:11:00	550	4.4	10.90	3.8	Start Pumping Spacer			
06/19/2018	04:11:19	572	4.4	10.98	5.1				
06/19/2018	04:12:49	361	2.1	10.97	10.4				
06/19/2018	04:15:00	452	2.1	10.95	15.4	Pump 80 BBLS 10.9 PPG MP			
06/19/2018	04:15:49	424	3.1	10.93	17.2				
06/19/2018	04:17:19	438	3.1	10.90	20.6				
06/19/2018	04:18:49	913	6.3	10.91	27.3				
06/19/2018	04:20:19	954	6.3	10.90	36.8				
06/19/2018	04:21:49	985	6.2	10.85	46.3				
06/19/2018	04:23:19	912	6.3	10.86	55.6				
06/19/2018	04:24:49	926	6.4	10.89	65.2				
06/19/2018	04:26:00	544	4.5	10.99	71.0	End Spacer			
06/19/2018	04:26:19	507	4.5	11.01	72.4				
06/19/2018	04:27:49	43	0.0	13.11	78.1				
06/19/2018	04:29:19	6	0.0	12.77	0.0				
06/19/2018	04:30:00	5	0.0	12.70	0.0	Drop Bottom Plug			
06/19/2018	04:30:49	6	0.0	12.49	0.0				
06/19/2018	04:32:19	6	0.0	12.37	0.0				
06/19/2018	04:33:49	5	0.0	11.49	0.0				
06/19/2018	04:35:19	5	0.0	11.46	0.0				
06/19/2018	04:36:00	5	0.0	10.93	0.0	Start Cement Slurry			
06/19/2018	04:36:49	65	1.8	11.95	0.3				
06/19/2018	04:38:19	155	1.7	11.97	2.9				
06/19/2018	04:39:49	1232	7.0	12.03	9.6				
06/19/2018	04:40:00	1297	8.2	12.06	11.1	Pump 274 BBLS 12.0 PPG Lead			
06/19/2018	04:41:19	599	4.4	12.03	19.1				
06/19/2018	04:42:49	569	4.4	12.02	25.8				
06/19/2018	04:44:00	523	4.4	11.99	31.0	SKS = 840 Y = 1.86 Mix= 7.67			
06/19/2018	04:44:19	500	4.4	11.98	32.4				
06/19/2018	04:45:00	482	4.4	11.95	35.4	Take Wet/ Dry Sample			
06/19/2018	04:45:49	443	4.5	11.79	39.0				
06/19/2018	04:47:19	422	4.4	11.85	45.6				
06/19/2018	04:48:49	417	4.4	11.86	52.2				
06/19/2018	04:50:19	814	6.2	11.90	60.8				
06/19/2018	04:51:49	803	6.3	11.93	70.2				
06/19/2018	04:53:19	146	3.1	11.88	77.3				
06/19/2018	04:54:49	138	3.2	11.89	82.0				
06/19/2018	04:56:19	150	3.0	11.92	86.5				
06/19/2018	04:57:49	74	2.4	11.90	90.2				
06/19/2018	04:59:19	70	2.4	11.83	93.8				
06/19/2018	05:00:49	77	2.6	11.83	97.5				
06/19/2018	05:02:19	71	2.5	11.77	101.4				
06/19/2018	05:03:49	74	2.6	11.94	105.0				
06/19/2018	05:05:19	74	2.5	11.90	108.6				
06/19/2018	05:06:49	5	0.0	11.71	109.9				
06/19/2018	05:08:19	5	0.0	11.72	109.9				
06/19/2018	05:11:19	55	1.9	11.91	112.9				
06/19/2018	05:12:49	321	6.1	11.94	117.6				
06/19/2018	05:14:19	426	6.3	11.94	126.5				
06/19/2018	05:15:49	450	6.6	11.85	136.2				
06/19/2018	05:17:19	284	4.7	11.94	143.9				
06/19/2018	05:18:49	218	4.7	12.05	151.1				
06/19/2018	05:20:19	390	6.4	12.09	159.5				
06/19/2018	05:21:49	741	6.7	12.04	168.7				

