

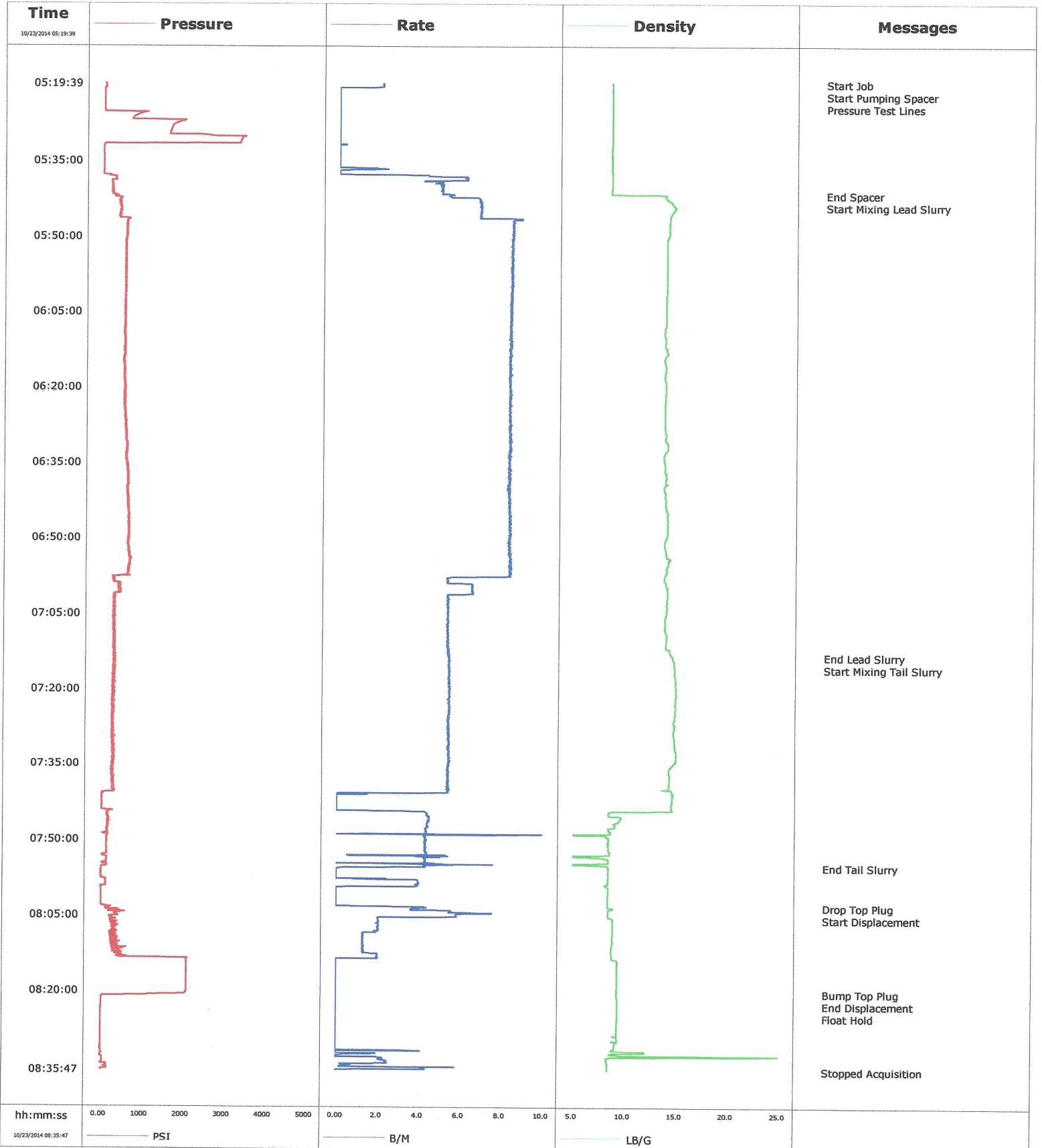
APPENDIX I

CEMENT PROGRAM

Surface
Upper Intermediate
Lower Intermediate
Production

Surface

Well	Linam	Client	Parsons Brinckeroff
Field		SIR No.	2030590
Engineer	Nathan Bright	Job Type	20" Surface
Country	United States	Job Date	10-22-2014



				Customer Parsons Brinckerhoff			Job Number 2030590		
Well Linam #2H		Location (legal) DCP Linam AGI #2			Schlumberger Location			Job Start Oct/22/2014	
Field		Formation Name/Type Clean-Sandstone		Deviation deg	Bit Size 26.0 in		Well MD 1650.0 ft	Well TVD 1650.0 ft	
County LEA		State/Province New Mexico			BHP psi	BHST 93 degF	BHCT 90 degF	Pore Press. Gradient lb/gal	
Well Master 0631589525		API/UWI							
Rig Name Precision 107		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		1650.0	20.0	106.5	J55	BUTT
					0.0	0.0	0.0		
Drilling Fluid Type		Max. Density lb/gal	Plastic Viscosity cP		Tubing/Drill Pipe				
					T/D	Depth, ft	Size, in	Weight, lb/ft	Grade
Service Line Cementing		Job Type 20" Surface			D	1572.0	4.5	20.0	N/A
					0.0	0.0	0.0		
Max. Allowed Tub. Press psi		Max. Allowed Ann. Press psi	WH Connection 4 1/2" XH DP pin		Perforations/Open Hole				
					Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval ft
Service Instructions 20" Surface Casing 2277 Lead Yield 1.73 = 700 bbls 1273 sks Yield 1.33 = 302 bbls 235 bbls back to Surface = 745 sks					ft	ft			ft
					ft	ft			Diameter in
					ft	ft			in
					Treat Down Drill Pipe	Displacement 26.0 bbl	Packer Type	Packer Depth ft	
					Tubing Vol. bbl	Casing Vol. 235.0 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 573 psi					Shoe Type Guide		Squeeze Type		
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>			Shoe Depth 1600.0 ft		Tool Type		
No. Centralizers		Top Plugs 1	Bottom Plugs		Stage Tool Type		Tool Depth ft		
Cement Head Type Single					Stage Tool Depth ft		Tail Pipe Size in		
Job Scheduled For Oct/22/2014 12:00		Arrived on Location Oct/22/2014 11:50		Leave Location Oct/23/2014 10:00	Collar Type Float		Tail Pipe Depth ft		
					Collar Depth 1650.0 ft		Sqz. Total Vol. bbl		
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
10/23/2014	05:19:39	62	2.1	8.48	0.0	Started Acquisition			
10/23/2014	05:19:42	64	2.1	8.49	0.1	Start Job			
10/23/2014	05:19:45	68	2.1	8.49	0.2	Start Pumping Spacer			
10/23/2014	05:19:48	69	2.1	8.49	0.4	Pressure Test Lines			
10/23/2014	05:22:49	40	0.0	8.50	1.8				
10/23/2014	05:25:59	844	0.0	8.50	1.8				
10/23/2014	05:29:09	1650	0.0	8.50	1.8				
10/23/2014	05:32:19	22	0.0	8.49	1.9				
10/23/2014	05:35:29	25	0.0	8.49	1.9				
10/23/2014	05:38:39	313	6.2	8.51	7.1				
10/23/2014	05:41:43	262	5.5	12.25	22.7	End Spacer			
10/23/2014	05:41:46	279	5.6	13.42	23.0	Start Mixing Lead Slurry			
10/23/2014	05:41:49	302	5.4	13.81	23.3				
10/23/2014	05:44:59	442	6.9	14.47	44.3				
10/23/2014	05:48:09	592	8.5	14.10	68.9				
10/23/2014	05:51:19	576	8.4	13.86	95.6				
10/23/2014	05:54:29	570	8.4	13.87	122.2				
10/23/2014	05:57:39	562	8.4	13.85	148.8				
10/23/2014	06:00:49	568	8.4	13.86	175.4				
10/23/2014	06:03:59	565	8.3	13.82	201.9				
10/23/2014	06:07:09	565	8.4	13.81	228.4				

Well		Field		Job Start		Customer		Job Number	
Linam #2H				Oct/22/2014		Parsons Brinckeroff		2030590	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
10/23/2014	06:13:29	562	8.4	13.95	281.2				
10/23/2014	06:16:39	533	8.3	13.82	307.6				
10/23/2014	06:19:49	553	8.3	13.84	333.9				
10/23/2014	06:22:59	546	8.4	13.75	360.3				
10/23/2014	06:26:09	581	8.3	13.72	386.6				
10/23/2014	06:29:19	599	8.4	13.86	413.0				
10/23/2014	06:32:29	621	8.3	13.98	439.4				
10/23/2014	06:35:39	639	8.3	13.76	465.7				
10/23/2014	06:38:49	645	8.3	13.82	492.0				
10/23/2014	06:41:59	636	8.3	13.80	518.3				
10/23/2014	06:45:09	660	8.3	14.08	544.6				
10/23/2014	06:48:19	667	8.3	14.06	571.0				
10/23/2014	06:51:29	645	8.3	13.73	597.4				
10/23/2014	06:54:39	706	8.4	14.13	623.8				
10/23/2014	06:57:49	377	6.5	13.78	650.1				
10/23/2014	07:00:59	488	6.6	14.07	669.3				
10/23/2014	07:04:09	314	5.4	13.99	686.5				
10/23/2014	07:07:19	294	5.4	13.85	703.5				
10/23/2014	07:10:29	332	5.4	13.96	720.4				
10/23/2014	07:13:24	318	5.4	14.52	736.1	End Lead Slurry			
10/23/2014	07:13:28	315	5.4	14.56	736.4	Start Mixing Tail Slurry			
10/23/2014	07:13:39	321	5.4	14.62	737.4				
10/23/2014	07:16:49	331	5.4	14.80	754.6				
10/23/2014	07:19:59	336	5.4	14.94	771.9				
10/23/2014	07:23:09	296	5.4	14.87	789.1				
10/23/2014	07:26:19	302	5.4	14.70	806.3				
10/23/2014	07:29:29	326	5.4	14.76	823.4				
10/23/2014	07:32:39	310	5.4	14.94	840.6				
10/23/2014	07:35:49	317	5.4	14.34	857.8				
10/23/2014	07:38:59	323	5.4	14.29	874.9				
10/23/2014	07:42:09	49	0.0	14.60	884.8				
10/23/2014	07:45:19	177	4.5	8.97	889.2				
10/23/2014	07:48:29	187	4.4	8.65	903.2				
10/23/2014	07:51:39	168	4.3	8.46	917.0				
10/23/2014	07:54:49	68	7.6	4.20	930.4				
10/23/2014	07:55:12	171	4.3	8.44	932.2	End Tail Slurry			
10/23/2014	07:57:59	150	4.0	8.45	934.1				
10/23/2014	08:01:09	38	0.0	8.44	939.1				
10/23/2014	08:03:15	103	2.3	8.43	939.2	Drop Top Plug			
10/23/2014	08:03:16	96	2.5	8.43	939.3	Start Displacement			
10/23/2014	08:04:19	237	5.5	8.47	943.9				
10/23/2014	08:07:29	353	2.0	8.90	954.4				
10/23/2014	08:10:39	410	1.3	8.85	959.1				
10/23/2014	08:13:49	2119	0.0	9.30	963.6				
10/23/2014	08:16:59	2117	0.0	9.34	963.6				
10/23/2014	08:20:09	2121	0.0	9.33	963.6				
10/23/2014	08:20:18	2101	0.0	9.33	963.6	Bump Top Plug			
10/23/2014	08:20:19	2100	0.0	9.32	963.6	End Displacement			
10/23/2014	08:22:10	54	0.0	9.40	963.6	Float Hold			
10/23/2014	08:23:19	49	0.0	9.40	963.6				
10/23/2014	08:26:29	41	0.0	9.37	963.6				
10/23/2014	08:29:39	38	0.0	9.37	963.6				
10/23/2014	08:32:49	41	0.2	9.48	964.4				

Well Linam #2H	Field	Job Start Oct/22/2014	Customer Parsons Brinckeroff	Job Number 2030590
--------------------------	--------------	---------------------------------	--	------------------------------

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 6.4	N2	Mud	Maximum Rate 14.1	Total Slurry 969.7	Mud 0.0	Spacer 22.6	N2	
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 3463	Final 54	Average 482	Bump Plug to 2100	Breakdown	Type FreshWater	Volume 20.0 bbl	Density 8.34 lb/gal	
Avg. N2 Percent %	Designed Slurry Volume 1000.0 bbl	Displacement 27.4 bbl	Mix Water Temp 75 degF	Cement Circulated to Surface? <input checked="" type="checkbox"/>	Volume 235.0 bbl	Washed Thru Perfs <input type="checkbox"/>	To ft	
Customer or Authorized Representative Russell Bentley			Schlumberger Supervisor Nathan Bright		Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>		
					-			

Upper Intermediate

Parsons Brinckerhoff - Linam 2 Intermediate Field Blend Tail

Fluid No : HNM14C607001	Client : Parsons Brinckerhoff	Location / Rig : Precision #107
Date : Oct-30-2014	Well Name : Linam #2	Field :

Signatures
P. Quitnana, LTT
CWhite LT1

Job Type	Intermediate	Depth	3200.0 ft	TVD	3200.0 ft
BHST	106 degF	BHCT	91 degF	BHP	1860 psi
Starting Temp.	80 degF	Time to Temp.	01:10 hr:mn	Heating Rate	0.16 degF/min
Starting Pressure	330 psi	Time to Pressure	01:10 hr:mn	Schedule	9.4-1

Composition

Slurry Density	14.80 lb/gal	Yield	1.34 ft ³ /sk	Mix Fluid	6.364 gal/sk
Solid Vol. Fraction	36.4 %	Porosity	63.6 %	Slurry type	Conventional
Code	Concentration	Sack Reference	Component	Blend Density	Lot Number
C		94 lb of BLEND	Blend	197.27 lb/ft ³	FB2250
Fresh water	6.364 gal/sk		Base Fluid		Tap
D013	0.200 %BWOC		Retarder		926481
D020	0.500 %BWOC		Extender		Bulk
D046	0.200 %BWOC		Antifoam		CW4H0174A1
D065	0.200 %BWOC		Dispersant		5993

Rheology

Temperature (rpm)	80 degF			91 degF		
	Up (deg)	Down (deg)	Average (deg)	Up (deg)	Down (deg)	Average (deg)
300	35.0	35.0	35.0	38.0	38.0	38.0
200	27.0	27.0	27.0	27.0	27.0	27.0
100	19.0	18.0	18.5	16.0	16.0	16.0
60	16.0	15.0	15.5	12.0	12.0	12.0
30	14.0	11.0	12.5	9.0	8.0	8.5
6	12.0	8.0	10.0	6.0	4.0	5.0
3	9.0	7.0	8.0	4.0	4.0	4.0
10 sec Gel	9 deg - 9.61 lbf/100ft ²			4 deg - 4.27 lbf/100ft ²		
10 min Gel	38 deg - 40.56 lbf/100ft ²			37 deg - 39.49 lbf/100ft ²		
Rheo. computed	Viscosity : 24.994 cP Yield Point : 10.20 lbf/100ft ²			Viscosity : 32.906 cP Yield Point : 5.14 lbf/100ft ²		