Well			Field		Job Start		Customer		Job Number	
English Farms 8-13HZ 8-13HZ			Wattenberg		Jun/19/2018		Anadarko		2741212	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
06/19/2018	05:24:49	31	1.1	11.91	176.0					
06/19/2018	05:26:19	29	1.1	11.91	177.7					
06/19/2018	05:27:49	28	1.1	11.91	179.4					
06/19/2018	05:29:19	29	1.1	11.60	181.1					
06/19/2018	05:30:49	16	1.0	11.46	183.0					
06/19/2018	05:32:19	20	1.3	11.33	184.0					
06/19/2018	05:33:49	15	1.1	11.39	185.8					
06/19/2018	05:35:19	9	0.9	11.44	187.3					
06/19/2018	05:36:49	0	0.4	10.97	188.8					
06/19/2018	05:38:00	-1	0.0	11.10	188.8	Delivery Issues With Silo				
06/19/2018	05:38:19	-1	0.0	11.35	188.8					
06/19/2018	05:39:00	-1	0.4	11.53	189.0	Debris Found In Lead Silo				
06/19/2018	05:39:49	-0	0.9	11.72	189.5					
06/19/2018	05:41:19	-1	0.9	11.88	191.2					
06/19/2018	05:42:49	-1	2.1	11.87	193.0					
06/19/2018	05:44:19	-0	1.8	11.26	196.5					
06/19/2018	05:45:00	-0	2.8	11.00	197.9	Plugged Up Mix System				
06/19/2018	05:45:49	-1	3.8	10.71	200.4					
06/19/2018	05:47:19	-1	0.0	10.35	202.9					
06/19/2018	05:48:49	-1	0.0	10.08	203.0					
06/19/2018	05:50:19	-1	0.0	10.11	203.0					
06/19/2018	05:51:49	-1	0.0	10.15	203.0					
06/19/2018	05:53:19	-0	0.0	10.17	203.1					
06/19/2018	05:54:49	-1	0.0	10.18	203.1					
06/19/2018	05:56:19	-0	0.0	10.20	203.1					
06/19/2018	05:57:49	-1	0.0	10.22	203.1					
06/19/2018	05:59:19	0	0.0	10.24	203.2					
06/19/2018	06:00:49	-0	0.0	10.25	203.2					
06/19/2018	06:02:19	-1	0.0	10.26	203.2					
06/19/2018	06:03:49	-0	0.0	10.26	203.3					
06/19/2018	06:06:49	-0	0.0	10.27	203.3					
06/19/2018	06:08:19	0	0.0	10.27	203.4					
06/19/2018	06:09:49	-1	0.0	10.28	203.4					
06/19/2018	06:11:19	0	0.0	10.29	203.4					
06/19/2018	06:12:49	-0	0.0	10.28	203.4					
06/19/2018	06:14:19	0	0.0	10.26	203.4					
06/19/2018	06:15:00	0	0.0	10.26	203.4	Shut Down For 40 Minutes				
06/19/2018	06:15:49	-0	0.0	10.26	203.5					
06/19/2018	06:17:19	193	3.9	11.57	206.7					
06/19/2018	06:18:49	51	2.0	11.82	211.0					
06/19/2018	06:20:19	48	2.1	11.68	214.1					
06/19/2018	06:21:49	116	3.8	11.88	219.4					
06/19/2018	06:23:19	53	2.0	11.79	224.1					
06/19/2018	06:24:49	12	0.6	11.95	226.8					
06/19/2018	06:26:19	18	1.1	12.04	228.1					
06/19/2018	06:27:49	51	2.0	11.73	230.1					
06/19/2018	06:29:19	12	0.5	11.96	231.7					
06/19/2018	06:30:49	10	0.5	11.94	232.4					
06/19/2018	06:32:19	12	0.4	11.94	233.0					
06/19/2018	06:33:49	8	0.4	11.94	233.7					
06/19/2018	06:35:19	11	0.4	11.94	234.3					
06/19/2018	06:36:49	10	0.4	11.94	234.9					
06/19/2018	06:38:19	9	0.4	11.61	235.5					
06/19/2018	06:39:49	9	0.6	11.67	236.2					

Well			Field	Job Start		Customer		Job Number	
English Farms 8-13HZ 8-13HZ			Wattenberg		Jun/19/2018		Anadarko		2741212
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
06/19/2018	06:42:49	5	0.1	11.89	241.1				
06/19/2018	06:44:19	121	2.8	11.81	241.5				
06/19/2018	06:45:49	152	3.9	12.09	247.2				
06/19/2018	06:47:19	361	5.4	12.03	253.9				
06/19/2018	06:48:49	215	4.1	11.87	261.1				
06/19/2018	06:50:19	90	2.7	11.84	266.5				
06/19/2018	06:51:49	100	2.6	11.85	270.4				
06/19/2018	06:53:00	84	2.5	11.85	273.4	End Lead Slurry			
06/19/2018	06:53:19	76	2.4	11.85	274.2				
06/19/2018	06:54:49	9	0.0	11.95	0.0				
06/19/2018	06:56:19	8	0.0	11.90	0.0				
06/19/2018	06:57:00	8	0.0	11.90	0.0	Start Mixing Tail Slurry			
06/19/2018	06:57:49	465	6.6	13.43	1.7				
06/19/2018	06:59:19	493	7.4	13.46	12.9				
06/19/2018	07:00:00	437	6.3	13.47	17.3	Pump 482 BBLS 13.5 PPG Tail			
06/19/2018	07:00:49	380	6.3	13.48	22.4				
06/19/2018	07:02:19	746	6.3	13.49	32.0				
06/19/2018	07:03:49	778	6.3	13.50	41.5				
06/19/2018	07:05:00	749	6.4	13.51	49.0	SKS = 1640 Y =1.66 Mix= 7.96			
06/19/2018	07:05:19	823	6.4	13.51	51.0				
06/19/2018	07:06:49	1117	7.6	13.51	61.9				
06/19/2018	07:08:19	901	7.6	13.51	73.3				
06/19/2018	07:09:49	564	7.6	13.51	84.8				
06/19/2018	07:10:00	870	7.7	13.51	86.2	TakeWet/ Dry Sample			
06/19/2018	07:11:19	786	7.7	13.49	96.3				
06/19/2018	07:12:49	793	7.7	13.50	107.8				
06/19/2018	07:14:19	540	6.4	13.48	119.2				
06/19/2018	07:15:49	209	4.5	13.46	127.7				
06/19/2018	07:17:19	198	4.5	13.48	134.5				
06/19/2018	07:18:49	481	7.7	13.47	143.2				
06/19/2018	07:20:19	518	7.7	13.49	154.7				
06/19/2018	07:21:49	799	7.6	13.50	166.3				
06/19/2018	07:23:19	822	7.7	13.50	177.8				
06/19/2018	07:24:49	786	7.7	13.52	189.3				
06/19/2018	07:26:19	577	6.8	13.48	200.8				
06/19/2018	07:27:49	392	6.4	13.40	210.4				
06/19/2018	07:29:19	208	4.5	13.40	217.6				
06/19/2018	07:30:49	213	4.5	13.44	224.4				
06/19/2018	07:32:19	383	6.4	13.50	232.1				
06/19/2018	07:33:49	526	7.7	13.52	243.1				
06/19/2018	07:35:19	853	7.7	13.51	254.7				
06/19/2018	07:36:49	964	7.7	13.52	266.2				
06/19/2018	07:38:19	936	7.7	13.50	277.7				
06/19/2018	07:39:49	1114	7.7	13.49	289.2				
06/19/2018	07:41:19	1153	7.7	13.49	300.8				
06/19/2018	07:42:49	1196	7.7	13.48	312.3				
06/19/2018	07:44:19	1229	7.7	13.49	323.8				
06/19/2018	07:45:49	1177	7.7	13.51	335.3				
06/19/2018	07:47:19	1214	7.7	13.51	346.8				
06/19/2018	07:48:49	1125	7.7	13.50	358.3				
06/19/2018	07:50:19	1172	7.6	13.54	369.8				
06/19/2018	07:51:49	1108	7.6	13.52	381.3				
06/19/2018	07:53:19	1158	7.7	13.53	392.8				
06/19/2018	07:54:49	1150	7.7	13.55	404.3				