Thickening Time

Consistency	Time
POD :	06:40 hr:mn
70 Bc	06:41 hr:mn

Free Fluid

0.0 mL/250mL in 2 hrs
At 91 degF and 0 deg incl
Sedimentation : None

Comments

Thickening Time Comment : Force Set for 1hr@5:40 ; 2nd Force Set @6:40 UCA: Running 6hrs@0psi
--

Parsons Brinckerhoff - Linam 2 Intermediate Field Blend Tail

Fluid No : HNM14C607001	Client : Parsons Brinckerhoff	Location / Rig : Precision #107	Signatures
Date : Oct-30-2014	Well Name : Linam #2	Field :	P. Quitnana, LTT
			CWhite LT1

Job Type	Intermediate	Depth	3200.0 ft	TVD	3200.0 ft
BHST	106 degF	BHCT	91 degF	BHP	1860 psi
Starting Temp.	80 degF	Time to Temp.	01:10 hr:mn	Heating Rate	0.16 degF/min
Starting Pressure	330 psi	Time to Pressure	01:10 hr:mn	Schedule	9.4-1

Composition

Slurry Density	14.80 lb/gal	Yield	1.34 ft ³ /sk	Mix Fluid	6.364 gal/sk
Solid Vol. Fraction	36.4 %	Porosity	63.6 %	Slurry type	Conventional

Code	Concentration	Sack Reference	Component	Blend Density	Lot Number
C		94 lb of BLEND	Blend	197.27 lb/ft ³	FB2250
Fresh water	6.364 gal/sk		Base Fluid		Tap
D013	0.200 %BWOC		Retarder		926481
D020	0.500 %BWOC		Extender		Bulk
D046	0.200 %BWOC		Antifoam		CW4H0174A1
D065	0.200 %BWOC		Dispersant		5993

Rheology

Temperature	80 degF			91 degF		
	(rpm)	Up (deg)	Down (deg)	Average (deg)	Up (deg)	Down (deg)
300	35.0	35.0	35.0	38.0	38.0	38.0
200	27.0	27.0	27.0	27.0	27.0	27.0
100	19.0	18.0	18.5	16.0	16.0	16.0
60	16.0	15.0	15.5	12.0	12.0	12.0
30	14.0	11.0	12.5	9.0	8.0	8.5
6	12.0	8.0	10.0	6.0	4.0	5.0
3	9.0	7.0	8.0	4.0	4.0	4.0
10 sec Gel	9 deg - 9.61 lbf/100ft ²			4 deg - 4.27 lbf/100ft ²		
10 min Gel	38 deg - 40.56 lbf/100ft ²			37 deg - 39.49 lbf/100ft ²		
Rheo. computed	Viscosity : 24.994 cP Yield Point : 10.20 lbf/100ft ²			Viscosity : 32.906 cP Yield Point : 5.14 lbf/100ft ²		

Thickening Time

Consistency	Time
POD :	06:40 hr:mn
70 Bc	06:41 hr:mn

Free Fluid

0.0 mL/250mL in 2 hrs
At 91 degF and 0 deg incl
Sedimentation : None

Comments

Thickening Time Comment : Force Set for 1hr@5:40 ; 2nd Force Set @6:40 UCA: Running 6hrs@0psi
--

Parsons Brinckerhoff - Linam 2 Intermediate Field Blend Lead

Fluid No : HNM14C607002	Client : Parsons Brinckerhoff	Location / Rig : Precision #107	Signatures P. Quintana, LTT CWhite LT1
Date : Oct-30-2014	Well Name : Linam #2	Field :	

Job Type	Intermediate	Depth	3200.0 ft	TVD	3200.0 ft
BHST	106 degF	BHCT	91 degF	BHP	1860 psi
Starting Temp.	80 degF	Time to Temp.	01:10 hr:mn	Heating Rate	0.16 degF/min
Starting Pressure	330 psi	Time to Pressure	01:10 hr:mn	Schedule	9.4-1

Composition

Slurry Density	12.80 lb/gal	Yield	1.85 ft ³ /sk	Mix Fluid	9.473 gal/sk
Solid Vol. Fraction	31.4 %	Porosity	68.6 %	Slurry type	Conventional

Code	Concentration	Sack Reference	Component	Blend Density	Lot Number
35:65 D035/C		90 lb of BLEND	Blend	181.26 lb/ft ³	FB2216
Fresh water	9.473 gal/sk		Base Fluid		Tap
D020	2.500 %BWOB		Extender		926481
D046	0.200 %BWOB		Antifoam		Bulk
D065	0.100 %BWOB		Dispersant		CW4H0174A1
D042	5.000 lb/sk		LCM/extender		5993
D130	0.130 lb/sk		Lost circ		917891
D238	0.400 %BWOB		Fluid Loss		23904

Rheology

Temperature (rpm)	80 degF			91 degF		
	Up (deg)	Down (deg)	Average (deg)	Up (deg)	Down (deg)	Average (deg)
300	39.0	39.0	39.0	58.0	58.0	58.0
200	27.0	30.0	28.5	50.0	41.0	45.5
100	16.0	17.0	16.5	31.0	24.0	27.5
60	13.0	12.0	12.5	23.0	17.0	20.0
30	10.0	10.0	10.0	16.0	12.0	14.0
6	7.0	9.0	8.0	9.0	6.0	7.5
3	6.0	6.0	6.0	7.0	5.0	6.0

10 sec Gel	7 deg - 7.47 lbf/100ft ²	6 deg - 6.40 lbf/100ft ²
10 min Gel	15 deg - 16.01 lbf/100ft ²	17 deg - 18.14 lbf/100ft ²
Rheo. computed	Viscosity : 32.481 cP Yield Point : 6.49 lbf/100ft ²	Viscosity : 49.523 cP Yield Point : 10.19 lbf/100ft ²

Thickening Time

Consistency	Time
POD :	02:38 hr:mn
30 Bc	06:03 hr:mn
50 Bc	07:39 hr:mn
70 Bc	08:05 hr:mn

Free Fluid

0.0 mL/250mL in 2 hrs
At 91 degF and 0 deg incl
Sedimentation : None

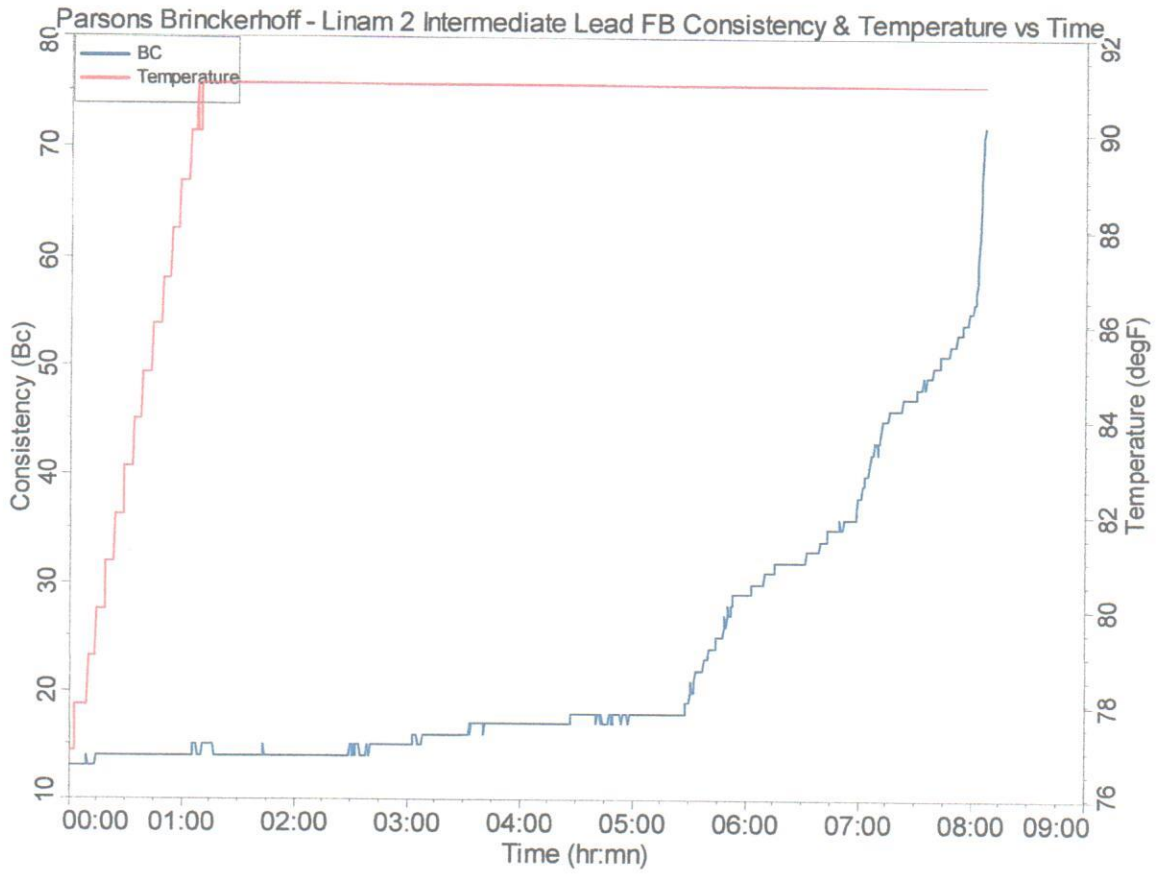
				Customer PARSONS BRINKEROFF			Job Number D53C-00007		
Well LINAM 2		Location (legal)			Schlumberger Location			Job Start Nov/02/2014	
Field		Formation Name/Type		Deviation deg	Bit Size in	Well MD 3230.0 ft		Well TVD 3230.0 ft	
County LEA		State/Province New Mexico			BHP psi	BHST degF	BHCT degF	Pore Press. Gradient lb/gal	
Well Master		API/UWI							
Rig Name PRECISION DRILLING 107	Drilled For Gas	Service Via Land		Casing/ Liner					
Offshore Zone	Well Class New	Well Type Development		Depth, ft 3230.0	Size, in 13.4	Weight, lb/ft 68.0	Grade N/A	Thread BUTT	
Drilling Fluid Type	Max. Density lb/gal	Plastic Viscosity cP		Tubing/ Drill Pipe					
Service Line Cementing	Job Type INTERMEDIATE			T/D	Depth, ft	Size, in	Weight, lb/ft	Grade	
Max. Allowed Tub. Press psi	Max. Allowed Ann. Press psi	WH Connection		Perforations/ Open Hole					
Service Instructions CEMENT DESIGNED TO CIRCULATE TO SURFACE 50 BBLs/146 SKS CIRCULATED TO SURFACE				Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval ft	
				ft	ft			Diameter in	
				ft	ft				
				Treat Down Casing	Displacement 476.0 bbl	Packer Type	Packer Depth ft		
Tubing Vol. bbl	Casing Vol. 476.0 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 3230.0 ft		Tool Type		
No. Centralizers		Top Plugs	Bottom Plugs		Stage Tool Type		Tool Depth ft		
Cement Head Type Single		Stage Tool Depth ft			Tail Pipe Size in				
Job Scheduled For Nov/02/2014	Arrived on Location Nov/02/2014		Leave Location Nov/02/2014		Collar Type Float		Tail Pipe Depth ft		
					Collar Depth 3186.0 ft		Sqz. Total Vol. bbl		
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
11/02/2014	14:35:32	-3	0.0	8.33	0.0				
11/02/2014	14:38:37	19	0.0	8.33	0.0				
11/02/2014	14:41:42	19	0.0	8.33	0.0				
11/02/2014	14:44:47	15	0.0	8.33	0.0				
11/02/2014	14:47:52	9	0.0	8.33	0.0				
11/02/2014	14:50:57	8	0.0	8.33	0.0				
11/02/2014	14:54:02	7	0.0	8.33	0.0				
11/02/2014	14:57:07	6	0.0	8.33	0.0				
11/02/2014	15:00:00	13	0.0	8.33	0.0	Pressure Test Lines			
11/02/2014	15:00:12	13	0.0	8.33	0.0				
11/02/2014	15:03:17	336	0.0	8.32	0.0				
11/02/2014	15:06:22	3126	0.0	8.33	0.0				
11/02/2014	15:09:27	3985	0.0	8.32	0.0				
11/02/2014	15:12:32	3640	0.0	8.33	0.0				
11/02/2014	15:15:37	3262	0.0	8.33	0.0				
11/02/2014	15:18:42	11	0.0	8.33	0.0				
11/02/2014	15:19:34	12	0.0	8.33	0.0	START GELLED WATER			
11/02/2014	15:21:47	148	6.0	8.36	0.0				
11/02/2014	15:23:46	213	6.1	8.33	0.0	START LEAD SLURRY			
11/02/2014	15:24:52	273	5.5	11.92	0.0				
11/02/2014	15:27:57	340	5.7	12.56	0.0				

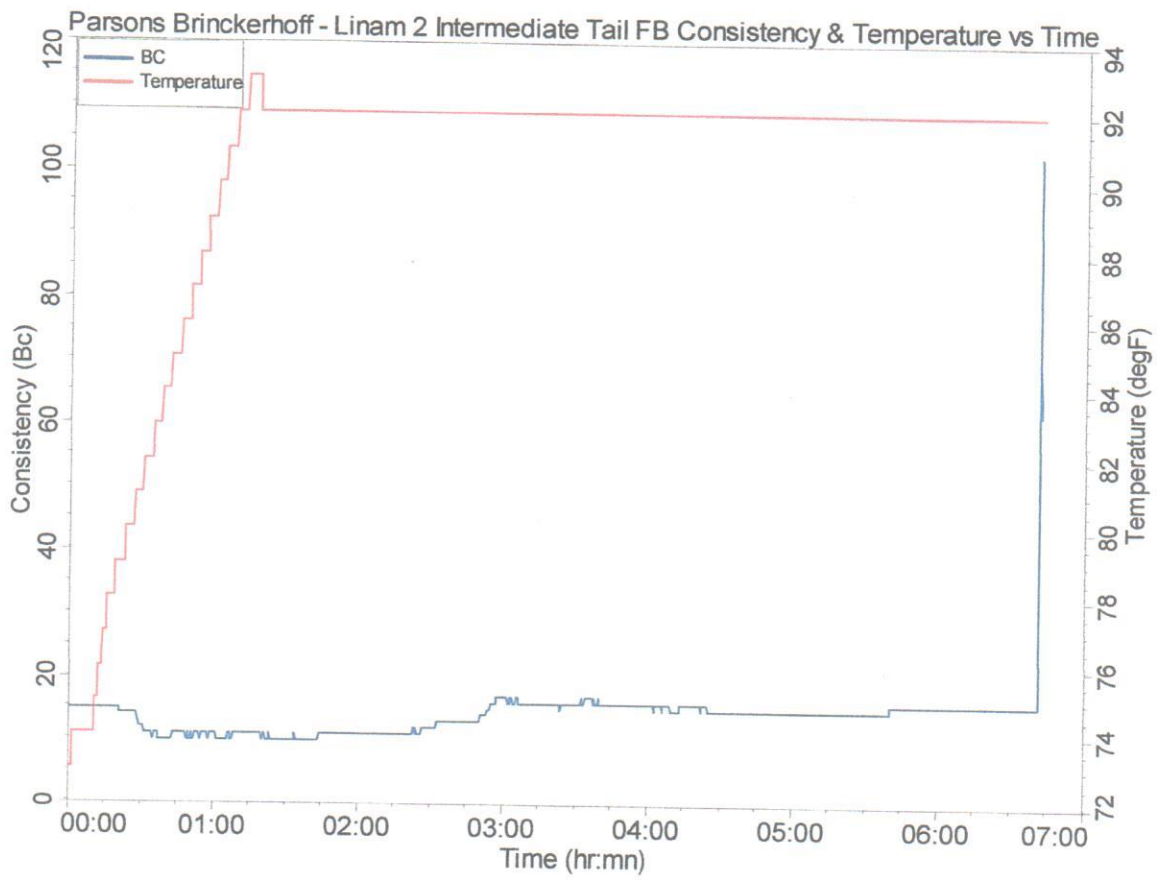
Well		Field		Job Start	Customer	Job Number
LINAM 2				Nov/02/2014	PARSONS BRINKEROFF	D53C-00007
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
11/02/2014	15:34:07	312	5.7	12.74	0.0	
11/02/2014	15:37:12	298	5.7	12.66	0.0	
11/02/2014	15:40:17	282	5.6	12.80	0.0	
11/02/2014	15:43:22	310	5.7	12.79	0.0	
11/02/2014	15:46:27	310	5.7	12.72	0.0	
11/02/2014	15:49:32	327	5.7	12.79	0.0	
11/02/2014	15:52:37	305	5.7	12.87	0.0	
11/02/2014	15:55:42	287	5.7	12.54	0.0	
11/02/2014	15:58:47	276	5.7	12.84	0.0	
11/02/2014	16:01:52	316	5.7	12.72	0.0	
11/02/2014	16:04:57	313	5.7	12.72	0.0	
11/02/2014	16:08:02	310	5.6	12.73	0.0	
11/02/2014	16:11:07	309	5.7	12.71	0.0	
11/02/2014	16:14:12	328	5.7	12.73	0.0	
11/02/2014	16:17:17	327	5.7	12.80	0.0	
11/02/2014	16:20:22	340	5.6	12.72	0.0	
11/02/2014	16:23:27	263	5.7	12.46	0.0	
11/02/2014	16:26:32	286	5.7	12.67	0.0	
11/02/2014	16:29:37	301	5.7	12.83	0.0	
11/02/2014	16:32:42	303	5.8	12.81	0.0	
11/02/2014	16:35:47	347	5.7	12.93	0.0	
11/02/2014	16:38:52	324	5.8	12.84	0.0	
11/02/2014	16:41:57	278	5.8	12.65	0.0	
11/02/2014	16:45:02	337	5.7	12.93	0.0	
11/02/2014	16:45:07	332	5.7	12.96	0.0	START TAIL SLURRY
11/02/2014	16:48:07	373	6.1	14.66	0.0	
11/02/2014	16:51:12	406	6.1	15.21	0.0	
11/02/2014	16:54:17	432	6.1	14.97	0.0	
11/02/2014	16:57:22	394	6.1	14.79	0.0	
11/02/2014	17:00:27	139	3.9	13.25	0.0	
11/02/2014	17:03:32	343	5.9	14.36	0.0	
11/02/2014	17:06:37	383	5.9	14.98	0.0	
11/02/2014	17:09:42	392	5.9	14.98	0.0	
11/02/2014	17:12:47	387	5.9	14.95	0.0	
11/02/2014	17:15:52	375	5.9	14.99	0.0	
11/02/2014	17:18:57	415	5.9	14.83	0.0	
11/02/2014	17:22:02	395	5.9	14.87	0.0	
11/02/2014	17:25:07	383	5.9	14.81	0.0	
11/02/2014	17:28:12	327	5.9	12.99	0.0	
11/02/2014	17:30:11	15	0.0	13.53	0.0	DROP TOP PLUG
11/02/2014	17:31:17	14	0.0	13.56	0.0	
11/02/2014	17:34:22	15	0.0	13.59	0.0	
11/02/2014	17:37:27	15	0.0	13.71	0.0	
11/02/2014	17:40:32	15	0.0	13.78	0.0	
11/02/2014	17:43:37	129	5.1	8.79	0.0	
11/02/2014	17:46:42	155	6.2	8.22	0.0	
11/02/2014	17:49:47	175	6.2	8.41	0.0	
11/02/2014	17:52:52	160	6.4	8.33	0.0	
11/02/2014	17:55:57	166	6.4	8.33	0.0	
11/02/2014	17:59:02	181	6.2	8.32	0.0	
11/02/2014	18:02:07	155	6.2	8.33	0.0	
11/02/2014	18:05:12	171	5.4	8.33	0.0	
11/02/2014	18:08:17	139	5.2	8.33	0.0	
11/02/2014	18:11:22	126	5.2	8.33	0.0	

Well		Field		Job Start		Customer		Job Number	
LINAM 2				Nov/02/2014		PARSONS BRINKEROFF		D53C-00007	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
11/02/2014	18:17:32	134	5.2	8.33	0.0				
11/02/2014	18:20:37	193	5.2	8.33	0.0				
11/02/2014	18:23:42	221	5.2	8.33	0.0				
11/02/2014	18:26:47	277	5.2	8.33	0.0				
11/02/2014	18:29:52	307	5.2	8.33	0.0				
11/02/2014	18:32:57	377	5.1	8.33	0.0				
11/02/2014	18:36:02	410	5.1	8.33	0.0				
11/02/2014	18:39:07	492	5.1	8.33	0.0				
11/02/2014	18:42:12	516	5.1	8.33	0.0				
11/02/2014	18:45:17	589	5.1	8.33	0.0				
11/02/2014	18:48:22	609	5.1	8.33	0.0				
11/02/2014	18:51:27	702	5.1	8.33	0.0				
11/02/2014	18:54:32	780	5.1	8.33	0.0				
11/02/2014	18:57:37	810	5.1	8.33	0.0				
11/02/2014	19:00:42	883	5.1	8.33	0.0				
11/02/2014	19:03:47	904	5.1	8.33	0.0				
11/02/2014	19:06:52	990	5.1	8.33	0.0				
11/02/2014	19:09:57	837	2.2	8.33	0.0				
11/02/2014	19:13:02	919	2.0	8.33	0.0				
11/02/2014	19:15:00	927	2.0	8.33	0.0	BUMPED TOP PLUG			
11/02/2014	19:16:07	927	2.0	8.33	0.0				
11/02/2014	19:19:12	1534	0.0	8.33	0.0				
11/02/2014	19:22:17	1532	0.0	8.33	0.0				
11/02/2014	19:25:22	13	0.0	8.33	0.0				
11/02/2014	19:28:27	13	0.0	8.32	0.0				
11/02/2014	19:31:32	8	0.0	8.32	0.0				
11/02/2014	19:34:37	8	0.0	8.32	0.0				

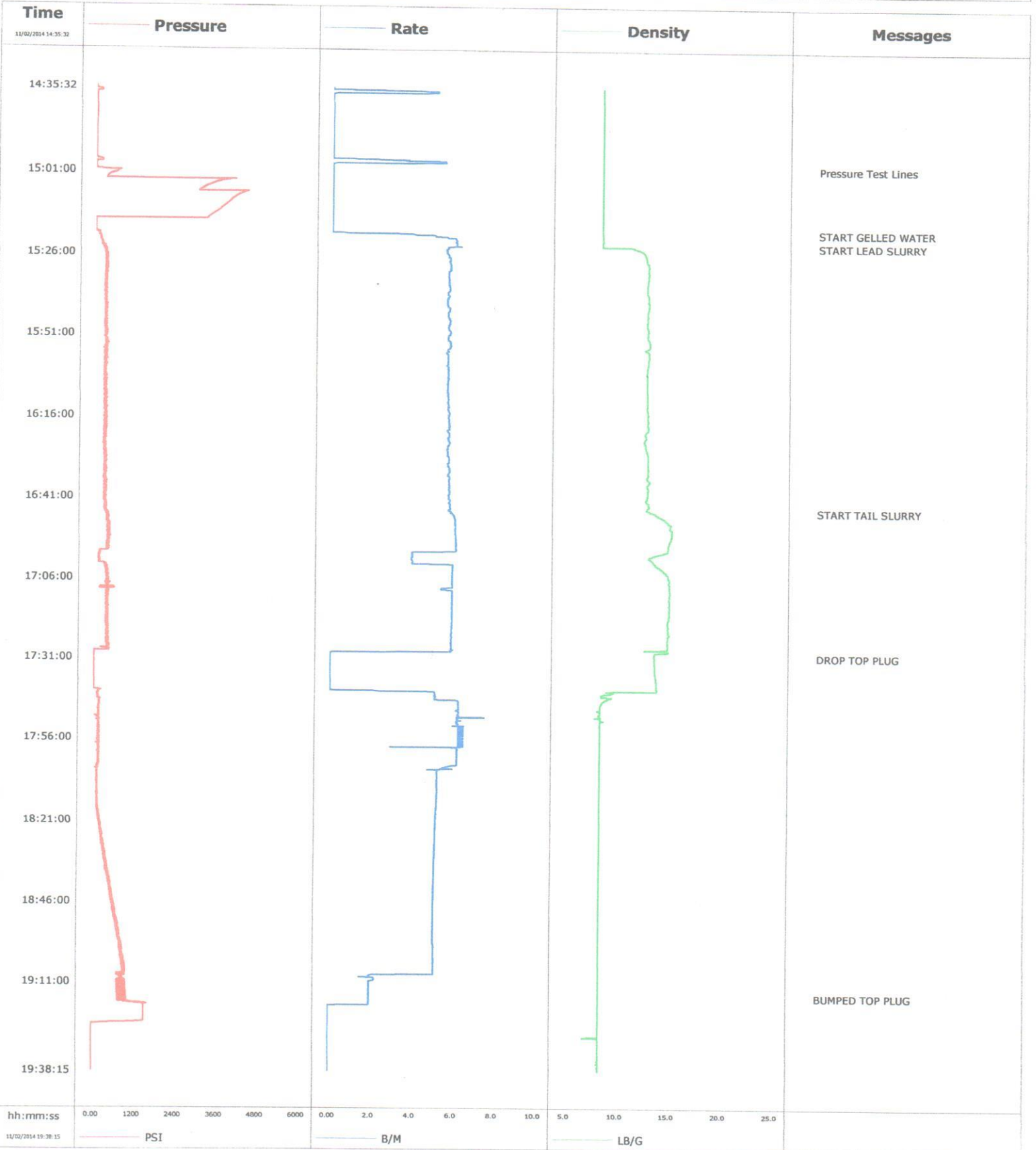
Post Job Summary

Average Pump Rates, bbl/min				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density
	0					bbl	lb/gal
Avg. N2 Percent %	Designed Slurry Volume	Displacement	Mix Water Temp	Cement Circulated to Surface?	<input checked="" type="checkbox"/>	Volume	50.0 bbl
	0.0 bbl	bbl	65 degF	Washed Thru Perfs	<input type="checkbox"/>	To	ft
Customer or Authorized Representative			Schlumberger Supervisor	Circulation Lost	<input type="checkbox"/>	Job Completed	<input checked="" type="checkbox"/>
			KEVIN JAMMER	-		-	





Well	LINAM	Client	PARSONS BRINKEROFF
Field		SIR No.	D53C-00007
Engineer	KEVIN JAMMER	Job Type	INTERMEDIATE
Country	USA	Job Date	



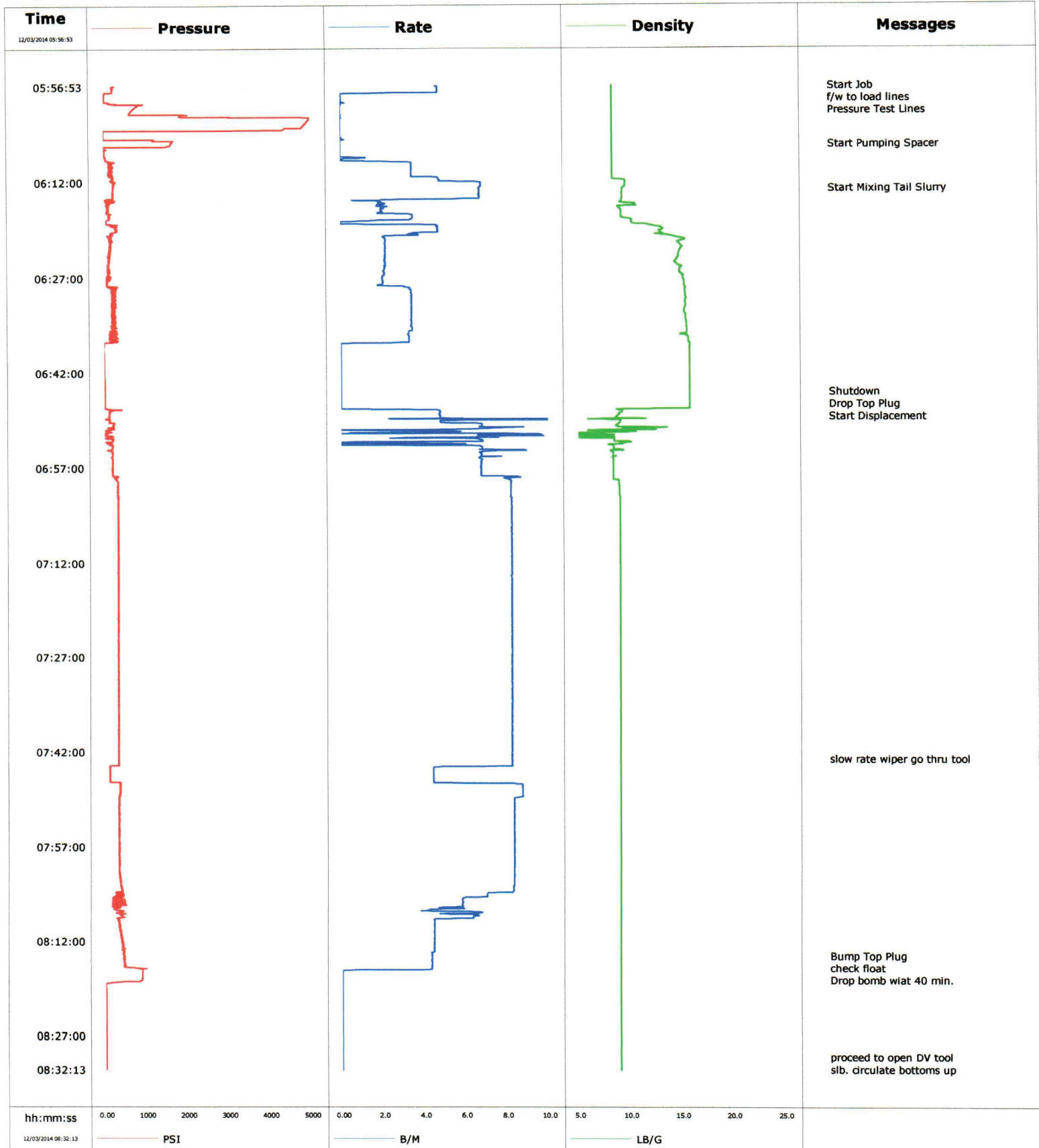
Fluid Systems:

Lead Slurry				
1330 sks Lead				
Sacks Of:	Cement	Total Blend/Cem:	119700 lb	
Sack Weight:	90 lb	Dry Blend Code:		
Yield:	1.93 ft ³ /sk	Final Fluid Density:	12.8 lb/gal	
Mix Water:	9.97 gal/sk	Base Fluid Den:		
Mix Fluid:	10.12 gal/sk	Volume:	457.15 bbl	
Mix Water Den:	8.33 lb/gal	Base Fluid Vol:		
Sacks Blend/Cem:	1330 sks	Acid Volume:		
Total Mix Water:	13260.1 gal	Acid Conc:		
Total Mix Fluid:	13459.6 gal			
Load out Excess				
Code	Conc	Design	Total by design	Load out with excess
D903	61 lb/sk	WTSK	81130 lb	81130 lb
D035	29 lb/sk	WTSK	38570 lb	38570 lb
D044	5 %	BWOW	5522.83 lb	5522.83 lb
D020	2.5 %	BWOB	2992.5 lb	2992.5 lb
D046	0.2 %	BWOB	239.4 lb	239.4 lb
D065	0.1 %	BWOB	119.7 lb	119.7 lb
D042	5 lb/sk	WTSK	6650 lb	6650 lb
D130	0.13 lb/sk	WTSK	172.9 lb	172.9 lb
D238	0.4 %	BWOB	478.8 lb	478.8 lb

Tail Slurry				
1000 sks Tail				
Sacks Of:	Cement	Total Blend/Cem:	94000 lb	
Sack Weight:	94 lb	Dry Blend Code:		
Yield:	1.34 ft ³ /sk	Final Fluid Density:	14.8 lb/gal	
Mix Water:	6.36 gal/sk	Base Fluid Den:		
Mix Fluid:	6.36 gal/sk	Volume:	238.64 bbl	
Mix Water Den:	8.33 lb/gal	Base Fluid Vol:		
Sacks Blend/Cem:	1000 sks	Acid Volume:		
Total Mix Water:	6360 gal	Acid Conc:		
Total Mix Fluid:	6360 gal			
Load out Excess				
Code	Conc	Design	Total by design	Load out with excess
D903	94 lb/sk	WTSK	94000 lb	94000 lb
D013	0.2 %	BWOB	188 lb	188 lb
D020	0.5 %	BWOB	470 lb	470 lb
D046	0.2 %	BWOB	188 lb	188 lb
D065	0.2 %	BWOB	188 lb	188 lb

Lower Intermediate

Well	Linam	Client	Parsons Brinckerhoff
Field		SIR No.	2030594
Engineer	Eddie P. Lopez	Job Type	1st Stage - 95/8" - Intern.
Country	United States	Job Date	12-04-2014



				Customer Parsons Brinckerhoff			Job Number 2030594										
Well Linam # 2			Location (legal) W. Hobbs			Schlumberger Location Hobbs			Job Start Dec/03/2014								
Field		Formation Name/Type			Deviation deg		Bit Size 12.3 in		Well MD 8630.0 ft		Well TVD 8630.0 ft						
County Lea		State/Province New Mexico			BHP psi		BHST degF		BHCT degF		Pore Press. Gradient lb/gal						
Well Master 0631589525		API/UWI															
Rig Name Precision 107		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		8609.0		9.6		47.0		110		8RD			
						0.0		0.0		0.0							
Drilling Fluid Type Bentonite		Max. Density 8.80 lb/gal		Plastic Viscosity cP		Tubing/Drill Pipe											
						T/D		Depth, ft		Size, in		Weight, lb/ft		Grade		Thread	
Service Line Cementing		Job Type 1st Stage - 95/8" - Interm.															
Max. Allowed Tub. Press psi		Max. Allowed Ann. Press psi		WH Connection Single Cement head		Perforations/Open Hole											
						Top, ft		Bottom, ft		shot/ft		No. of Shots		Total Interval ft			
Service Instructions 95/8" -Interm Job 3 Stages..						ft		ft						Diameter in			
						ft		ft									
						Treat Down Casing		Displacement 626.0 bbl		Packer Type		Packer Depth ft					
						Tubing Vol. bbl		Casing Vol. 626.0 bbl		Annular Vol. 192.0 bbl		Openhole Vol. 302.0 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 400 psi		Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Type Guide		Shoe Depth 8630.0 ft		Squeeze Type		Tool Type					
No. Centralizers		Top Plugs		Bottom Plugs		Stage Tool Type 3 stage		Stage Tool Depth 8104.0 ft		Tool Depth ft		Tail Pipe Size in					
Cement Head Type Single		Job Scheduled For Dec/03/2014 21:30		Arrived on Location Dec/03/2014 21:30		Leave Location Dec/04/2014 23:00		Collar Type Float		Collar Depth 8561.0 ft		Tail Pipe Depth ft		Sqz. Total Vol. bbl			
Date		Time 24-hr clock		Treating Pressure PSI		Flow Rate B/M		Density LB/G		Volume BBL		Message					
12/03/2014		05:56:53		309		4.5		8.37		0.0							
12/03/2014		05:56:56		267		4.7		8.37		0.0		Start Job					
12/03/2014		05:57:00		209		4.7		8.37		0.0		f/w to load lines					
12/03/2014		05:57:56		171		4.7		8.37		0.0		Pressure Test Lines					
12/03/2014		06:00:13		789		0.0		8.37		0.0							
12/03/2014		06:03:33		4397		0.0		8.37		0.0							
12/03/2014		06:06:00		1641		0.0		8.37		0.0		Start Pumping Spacer					
12/03/2014		06:06:53		38		0.0		8.37		0.0							
12/03/2014		06:10:13		154		3.4		8.37		0.0							
12/03/2014		06:13:00		233		6.7		9.38		0.0		Start Mixing Tail Slurry					
12/03/2014		06:13:33		225		6.7		9.29		0.0							
12/03/2014		06:16:53		65		1.9		9.21		0.0							
12/03/2014		06:20:13		202		3.4		13.28		0.0							
12/03/2014		06:23:33		125		2.1		14.76		0.0							
12/03/2014		06:26:53		151		2.0		15.17		0.0							
12/03/2014		06:30:13		264		3.4		15.43		0.0							
12/03/2014		06:33:33		268		3.4		15.43		0.0							
12/03/2014		06:36:53		145		3.3		15.68		0.0							
12/03/2014		06:40:13		3		0.0		15.79		0.0							
12/03/2014		06:43:33		13		0.0		15.79		0.0							
12/03/2014		06:45:00		14		0.0		15.79		0.0		Shutdown					

Well		Field		Job Start		Customer		Job Number	
Linam # 2				Dec/03/2014		Parsons Brinckerhoff		2030594	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
12/03/2014	06:46:53	15	0.0	15.79	0.0				
12/03/2014	06:47:40	62	0.0	15.75	0.0	Start Displacement			
12/03/2014	06:50:13	219	6.8	8.72	0.0				
12/03/2014	06:53:33	200	6.5	8.38	0.0				
12/03/2014	06:56:53	201	6.8	8.37	0.0				
12/03/2014	07:00:13	309	8.2	8.95	0.0				
12/03/2014	07:03:33	326	8.2	9.00	0.0				
12/03/2014	07:06:53	319	8.2	9.00	0.0				
12/03/2014	07:10:13	335	8.2	9.00	0.0				
12/03/2014	07:13:33	318	8.2	9.00	0.0				
12/03/2014	07:16:53	321	8.2	9.00	0.0				
12/03/2014	07:20:13	323	8.2	8.99	0.0				
12/03/2014	07:23:33	319	8.2	9.00	0.0				
12/03/2014	07:26:53	330	8.2	9.00	0.0				
12/03/2014	07:30:13	313	8.2	9.00	0.0				
12/03/2014	07:33:33	320	8.2	9.00	0.0				
12/03/2014	07:36:53	308	8.2	9.00	0.0				
12/03/2014	07:40:13	315	8.2	9.00	0.0				
12/03/2014	07:43:00	334	8.2	9.00	0.0	slow rate wiper go thru tool			
12/03/2014	07:43:33	319	8.2	9.00	0.0				
12/03/2014	07:46:53	174	4.9	9.00	0.0				
12/03/2014	07:50:13	337	8.3	9.00	0.0				
12/03/2014	07:53:33	336	8.3	9.00	0.0				
12/03/2014	07:56:53	341	8.3	9.00	0.0				
12/03/2014	08:00:13	341	8.3	9.00	0.0				
12/03/2014	08:03:33	391	8.3	9.00	0.0				
12/03/2014	08:06:53	217	4.2	8.99	0.0				
12/03/2014	08:10:13	377	4.5	9.00	0.0				
12/03/2014	08:13:33	458	4.4	9.00	0.0				
12/03/2014	08:14:00	444	4.3	9.00	0.0	Bump Top Plug			
12/03/2014	08:15:00	447	4.3	9.00	0.0	check float			
12/03/2014	08:16:53	886	0.0	9.02	0.0				
12/03/2014	08:17:00	886	0.0	9.02	0.0	Drop bomb wiat 40 min.			
12/03/2014	08:20:13	18	0.0	9.01	0.0				
12/03/2014	08:23:33	15	0.0	9.01	0.0				
12/03/2014	08:26:53	16	0.0	9.00	0.0				
12/03/2014	08:30:00	17	0.0	9.00	0.0	proceed to open DV tool			
12/03/2014	08:30:13	18	0.0	9.00	0.0				

Well Linam # 2	Field	Job Start Dec/03/2014	Customer Parsons Brinckerhoff	Job Number 2030594
--------------------------	--------------	---------------------------------	---	------------------------------

Post Job Summary

Average Pump Rates, bbl/min				Volume of Fluid Injected, bbl			
Slurry 6.0	N2	Mud	Maximum Rate 8.0	Total Slurry 47.0	Mud 626.0	Spacer 30.0	N2
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum 1000	Final 900	Average 400	Bump Plug to 900	Breakdown	Type	Volume bbl	Density lb/gal
Avg. N2 Percent %	Designed Slurry Volume 47.0 bbl		Displacement 626.0 bbl	Mix Water Temp degF	Cement Circulated to Surface? <input type="checkbox"/>	Volume bbl	
Customer or Authorized Representative TJ Wally				Schlumberger Supervisor Eddie P. Lopez		Washed Thru Perfs <input type="checkbox"/>	To ft
						Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>
						-	-



Service Quality Evaluation

Client:	Parsons Brinckerhoff
Field:	
Rig:	Precision 107
Well:	Linam
Service Line:	Cementing
Job Type:	1st Stage - 95/8" - Interm.

Service Order #:	2030594
Date:	Dec/04/2014
Operating Time (hh:mm):	00:03
Client Rep:	TJ Wally
Schlumberger Engineer:	Eddie P. Lopez
Schlumberger FSM:	Cory Garrison

Main Objective: 95/8"-Interm job 1st stage..

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

		Score	Yes / No		Result
1	HSE				
1a	Free of lost time injury and compliance with SLB and loc. spec. HSE practice	5	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	5
1b	Free of environmental spill or non-compliant discharge	5	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	5
1c	Wellsite left clean	4	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	4
Sub-total					100%

2	Design / Preparation				
2a	Program incl. job simulation (CemCADE) & pump schedule / tool hydraulic calcs	3	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	3
2b	Equipment maintenance schedule completed / Green tagged	2	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	2
2c	All materials and equipment required for job/contingency checked & on location	2	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	2
2d	Safety / pre-job meeting conducted with all involved present	2	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	2
Sub-total					100%

3	Execution				
3a	Lost time < 30 mins	3	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	3
3b	Equipment pressure tested successfully	3	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	3
3c	All key parameters monitored and recorded accurately (Pressure, Rate, Density)	2	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	2
3d	Plugs / darts released and tested successfully	2	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	2
3e	Density variation met expectations	2	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	2
3f	Personnel performed as per expectations	2	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	2
3g	Equipment performed as per expectations	2	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	2
3h	Job pumped as per design	3	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	3
3i	Did job start on time	2	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	2
3j	Free of Operational failures (screen out, Cementing Example, etc.)	3	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	3
Sub-total					100%

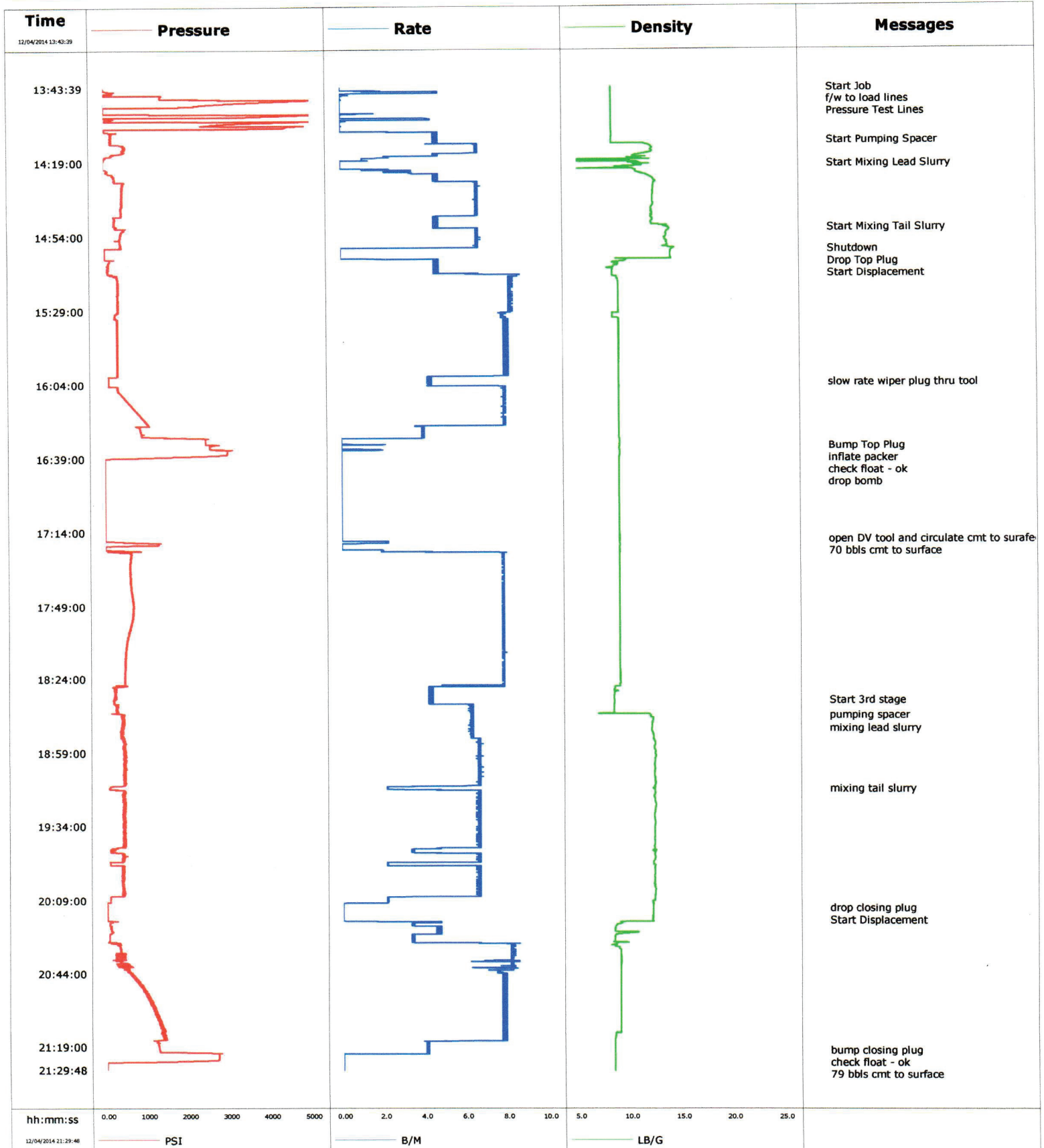
4	Evaluation				
4a	Main job objective achieved with no consequential non-productive time	10	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	10
Sub-total					100%

Total 100%

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

Client:	Schlumberger:
Good Job well done...	job well done..
Client Signature:	Schlumberger Signature:

Well	Linam	Client	Parsons Brinckerhoff
Field		SIR No.	2030594
Engineer	Eddie P. Lopez	Job Type	2nd 3rd Stage 9 5/8" Interm.
Country	United States	Job Date	12-05-2014



				Customer Parsons Brinckerhoff			Job Number 2030594						
Well Linam Linam			Location (legal) W. Hobbs			Schlumberger Location Hobbs			Job Start Dec/05/2014				
Field		Formation Name/Type			Deviation deg		Bit Size 12.3 in		Well MD ft		Well TVD ft		
County Lea		State/Province New Mexico			BHP psi		BHST degF		BHCT degF		Pore Press. Gradient lb/gal		
Well Master		API/UWI											
Rig Name Precision 107		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 Exploration		8098.0		9.6	47.0		110	8RD	
						0.0		0.0	0.0				
Drilling Fluid Type Bentonite		Max. Density 8.80 lb/gal		Plastic Viscosity cP		Tubing/Drill Pipe							
						T/D		Depth, ft	Size, in	Weight, lb/ft		Grade	Thread
Service Line Cementing		Job Type 2nd & 3rd Stage 9 5/8" Intern.											
Max. Allowed Tub. Press psi		Max. Allowed Ann. Press psi		WH Connection Single Cement head		Perforations/Open Hole							
						Top, ft		Bottom, ft	shot/ft		No. of Shots	Total Interval ft	
Service Instructions 2nd 3rd stage 9 5/8" - Intern.						ft		ft				Diameter in	
						ft		ft					
						Treat Down Casing		Displacement 593.0 bbl		Packer Type		Packer Depth ft	
						Tubing Vol. bbl		Casing Vol. 593.0 bbl		Annular Vol. 192.0 bbl		Openhole Vol. 302.0 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 950 psi		Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Type Guide		Shoe Depth 8098.0 ft		Squeeze Type		Tool Type	
No. Centralizers		Top Plugs		Bottom Plugs		Stage Tool Type DV		Stage Tool Depth 8098.0 ft		Tool Depth ft		Tail Pipe Size in	
Cement Head Type Single		Job Scheduled For Dec/05/2014 15:00		Arrived on Location Dec/05/2014 11:00		Leave Location Dec/05/2014 23:00		Collar Type Float		Collar Depth 8098.0 ft		Tail Pipe Depth ft	
										Sqz. Total Vol. bbl			
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message							
12/04/2014	13:43:39	-3	0.0	8.37	0.0	Shutdown							
12/04/2014	13:44:00	-2	0.0	8.37	0.0	Start Job							
12/04/2014	13:44:30	6	0.0	8.37	0.0	f/w to load lines							
12/04/2014	13:44:33	3	0.0	8.35	0.0	Pressure Test Lines							
12/04/2014	13:46:59	16	0.0	8.37	0.0								
12/04/2014	13:50:19	4515	0.0	8.36	0.0								
12/04/2014	13:53:39	4	0.0	8.37	0.0								
12/04/2014	13:56:59	4713	0.0	8.38	0.0								
12/04/2014	14:00:19	4091	0.0	8.37	0.0								
12/04/2014	14:03:39	4	0.0	8.37	0.0								
12/04/2014	14:06:59	179	4.7	8.40	0.0								
12/04/2014	14:09:00	178	4.7	8.38	0.0	Start Pumping Spacer							
12/04/2014	14:10:19	169	4.6	8.37	0.0								
12/04/2014	14:13:39	492	6.7	12.18	0.0								
12/04/2014	14:16:59	26	2.2	11.02	0.0								
12/04/2014	14:20:00	-3	0.0	11.00	0.0	Start Mixing Lead Slurry							
12/04/2014	14:20:19	-2	0.0	10.87	0.0								
12/04/2014	14:23:39	61	2.2	10.66	0.0								
12/04/2014	14:26:59	262	4.6	12.35	0.0								
12/04/2014	14:30:19	455	6.6	12.43	0.0								
12/04/2014	14:33:39	459	6.6	12.38	0.0								

Well		Field		Job Start		Customer		Job Number	
Linam Linam				Dec/05/2014		Parsons Brinckerhoff		2030594	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
12/04/2014	14:40:19	447	6.7	12.28	0.0				
12/04/2014	14:43:39	416	6.7	12.27	0.0				
12/04/2014	14:46:59	256	4.6	12.28	0.0				
12/04/2014	14:50:00	286	4.6	13.71	0.0	Start Mixing Tail Slurry			
12/04/2014	14:50:19	303	4.6	13.80	0.0				
12/04/2014	14:53:39	396	6.7	13.64	0.0				
12/04/2014	14:56:59	385	6.7	13.63	0.0				
12/04/2014	15:00:00	9	0.0	14.27	0.0	Shutdown			
12/04/2014	15:00:19	14	0.0	14.17	0.0				
12/04/2014	15:01:00	8	0.0	14.08	0.0	Drop Top Plug			
12/04/2014	15:01:10	13	0.0	14.06	0.0	Start Displacement			
12/04/2014	15:03:39	16	0.0	14.04	0.0				
12/04/2014	15:06:59	106	4.5	8.98	0.0				
12/04/2014	15:10:19	100	4.6	8.37	0.0				
12/04/2014	15:13:39	319	8.1	8.81	0.0				
12/04/2014	15:16:59	332	8.2	8.97	0.0				
12/04/2014	15:20:19	330	8.1	8.97	0.0				
12/04/2014	15:23:39	327	8.1	8.98	0.0				
12/04/2014	15:26:59	322	8.1	8.98	0.0				
12/04/2014	15:30:19	311	7.8	8.98	0.0				
12/04/2014	15:33:39	306	7.9	8.98	0.0				
12/04/2014	15:36:59	316	7.9	8.98	0.0				
12/04/2014	15:40:19	312	8.0	8.98	0.0				
12/04/2014	15:43:39	326	7.9	8.98	0.0				
12/04/2014	15:46:59	317	8.0	8.98	0.0				
12/04/2014	15:50:19	324	7.9	8.98	0.0				
12/04/2014	15:53:39	316	8.0	8.98	0.0				
12/04/2014	15:56:59	317	8.1	8.97	0.0				
12/04/2014	16:00:19	317	7.9	8.98	0.0				
12/04/2014	16:03:00	106	4.3	8.97	0.0	slow rate wiper plug thru tool			
12/04/2014	16:03:39	108	4.4	8.98	0.0				
12/04/2014	16:06:59	312	7.9	8.98	0.0				
12/04/2014	16:10:19	463	7.9	8.98	0.0				
12/04/2014	16:13:39	611	7.9	8.97	0.0				
12/04/2014	16:16:59	770	7.9	8.97	0.0				
12/04/2014	16:20:19	920	7.9	8.97	0.0				
12/04/2014	16:23:39	1072	7.9	8.97	0.0				
12/04/2014	16:26:59	884	3.9	8.96	0.0				
12/04/2014	16:30:19	2440	0.0	9.01	0.0				
12/04/2014	16:33:00	2631	0.0	8.99	0.0	Bump Top Plug			
12/04/2014	16:33:39	2540	0.0	8.98	0.0				
12/04/2014	16:35:50	2965	0.0	8.99	0.0	inflate packer			
12/04/2014	16:36:00	2964	0.0	8.99	0.0	check float - ok			
12/04/2014	16:36:20	2963	0.0	8.98	0.0	drop bomb			
12/04/2014	16:36:59	2961	0.0	8.98	0.0				
12/04/2014	16:40:19	7	0.0	8.98	0.0				
12/04/2014	16:43:39	7	0.0	8.97	0.0				
12/04/2014	16:46:59	6	0.0	8.97	0.0				
12/04/2014	16:50:19	6	0.0	8.97	0.0				
12/04/2014	16:53:39	5	0.0	8.97	0.0				
12/04/2014	16:56:59	5	0.0	8.97	0.0				
12/04/2014	17:00:19	5	0.0	8.97	0.0				
12/04/2014	17:03:39	5	0.0	8.98	0.0				
12/04/2014	17:06:59	5	0.0	8.98	0.0				

Well		Field		Job Start		Customer		Job Number	
Linam Linam				Dec/05/2014		Parsons Brinckerhoff		2030594	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
12/04/2014	17:13:39	5	0.0	8.98	0.0				
12/04/2014	17:16:56	5	0.0	8.98	0.0	open DV tool and circulate cmt to surafec			
12/04/2014	17:16:59	4	0.0	8.98	0.0				
12/04/2014	17:20:19	422	0.0	8.98	0.0				
12/04/2014	17:20:52	6	0.0	8.98	0.0	70 bbls cmt to surface			
12/04/2014	17:23:39	587	7.9	8.96	0.0				
12/04/2014	17:26:59	610	7.9	8.96	0.0				
12/04/2014	17:30:19	600	7.9	8.96	0.0				
12/04/2014	17:33:39	602	7.9	8.97	0.0				
12/04/2014	17:36:59	613	7.9	8.96	0.0				
12/04/2014	17:40:19	615	7.9	8.96	0.0				
12/04/2014	17:43:39	637	7.9	8.96	0.0				
12/04/2014	17:46:59	672	7.9	8.96	0.0				
12/04/2014	17:50:19	673	7.9	8.96	0.0				
12/04/2014	17:53:39	668	7.9	8.96	0.0				
12/04/2014	17:56:59	641	7.9	8.97	0.0				
12/04/2014	18:00:19	585	7.9	8.97	0.0				
12/04/2014	18:03:39	548	7.9	8.97	0.0				
12/04/2014	18:06:59	525	7.9	8.98	0.0				
12/04/2014	18:10:19	503	7.9	8.97	0.0				
12/04/2014	18:13:39	481	7.7	8.98	0.0				
12/04/2014	18:16:59	473	7.9	8.98	0.0				
12/04/2014	18:20:19	457	7.9	8.98	0.0				
12/04/2014	18:23:39	454	7.9	8.98	0.0				
12/04/2014	18:26:59	453	7.9	8.94	0.0				
12/04/2014	18:30:19	229	4.4	8.42	0.0				
12/04/2014	18:33:39	196	4.4	8.37	0.0				
12/04/2014	18:33:40	244	4.3	8.37	0.0	Start 3rd stage			
12/04/2014	18:36:59	243	6.3	8.38	0.0				
12/04/2014	18:40:19	276	6.3	8.43	0.0				
12/04/2014	18:40:50	433	6.3	11.82	0.0	pumping spacer			
12/04/2014	18:43:39	414	6.2	12.13	0.0				
12/04/2014	18:46:59	420	6.3	12.05	0.0				
12/04/2014	18:47:08	420	6.3	12.04	0.0	mixing lead slurry			
12/04/2014	18:50:19	367	6.3	12.17	0.0				
12/04/2014	18:53:39	423	6.7	12.28	0.0				
12/04/2014	18:56:59	424	6.7	12.23	0.0				
12/04/2014	19:00:19	423	6.7	12.42	0.0				
12/04/2014	19:03:39	435	6.7	12.29	0.0				
12/04/2014	19:06:59	430	6.7	12.31	0.0				
12/04/2014	19:10:19	430	6.7	12.31	0.0				
12/04/2014	19:13:39	444	6.7	12.38	0.0				
12/04/2014	19:15:33	88	2.2	12.20	0.0	mixing tail slurry			
12/04/2014	19:16:59	409	6.7	12.28	0.0				
12/04/2014	19:20:19	421	6.7	12.26	0.0				
12/04/2014	19:23:39	441	6.7	12.41	0.0				
12/04/2014	19:26:59	445	6.7	12.32	0.0				
12/04/2014	19:30:19	422	6.7	12.29	0.0				
12/04/2014	19:33:39	429	6.6	12.30	0.0				
12/04/2014	19:36:59	431	6.6	12.29	0.0				
12/04/2014	19:40:19	443	6.6	12.30	0.0				
12/04/2014	19:43:39	438	6.6	12.24	0.0				
12/04/2014	19:46:59	401	6.4	12.26	0.0				
12/04/2014	19:50:19	419	6.7	12.20	0.0				

Well		Field		Job Start		Customer		Job Number	
Linam Linam				Dec/05/2014		Parsons Brinckerhoff		2030594	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
12/04/2014	19:56:59	371	6.7	12.27	0.0				
12/04/2014	20:00:19	406	6.7	12.28	0.0				
12/04/2014	20:03:39	397	6.6	12.38	0.0				
12/04/2014	20:06:59	402	6.6	12.30	0.0				
12/04/2014	20:10:19	38	1.5	12.07	0.0				
12/04/2014	20:12:06	21	0.0	12.09	0.0	drop closing plug			
12/04/2014	20:12:15	23	0.0	12.09	0.0	Start Displacement			
12/04/2014	20:13:39	21	0.0	12.08	0.0				
12/04/2014	20:16:59	22	0.0	12.08	0.0				
12/04/2014	20:20:19	71	3.4	8.57	0.0				
12/04/2014	20:23:39	110	4.5	8.38	0.0				
12/04/2014	20:26:59	68	3.4	8.38	0.0				
12/04/2014	20:30:19	286	8.1	8.41	0.0				
12/04/2014	20:33:39	332	8.1	8.97	0.0				
12/04/2014	20:36:59	421	8.2	8.98	0.0				
12/04/2014	20:40:19	255	8.2	8.98	0.0				
12/04/2014	20:43:39	550	7.9	8.97	0.0				
12/04/2014	20:46:59	751	7.8	8.97	0.0				
12/04/2014	20:50:19	882	7.8	8.96	0.0				
12/04/2014	20:53:39	949	7.8	8.95	0.0				
12/04/2014	20:56:59	1081	7.9	8.95	0.0				
12/04/2014	21:00:19	1116	7.7	8.95	0.0				
12/04/2014	21:03:39	1175	7.8	8.95	0.0				
12/04/2014	21:06:59	1317	7.8	8.95	0.0				
12/04/2014	21:10:19	1317	7.9	8.95	0.0				
12/04/2014	21:13:39	1408	7.8	8.42	0.0				
12/04/2014	21:16:59	1227	4.1	8.37	0.0				
12/04/2014	21:20:00	1262	4.0	8.37	0.0	bump closing plug			
12/04/2014	21:20:19	1273	4.0	8.37	0.0				
12/04/2014	21:21:00	1273	4.1	8.37	0.0	check float - ok			
12/04/2014	21:22:00	2608	4.1	8.37	0.0	79 bbls cmt to surface			
12/04/2014	21:23:39	2716	0.0	8.37	0.0				

Post Job Summary

Average Pump Rates, bbl/min				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
6.0			8.0	232.0	593.0	30.0	
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density
2500	2450	1100	2450			bbl	lb/gal
Avg. N2 Percent %	Designed Slurry Volume	Displacement	Mix Water Temp	Cement Circulated to Surface?	<input checked="" type="checkbox"/>	Volume	70.0 bbl
	0.0 bbl	593.0 bbl	75 degF	Washed Thru Perfs	<input type="checkbox"/>	To	ft
Customer or Authorized Representative			Schlumberger Supervisor	Circulation Lost	<input type="checkbox"/>	Job Completed	<input checked="" type="checkbox"/>
TJ Wally			Eddie P. Lopez	-		-	

Production



Dispatch Report for i-District Job: 2030595

Customer Name: Parsons Brinckerhoff	Person Taking Call: Lorena/Selena	Location: Hobbs, NM WS	Province: Not Applicable	Order Date: 9/25/2014	Job Number: 2030595
Service Order Number: D3RM-00245	Service Line: Cement	Supervisor:		Legal Location:	
Well Name and Number: Linam #2 -	Pad/Platform:	Field: Red Hills West	County:	State/Prov:	
Well Master Number:	API/UWI:	Rig Name: PRECISION #107	Well Age:	Sales Engineer: Perono, Fred	
Job Type: Cement – 7" Production Casing	Time Well Ready: 12/12/2014 12:00 AM	Deviation: 0 deg	Hole Size: 8.5 in	Well MD: 9100 ft	
Well TVD: 9100 ft	BHP: 3900 psi	BHST: 154 °F	BHCT: 136 °F	Treat Down: Casing	
Packer Type:	Packer Depth: 0 in	Well Head Connection: Conventional	HHP on Location: 197.04 hhp	Max Allowed Pressure: 5000 psi	
Max Allowed Ann Pressure: 5500 psi		No of Stages/SubJobs:		FTL Ticket/Quote Number :	
Expected on Location:	Ready to Pump:	Job Start Date: 12/12/2014 3:30 AM	Job End Date: 12/13/2014 3:30 AM		
Rig Up Time:		Rig Down Time:			
Client Contact					
Name	Voice	Fax	Email	Title	Company
Roger Ramos					
Resources					
Personnel	Equipment 1	Equipment 2	Assignment	Note	
		2CSS14883 - 2CSS14883	12/12/2014 3:30 AM - 12/13/2014 3:30 AM	#1-435SX 2ND STG TAIL (LT07) HAULED BY LAZARUS 12/11/14RK.	
	2TRAL35371 - 2TRAL35371	2CTF26189 - 2CTF26189	12/12/2014 3:30 AM - 12/13/2014 3:30 AM	LOADED WITH 175SX EVERCRETE 12/10/14RK.	
	2TRAL51623 - 2TRAL51623	2CTF50320 - 2CTF50320	12/12/2014 3:30 AM - 12/13/2014 3:30 AM	LOADED WITH (F)- 1ST STG MPE (B)- 2ND STG MPE. 12-11-14ATR	
	2TRAL27690 - 2TRAL27690	2CTF27182 HYD - 2CTF27182	12/12/2014 3:30 AM - 12/13/2014 3:30 AM	LOADED WITH 290SXS 2ND STG TAIL. 12-11-14ATR	
	2TRAL51627 - 2TRAL51627	2CTF50319 - 2CTF50319	12/12/2014 3:30 AM - 12/13/2014 3:30 AM	LOADED WITH 145SXS 2ND STG TAIL. 12-11-14ATR	
Casing/Tubing					
String Type	Depth	Size	Weight	Grade	Thread
Casing	9100 ft	7 in	26 lb/ft	P-110 - Specs to be confirmed by FC	Specs to be confirmed by FC
Service Instructions: Cement 7" Production casing as per design and company rep.					

Perforations				
Top	Bottom	SPF	No of Shots	Formation Name
Total Interval:			Diameter:	
Notes: Take Batchmixer				
Directions:				
Materials				
Name	Code	Description	Quantity	Note
D206	D206	Antifoaming Agent D206	25 gal	For Spacer, to be determine by Lab

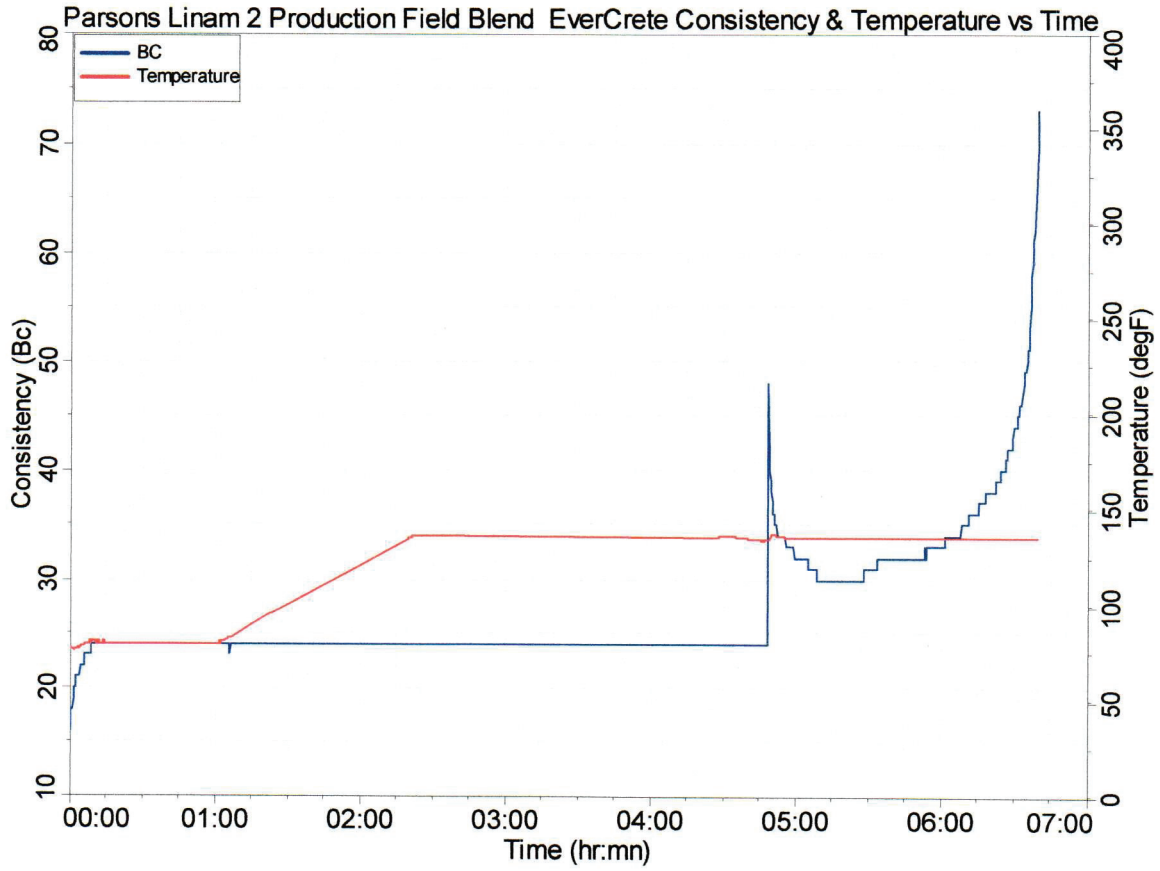
Fluid Systems:

MPE Stg1 AND STG 2				
Load with highlighted excess				
For Both stgs 25 for each stg				
<i>Sacks Of:</i>	Cement	<i>Total Blend/Cem:</i>		
<i>Sack Weight:</i>		<i>Dry Blend Code:</i>		
<i>Yield:</i>		<i>Final Fluid Density:</i>		12 lb/gal
<i>Mix Water:</i>		<i>Base Fluid Den:</i>		8.33 lb/mgal
<i>Mix Fluid:</i>		<i>Volume:</i>		50 bbl
<i>Mix Water Den:</i>		<i>Base Fluid Vol:</i>		1000 gal
<i>Sacks Blend/Cem:</i>		<i>Acid Volume:</i>		
<i>Total Mix Water:</i>		<i>Acid Conc:</i>		
<i>Total Mix Fluid:</i>				
Load out Excess				
Code	Conc	Design	Total by design	Load out with excess
B389	1 lb/bbl	BWOSpacerV O	50 lb	75 lb
D206	0.2 gal/bbl	BVOSpacerV O	10 gal	15 gal
D031	199.89 lb/bbl	BWOSpacerV O	9994.5 lb	15000 lb

2CTF 50320 was already loaded with 75lbs B389 and 1536 lb of D031, Have the Bulk Plant add Barite to meet the above volumes.

16 ppg EverCRETE STG 1				
207 sks EverCRETE STG 1				
LOADED 157 SKS				
LACKING 50 SKS				
Sacks Of:	Cement	Total Blend/Cem:	20700 lb	
Sack Weight:	100 lb	Dry Blend Code:		
Yield:	1.12 ft ³ /sk	Final Fluid Density:	16 lb/gal	
Mix Water:	3.48 ft ³ /sk	Base Fluid Den:		
Mix Fluid:	3.54 ft ³ /sk	Volume:	31.3 bbl	
Mix Water Den:	8.33 lb/gal	Base Fluid Vol:		
Sacks Blend/Cem:	207 sks	Acid Volume:		
Total Mix Water:	720.36 ft ³	Acid Conc:		
Total Mix Fluid:	732.78 ft ³			
Load out Excess				
Code	Conc	Design	Total by design	Load out with excess
D189A	29 lb/sk	WTSK	6003 lb	6003 lb
S100	59 lb/sk	WTSK	12213 lb	12213 lb
D195	2 lb/sk	WTSK	414 lb	414 lb
D178	10 lb/sk	WTSK	2070 lb	2070 lb
D065	0.2 %	BWOB	41.4 lb	41.4 lb
D167	0.3 %	BWOB	62.1 lb	62.1 lb
D174	4.35 %	BWOB	900.45 lb	900.45 lb
D206	0.02 gal/sk	VOLSACK	4.14 gal	4.14 gal
D177	0.04 gal/sk	VOLSACK	8.28 gal	8.28 gal

13.2 ppg Tail STG 2				
870 sks STG 2				
LOADED 870 SKS				
Sacks Of:	Cement	Total Blend/Cem:	65250 lb	
Sack Weight:	75 lb	Dry Blend Code:		
Yield:	1.34 ft ³ /sk	Final Fluid Density:	13.2 lb/gal	
Mix Water:	6.76 ft ³ /sk	Base Fluid Den:		
Mix Fluid:	6.76 ft ³ /sk	Volume:	207.4 bbl	
Mix Water Den:	8.33 lb/gal	Base Fluid Vol:		
Sacks Blend/Cem:	870 sks	Acid Volume:		
Total Mix Water:	5881.2 gal	Acid Conc:		
Total Mix Fluid:				
Load out Excess				
Code	Conc	Design	Total by design	Load out with excess
D049	75 lb/sk	WTSK	65250 lb	65250 lb
D046	0.2 %	BWOC	130.5 lb	130.5 lb
D013	0.4 %	BWOC	261 lb	261 lb
D065	0.2 %	BWOC	130.5 lb	130.5 lb
D020	0.5 %	BWOC	326.25 lb	326.25 lb



*Location water = 0 mg/L of Chloride

Parsons Linam 2 Production Field Blend Tail

Fluid No : HNM14C677004	Client : Parsons	Location / Rig : Lea	Signatures P. Quintana, LT1 K. Hamburg
Date : Dec-11-2014	Well Name : Linam #2	Field :	

Job Type	Production	Depth	8100.0 ft	TVD	8100.0 ft
BHST	146 degF	BHCT	125 degF	BHP	4970 psi
Starting Temp.	80 degF	Time to Temp.	00:46 hr:mn	Heating Rate	0.98 degF/min
Starting Pressure	555 psi	Time to Pressure	00:46 hr:mn	Schedule	9.6-1

Composition

Slurry Density	13.20 lb/gal	Yield	1.34 ft³/sk	Mix Fluid	6.757 gal/sk
Solid Vol. Fraction	32.5 %	Porosity	67.5 %	Slurry type	Conventional

Code	Concentration	Sack Reference	Component	Blend Density	Lot Number
D049		75 lb of BLEND	Blend	176.05 lb/ft³	FB3088
Fresh water	6.757 gal/sk		Base Fluid		Tap
D046	0.200 %BWOC		Antifoam		CW4J0265A1
D013	0.400 %BWOC		Retarder		KB08E155296
D065	0.200 %BWOC		Dispersant		BA17DP22
D020	0.500 %BWOC		Extender		Bulk

Rheology

Temperature (rpm)	80 degF			125 degF		
	Up (deg)	Down (deg)	Average (deg)	Up (deg)	Down (deg)	Average (deg)
300	17.0	17.0	17.0	63.0	63.0	63.0
200	14.0	13.0	13.5	56.0	51.0	53.5
100	11.0	10.0	10.5	47.0	42.0	44.5
60	8.0	7.0	7.5	40.0	39.0	39.5
30	6.0	6.0	6.0	36.0	34.0	35.0
6	5.0	5.0	5.0	20.0	19.0	19.5
3	4.0	3.0	3.5	16.0	15.0	15.5
10 sec Gel	4 deg - 4.27 lbf/100ft ²			18 deg - 19.21 lbf/100ft ²		
10 min Gel	9 deg - 9.61 lbf/100ft ²			18 deg - 19.21 lbf/100ft ²		
Rheo. computed	Viscosity : 12.322 cP Yield Point : 5.25 lbf/100ft ²			Viscosity : 30.465 cP Yield Point : 33.10 lbf/100ft ²		

Thickening Time

Consistency	Time
POD :	02:58 hr:mn
30 Bc	03:45 hr:mn
50 Bc	04:34 hr:mn
70 Bc	04:43 hr:mn

UCA Compressive Strength

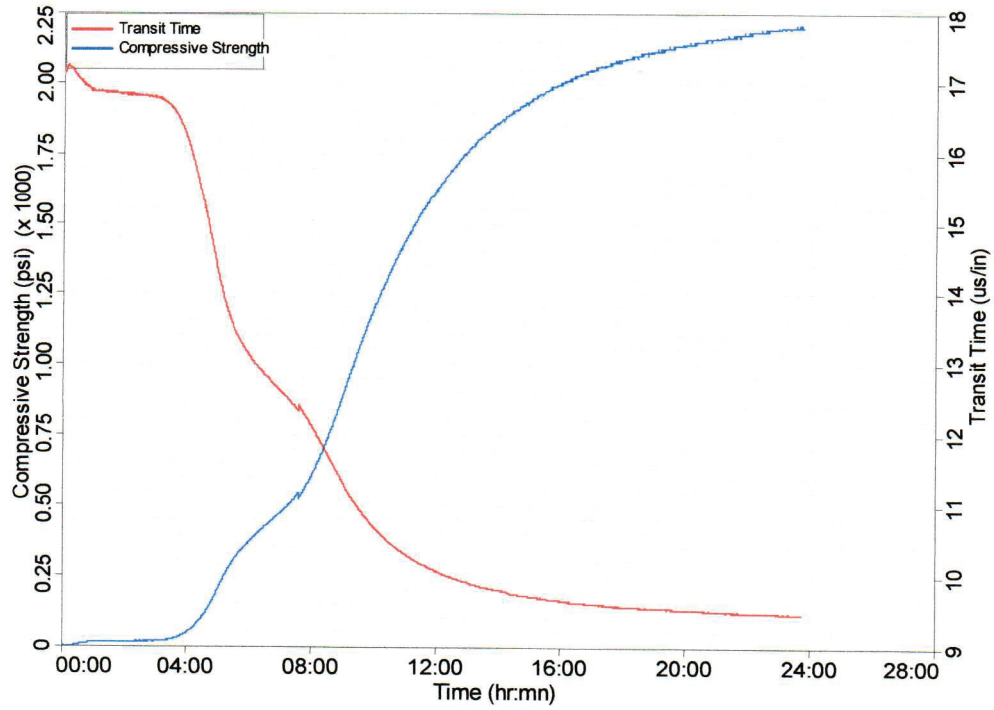
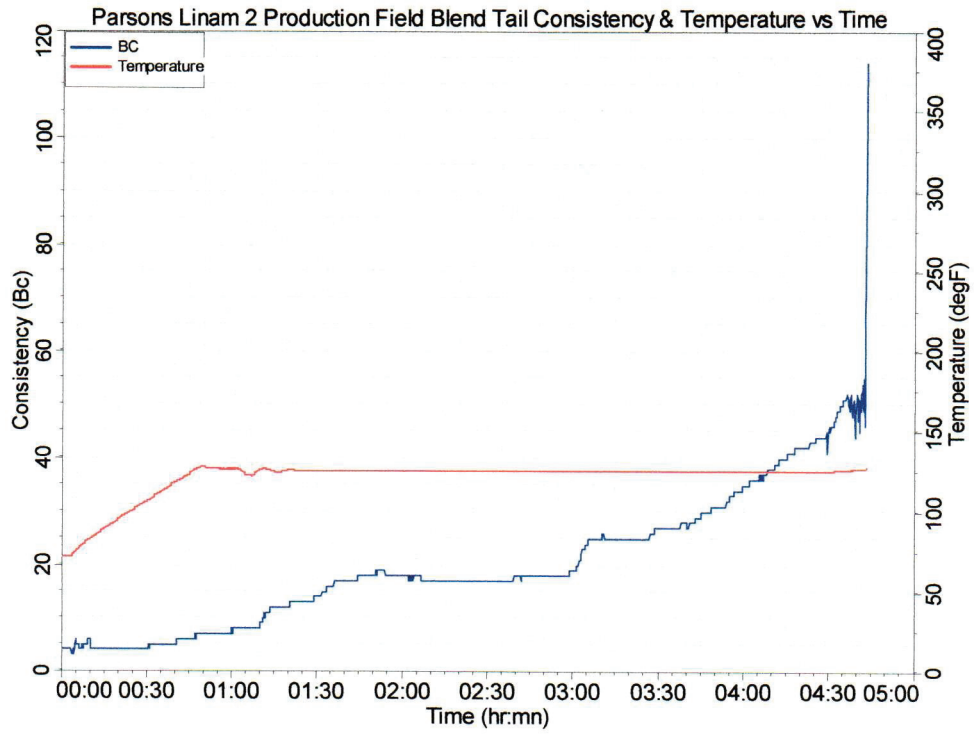
Time	CS
04:03 hr:mn	50 psi
07:15 hr:mn	500 psi
12:00 hr:mn	1626 psi
23:00 hr:mn	2191 psi

Free Fluid

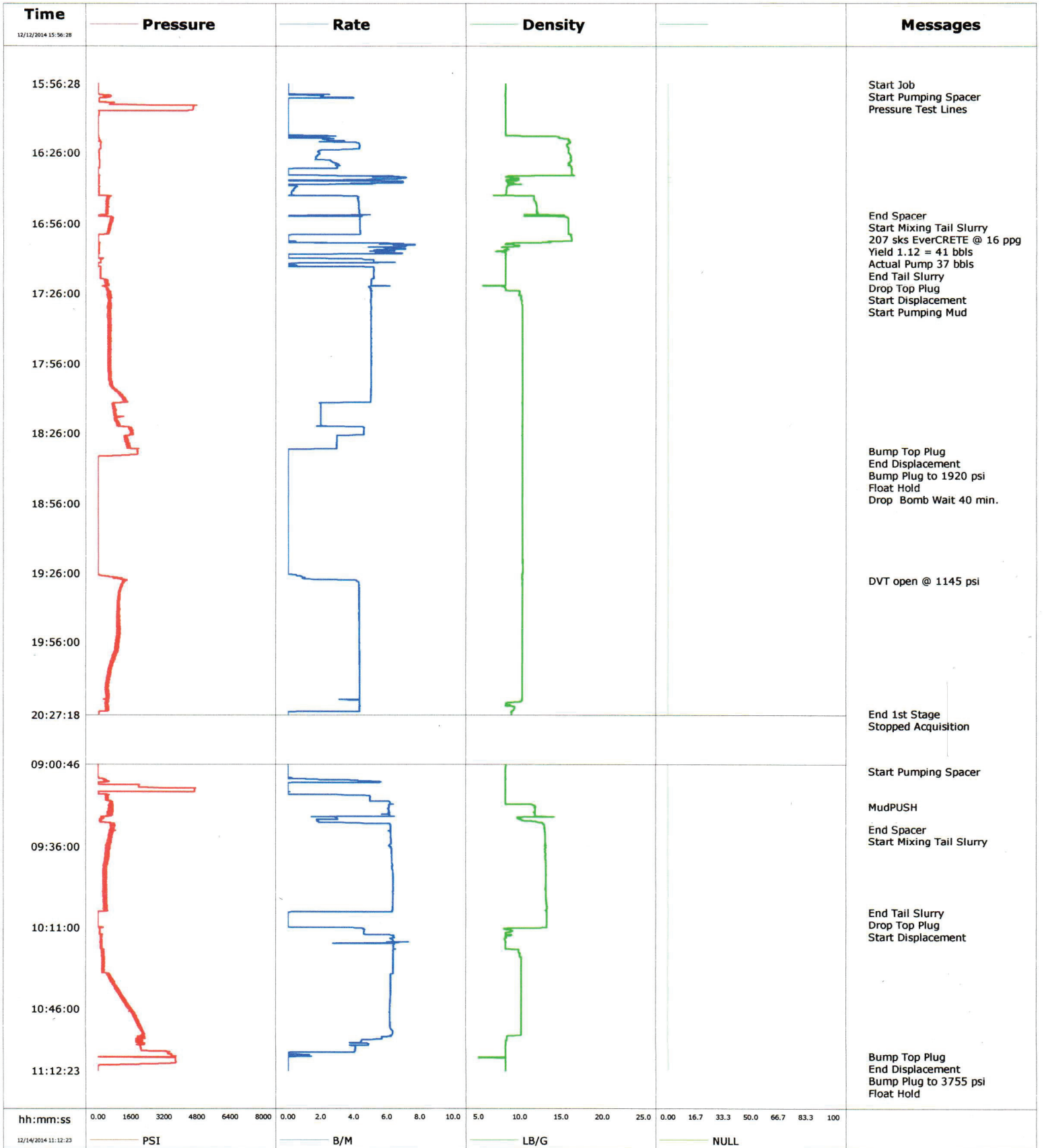
0.0 mL/250mL in 2 hrs
At 125 degF and 0 deg incl
Sedimentation : None

Comments

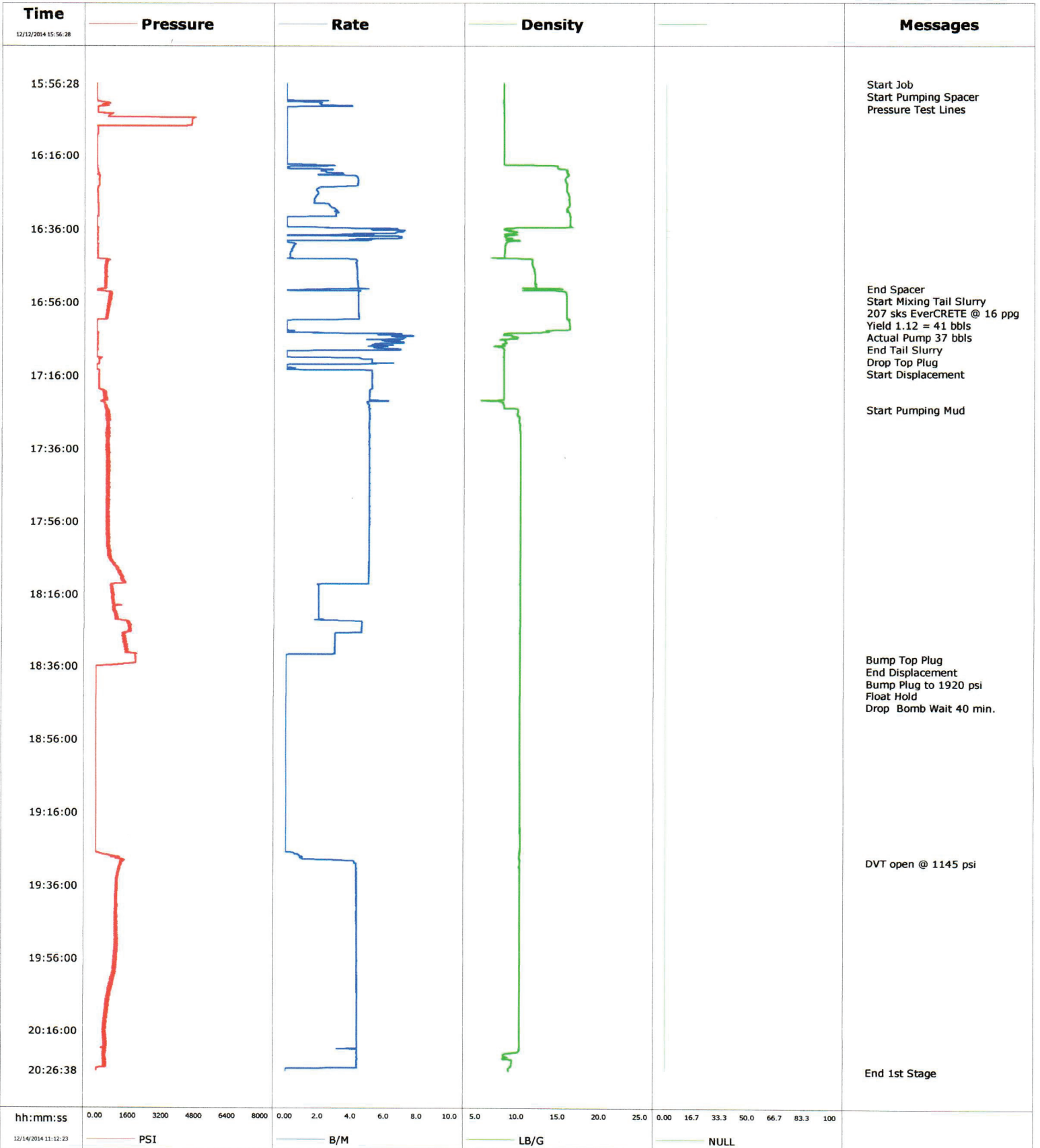
Thickening Time Comment : Go/NoGo: 10min@51min



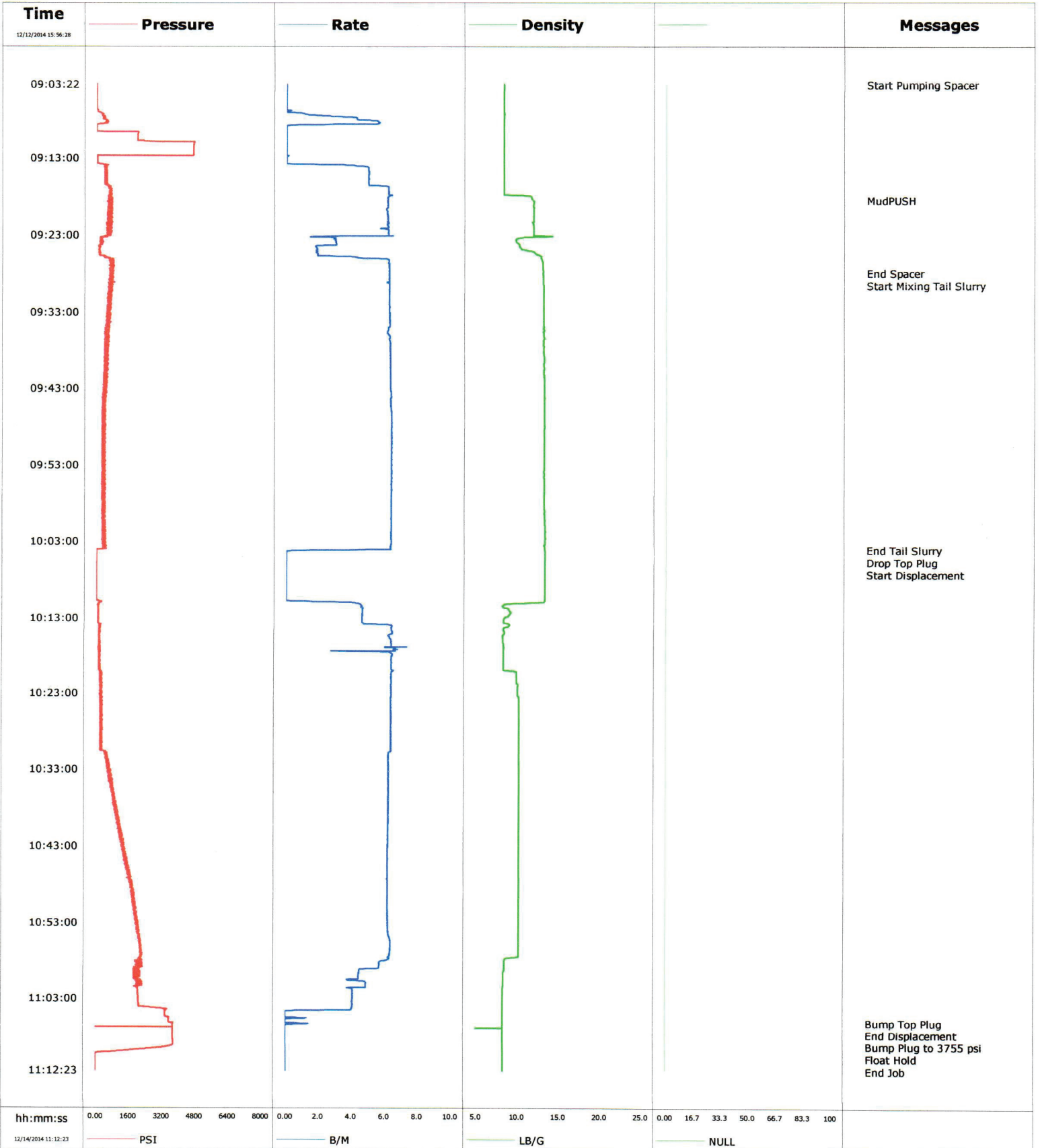
Well	Linam	Client	Parsons Brinkerhoff
Field	Red Hills West	SIR No.	D3RM-00245
Engineer	Jose Carmona	Job Type	7" Production
Country	United States	Job Date	12-12-2014



Well	Linam	Client	Parsons Brinkerhoff
Field	Red Hills West	SIR No.	D3RM-00245
Engineer	Jose Carmona	Job Type	1st Stage
Country	United States	Job Date	12-12-2014



Well	Linam	Client	Parsons Brinkerhoff
Field	Red Hills West	SIR No.	D3RM-00245
Engineer	Jose Carmona	Job Type	2nd Stage
Country	United States	Job Date	12-12-2014



				Customer Parsons Brinkerhoff				Job Number D3RM-00245									
Well Linam 2				Location (legal)				Schlumberger Location Hobbs NM.				Job Start Dec/12/2014					
Field Red Hills West				Formation Name/Type				Deviation deg		Bit Size 8.5 in		Well MD 9204.0 ft		Well TVD 9204.0 ft			
County Lead				State/Province New Mexico				BHP psi		BHST 154 degF		BHCT 136 degF		Pore Press. Gradient lb/gal			
Well Master 0631589525				API/UWI 30-025-42139													
Rig Name Precision #107		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		9204.0		7.0		26.0		N80		8RD			
						0.0		0.0		0.0							
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 7" Production															
Max. Allowed Tub. Press psi		Max. Allowed Ann. Press psi		WH Connection Single Cement head		Perforations/Open Hole											
						Top, ft		Bottom, ft		shot/ft		No. of Shots		Total Interval ft			
						ft		ft						Diameter in			
						ft		ft									
Service Instructions Cement 7" Production Casing 1st Tail 207 sks @ 16 ppg Yield 1.12 = 41 bbls 2nd Tail 970 sks @ 13.2 ppg Yield 1.34 = 231 bbls 1st Stage Got MudPUSH Spacer back to surface 2nd Stage 30 bbls back to surface = 125 sks								Treat Down Casing		Displacement 351.0 bbl		Packer Type		Packer Depth ft			
								Tubing Vol. bbl		Casing Vol. 353.0 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 9204.0 ft				Tool Type					
No. Centralizers				Top Plugs		Bottom Plugs		Stage Tool Type DVT				Tool Depth ft					
Cement Head Type Single				Stage Tool Depth 8092.0 ft				Tail Pipe Size in									
Job Scheduled For Dec/12/2014		Arrived on Location Dec/12/2014		Leave Location Dec/12/2014		Collar Type Float				Tail Pipe Depth ft							
						Collar Depth 9156.0 ft				Sqz. Total Vol. bbl							
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message											
12/12/2014	15:56:28	13	0.0	8.33	0.0	Started Acquisition											
12/12/2014	15:56:33	13	0.0	8.33	0.0	Start Job											
12/12/2014	15:56:34	13	0.0	8.33	0.0	Start Pumping Spacer											
12/12/2014	15:56:37	14	0.0	8.33	0.0	Pressure Test Lines											
12/12/2014	15:59:48	10	0.0	8.33	0.0												
12/12/2014	16:03:08	64	0.0	8.33	3.3												
12/12/2014	16:06:28	4619	0.0	8.33	3.3												
12/12/2014	16:09:48	57	0.0	8.33	3.3												
12/12/2014	16:13:08	7	0.0	8.33	3.3												
12/12/2014	16:16:28	4	0.0	8.33	3.3												
12/12/2014	16:19:48	56	2.5	15.26	4.7												
12/12/2014	16:23:08	130	4.3	15.80	16.4												
12/12/2014	16:26:28	51	1.9	16.08	26.0												
12/12/2014	16:29:48	88	2.6	16.24	32.4												
12/12/2014	16:33:08	2	0.0	16.37	41.0												
12/12/2014	16:36:28	67	7.1	9.05	45.4												
12/12/2014	16:39:48	8	0.3	8.71	60.5												
12/12/2014	16:43:08	55	0.2	8.44	61.6												
12/12/2014	16:46:28	424	4.3	11.85	71.4												
12/12/2014	16:49:48	457	4.3	12.08	85.7												
12/12/2014	16:52:27	127	4.4	13.92	97.1	End Spacer											

Well		Field		Job Start		Customer		Job Number	
Linam 2		Red Hills West		Dec/12/2014		Parsons Brinkerhoff		D3RM-00245	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
12/12/2014	16:52:40	44	1.3	13.87	97.7	207 sks EverCRETE @ 16 ppg			
12/12/2014	16:53:08	485	4.4	15.07	98.4				
12/12/2014	16:53:11	601	4.4	15.30	98.6	Yield 1.12 = 41 bbls			
12/12/2014	16:56:28	595	4.4	15.92	112.9				
12/12/2014	16:59:48	552	4.4	15.90	127.4				
12/12/2014	17:00:27	514	4.4	15.90	130.3	Actual Pump 37 bbls			
12/12/2014	17:01:07	28	0.1	16.22	132.6	End Tail Slurry			
12/12/2014	17:01:09	26	0.0	16.19	132.6	Drop Top Plug			
12/12/2014	17:01:10	26	0.0	16.18	132.6	Start Displacement			
12/12/2014	17:03:08	23	0.0	16.34	132.6				
12/12/2014	17:06:28	24	6.8	7.99	145.2				
12/12/2014	17:09:48	9	0.0	8.36	162.6				
12/12/2014	17:13:08	11	3.1	8.35	171.9				
12/12/2014	17:16:28	119	5.2	8.33	181.6				
12/12/2014	17:19:48	205	5.1	8.33	198.9				
12/12/2014	17:23:08	340	5.0	7.86	215.9				
12/12/2014	17:25:16	480	5.0	9.98	226.6	Start Pumping Mud			
12/12/2014	17:26:28	593	5.0	10.03	232.6				
12/12/2014	17:29:48	550	5.0	10.35	249.4				
12/12/2014	17:33:08	551	5.0	10.38	266.1				
12/12/2014	17:36:28	500	5.0	10.39	282.9				
12/12/2014	17:39:48	507	5.0	10.39	299.7				
12/12/2014	17:43:08	500	5.0	10.39	316.5				
12/12/2014	17:46:28	490	5.0	10.39	333.3				
12/12/2014	17:49:48	500	5.0	10.39	350.0				
12/12/2014	17:53:08	502	5.0	10.38	366.8				
12/12/2014	17:56:28	494	5.0	10.38	383.6				
12/12/2014	17:59:48	520	5.0	10.38	400.4				
12/12/2014	18:03:08	514	5.0	10.38	417.2				
12/12/2014	18:06:28	655	5.0	10.38	433.9				
12/12/2014	18:09:48	1102	5.0	10.37	450.7				
12/12/2014	18:13:08	927	2.2	10.33	467.2				
12/12/2014	18:16:28	791	2.0	10.37	473.8				
12/12/2014	18:19:48	791	2.0	10.37	480.5				
12/12/2014	18:23:08	1127	2.7	10.37	487.1				
12/12/2014	18:26:28	1661	4.6	10.37	502.2				
12/12/2014	18:29:48	1455	3.0	10.36	512.9				
12/12/2014	18:33:08	1916	0.0	10.38	521.6				
12/12/2014	18:33:36	1919	0.0	10.38	521.6	Bump Top Plug			
12/12/2014	18:33:37	1919	0.0	10.38	521.6	End Displacement			
12/12/2014	18:33:53	1919	0.0	10.38	521.6	Bump Plug to 1920 psi			
12/12/2014	18:36:15	11	0.0	10.38	521.6	Float Hold			
12/12/2014	18:36:28	10	0.0	10.38	521.6				
12/12/2014	18:38:05	7	0.0	10.38	521.6	Drop Bomb Wait 40 min.			
12/12/2014	18:39:48	9	0.0	10.38	521.6				
12/12/2014	18:43:08	9	0.0	10.38	521.6				
12/12/2014	18:46:28	8	0.0	10.38	521.6				
12/12/2014	18:49:48	8	0.0	10.38	521.6				
12/12/2014	18:53:08	9	0.0	10.39	521.6				
12/12/2014	18:56:28	8	0.0	10.39	521.6				
12/12/2014	18:59:48	8	0.0	10.39	521.6				
12/12/2014	19:03:08	8	0.0	10.39	521.6				
12/12/2014	19:06:28	8	0.0	10.40	521.6				
12/12/2014	19:09:48	9	0.0	10.40	521.6				

Well		Field		Job Start		Customer		Job Number	
Linam 2		Red Hills West		Dec/12/2014		Parsons Brinkerhoff		D3RM-00245	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
12/12/2014	19:16:28	9	0.0	10.41	521.6				
12/12/2014	19:19:48	9	0.0	10.41	521.6				
12/12/2014	19:23:08	9	0.0	10.42	521.6				
12/12/2014	19:26:28	7	0.0	10.42	521.6				
12/12/2014	19:29:04	1307	3.8	10.40	524.1	DVT open @ 1145 psi			
12/12/2014	19:29:48	1226	4.2	10.36	527.1				
12/12/2014	19:33:08	1043	4.3	10.37	541.5				
12/12/2014	19:36:28	1035	4.3	10.37	555.8				
12/12/2014	19:39:48	959	4.3	10.36	570.2				
12/12/2014	19:43:08	994	4.3	10.36	584.6				
12/12/2014	19:46:28	993	4.3	10.36	599.0				
12/12/2014	19:49:48	999	4.3	10.36	613.4				
12/12/2014	19:53:08	970	4.3	10.36	627.8				
12/12/2014	19:56:28	1036	4.3	10.36	642.2				
12/12/2014	19:59:48	906	4.3	10.36	656.7				
12/12/2014	20:03:08	669	4.3	10.36	671.1				
12/12/2014	20:06:28	588	4.3	10.36	685.6				
12/12/2014	20:09:48	490	4.4	10.36	700.1				
12/12/2014	20:13:08	535	4.4	10.36	714.6				
12/12/2014	20:16:28	450	4.4	10.36	729.1				
12/12/2014	20:19:48	512	4.4	10.36	743.6				
12/12/2014	20:23:08	415	4.3	8.50	758.0				
12/12/2014	20:26:28	70	0.0	9.05	770.2				
12/12/2014	20:26:35	71	0.0	9.06	770.2	End 1st Stage			
12/14/2014	09:03:24	3	0.0	8.36	0.0	Start Pumping Spacer			
12/14/2014	09:06:28	19	0.0	8.36	0.0				
12/14/2014	09:09:48	2007	0.0	8.36	5.8				
12/14/2014	09:13:08	27	0.0	8.35	5.8				
12/14/2014	09:16:28	404	5.0	8.34	18.3				
12/14/2014	09:18:31	576	6.1	11.79	30.8	MudPUSH			
12/14/2014	09:19:48	518	6.1	11.90	38.6				
12/14/2014	09:23:08	585	6.2	11.92	59.0				
12/14/2014	09:26:28	646	6.2	12.95	69.0				
12/14/2014	09:28:02	751	6.2	13.05	78.7	End Spacer			
12/14/2014	09:28:04	742	6.2	13.05	78.9	Start Mixing Tail Slurry			
12/14/2014	09:29:48	550	6.2	13.13	89.7				
12/14/2014	09:33:08	530	6.2	13.17	110.5				
12/14/2014	09:36:28	418	6.3	13.23	131.2				
12/14/2014	09:39:48	413	6.3	13.20	152.1				
12/14/2014	09:43:08	396	6.3	13.21	173.1				
12/14/2014	09:46:28	350	6.3	13.22	194.1				
12/14/2014	09:49:48	371	6.4	13.23	215.3				
12/14/2014	09:53:08	375	6.4	13.21	236.5				
12/14/2014	09:56:28	347	6.4	13.21	257.7				
12/14/2014	09:59:48	411	6.4	13.30	278.9				
12/14/2014	10:03:08	425	6.3	13.36	300.1				
12/14/2014	10:04:05	429	6.3	13.26	306.1	End Tail Slurry			
12/14/2014	10:04:06	231	6.3	13.26	306.2	Start Displacement			
12/14/2014	10:06:28	12	0.0	13.34	306.7				
12/14/2014	10:09:48	13	0.0	13.36	306.7				
12/14/2014	10:13:08	108	4.6	8.38	316.9				
12/14/2014	10:16:28	142	6.4	8.33	336.6				
12/14/2014	10:19:48	159	6.4	8.37	357.8				
12/14/2014	10:23:08	262	6.4	10.10	379.1				

Well		Field		Job Start		Customer		Job Number	
Linam 2		Red Hills West		Dec/12/2014		Parsons Brinkerhoff		D3RM-00245	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
12/14/2014	10:29:48	263	6.4	10.25	421.5				
12/14/2014	10:33:08	691	6.2	10.25	442.4				
12/14/2014	10:36:28	873	6.2	10.25	463.1				
12/14/2014	10:39:48	1148	6.2	10.25	483.8				
12/14/2014	10:43:08	1372	6.2	10.25	504.5				
12/14/2014	10:46:28	1673	6.2	10.25	525.0				
12/14/2014	10:49:48	1855	6.2	10.25	545.6				
12/14/2014	10:53:08	2028	6.2	10.24	566.2				
12/14/2014	10:56:28	2222	6.3	10.24	587.1				
12/14/2014	10:59:48	2176	4.4	8.39	606.0				
12/14/2014	11:03:08	2089	4.1	8.36	620.4				
12/14/2014	11:05:58	3556	0.0	8.34	626.2	Bump Top Plug			
12/14/2014	11:06:28	3755	0.0	8.34	626.3				
12/14/2014	11:06:36	3756	0.0	8.34	626.3	Bump Plug to 3755 psi			
12/14/2014	11:09:48	1984	0.0	8.34	626.3				
12/14/2014	11:10:18	3	0.0	8.34	626.3	Float Hold			

Post Job Summary

Average Pump Rates, bbl/min				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
5