Well English Farms 8-13HZ 8-13HZ			Field Wattenberg		Job Start Jun/19/2018		Customer Anadarko		Job Number 2741212	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
06/19/2018	07:59:19	497	8.1	13.49	425.2					
06/19/2018	08:00:49	1474	8.3	13.48	437.6					
06/19/2018	08:02:00	1526	8.2	13.45	447.3	End Tail Slurry				
06/19/2018	08:02:19	1520	8.2	13.45	449.9					
06/19/2018	08:03:00	1555	8.2	13.39	455.6	End Cement Slurry				
06/19/2018	08:03:49	1535	8.2	13.36	462.3					
06/19/2018	08:05:19	1481	8.2	13.13	474.6					
06/19/2018	08:06:49	412	4.5	13.22	482.0					
06/19/2018	08:08:19	6	0.2	2.21	483.3					
06/19/2018	08:09:49	7	0.0	0.14	484.0					
06/19/2018	08:11:19	54	2.2	9.05	486.0					
06/19/2018	08:12:49	76	3.3	9.13	490.7					
06/19/2018	08:14:19	77	3.3	8.94	495.7					
06/19/2018	08:15:49	73	3.3	8.41	500.8					
06/19/2018	08:17:19	84	3.3	8.38	505.8					
06/19/2018	08:18:49	74	3.3	8.23	509.7					
06/19/2018	08:19:00	5	2.3	8.35	510.3	Drop Top Plug				
06/19/2018	08:20:00	-2	0.0	8.36	0.0	Start Displacement				
06/19/2018	08:20:19	-2	0.0	8.35	0.0					
06/19/2018	08:21:49	67	4.6	8.40	5.0					
06/19/2018	08:23:19	201	8.3	8.36	15.0					
06/19/2018	08:24:49	1499	8.1	8.36	27.4					
06/19/2018	08:25:00	1597	8.2	8.36	28.9	Displace 474 BBLS				
06/19/2018	08:26:19	1713	8.2	8.35	39.7					
06/19/2018	08:27:49	1784	8.2	8.35	51.9					
06/19/2018	08:29:19	1865	8.2	8.35	64.1					
06/19/2018	08:30:49	1868	8.1	8.36	76.4					
06/19/2018	08:32:19	1972	8.1	8.35	88.6					
06/19/2018	08:33:49	2253	8.1	8.35	100.8					
06/19/2018	08:35:19	2362	8.1	8.35	112.9					
06/19/2018	08:36:49	2106	6.2	8.35	124.7					
06/19/2018	08:38:19	2077	6.3	8.35	134.1					
06/19/2018	08:39:49	2175	6.3	8.35	143.4					
06/19/2018	08:41:19	2260	6.2	8.35	152.8					
06/19/2018	08:42:49	2389	6.2	8.35	162.1					
06/19/2018	08:44:19	2169	5.0	8.35	170.0					
06/19/2018	08:45:49	2204	5.0	8.35	177.5					
06/19/2018	08:47:19	2269	5.0	8.35	185.1					
06/19/2018	08:48:49	2289	5.0	8.35	192.6					
06/19/2018	08:50:19	2298	5.0	8.35	200.1					
06/19/2018	08:51:49	2295	5.0	8.35	207.6					
06/19/2018	08:53:19	2283	4.4	8.37	215.1					
06/19/2018	08:54:49	2276	4.4	8.35	221.7					
06/19/2018	08:56:19	2208	4.4	8.35	228.3					
06/19/2018	08:57:49	2289	4.4	8.35	234.9					
06/19/2018	08:59:19	2306	4.4	8.35	241.6					
06/19/2018	09:00:49	2372	4.4	8.35	248.2					
06/19/2018	09:02:19	2424	4.4	8.35	254.8					
06/19/2018	09:03:49	2477	4.4	8.35	261.4					
06/19/2018	09:05:19	2087	3.3	8.35	267.0					
06/19/2018	09:06:49	2115	3.2	8.35	271.9					
06/19/2018	09:08:19	2194	3.2	8.35	276.8					
06/19/2018	09:09:49	2181	3.3	8.35	281.6					
06/19/2018	09:11:19	2176	3.3	8.35	286.5					

Well			Field	Job Start		Customer	Job Number	
English Farms 8-13HZ 8-13HZ			Wattenberg		Jun/19/2018		Anadarko	2741212
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
06/19/2018	09:14:19	2691	5.0	8.35	299.9			
06/19/2018	09:15:49	2719	5.0	8.35	307.4			
06/19/2018	09:17:19	2748	5.0	8.35	314.9			
06/19/2018	09:18:49	2772	5.0	8.35	322.4			
06/19/2018	09:20:19	2807	5.0	8.35	329.9			
06/19/2018	09:21:49	2810	5.0	8.35	337.5			
06/19/2018	09:23:19	2818	5.0	8.35	345.0			
06/19/2018	09:24:49	2826	5.0	8.35	352.5			
06/19/2018	09:26:19	2883	5.0	8.35	360.0			
06/19/2018	09:27:49	2851	4.7	8.35	367.3			
06/19/2018	09:29:19	2878	4.7	8.35	374.4			
06/19/2018	09:30:49	2879	4.5	8.35	381.5			
06/19/2018	09:32:19	2864	4.5	8.35	388.3			
06/19/2018	09:33:49	2872	4.5	8.35	395.0			
06/19/2018	09:35:19	2877	4.5	8.35	401.7			
06/19/2018	09:36:49	2921	4.5	8.35	408.6			
06/19/2018	09:38:19	2882	4.5	8.35	415.3			
06/19/2018	09:39:49	2812	4.3	8.35	421.8			
06/19/2018	09:41:19	2838	4.3	8.35	428.3			
06/19/2018	09:42:49	2794	4.0	8.35	434.5			
06/19/2018	09:44:19	2820	4.0	8.35	440.5			
06/19/2018	09:45:49	2780	4.0	8.35	446.6			
06/19/2018	09:47:19	2797	4.0	8.35	452.6			
06/19/2018	09:48:49	2775	4.0	8.35	458.7			
06/19/2018	09:50:19	2673	2.4	8.35	464.7			
06/19/2018	09:51:49	2337	2.2	8.35	468.0			
06/19/2018	09:53:19	2392	2.2	8.35	471.2			
06/19/2018	09:54:49	2358	2.2	8.35	474.4			
06/19/2018	09:56:00	2984	0.1	8.35	476.8	Bump Top Plug		
06/19/2018	09:56:19	2977	0.0	8.35	476.9			
06/19/2018	09:57:00	2979	0.0	8.35	476.9	3000 PSI For 15 Min		
06/19/2018	09:57:49	3021	0.0	8.35	476.9			
06/19/2018	09:59:19	3036	0.0	8.36	476.9			
06/19/2018	10:00:49	3064	0.0	8.36	476.9			
06/19/2018	10:02:19	3092	0.0	8.36	476.9			
06/19/2018	10:03:49	3115	0.0	8.36	476.9			
06/19/2018	10:05:19	3140	0.0	8.36	476.9			
06/19/2018	10:06:49	3163	0.0	8.36	476.9			
06/19/2018	10:08:19	3186	0.0	8.36	476.9			
06/19/2018	10:09:49	3208	0.0	8.36	476.9			
06/19/2018	10:11:00	3226	0.0	8.36	476.9	Casing Test = Good		
06/19/2018	10:11:01	3226	0.0	8.36	476.9	Open Wet Shoe		
06/19/2018	10:11:19	3230	0.0	8.36	476.9			
06/19/2018	10:12:00	3239	0.0	8.36	0.0	Sheer @ 3944 PSI		
06/19/2018	10:12:49	3944	2.1	8.35	0.9			
06/19/2018	10:13:00	4227	2.1	8.35	1.3	Pump 3 BBLS		
06/19/2018	10:14:19	2570	0.0	8.36	3.4			
06/19/2018	10:15:00	2017	0.0	8.36	3.4	Floats Holding 3.5 BBLS Back		

Well English Farms 8-13HZ 8-13HZ	Field Wattenberg	Job Start Jun/19/2018	Customer Anadarko	Job Number 2741212
--	----------------------------	---------------------------------	-----------------------------	------------------------------

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl						
Slurry	N2	Mud	Maximum Rate		Total Slurry 756.0	Mud	Spacer 78.0	N2			
Treating Pressure Summary, psi					Breakdown Fluid						
Maximum	Final 0	Average	Bump Plug to 3000	Breakdown	Type		Volume bbl	Density lb/gal			
Avg. N2 Percent %		Designed Slurry Volume 763.0 bbl		Displacement 474.0 bbl		Mix Water Temp 80 degF		Cement Circulated to Surface? <input type="checkbox"/>		Volume bbl	
								Washed Thru Perfs <input type="checkbox"/>		To ft	
Customer or Authorized Representative James Adkins				Schlumberger Supervisor Conley Jensen/ Sheldon Bell				Circulation Lost <input type="checkbox"/>		Job Completed <input checked="" type="checkbox"/>	
								-		-	



Service Order #:	
Date:	Jun/19/2018
Operating Time (hh:mm):	00:00
Client Rep:	James Adkins
Schlumberger Engineer:	Conley Jensen/ Sheldon Bell
Schlumberger FSM:	

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

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: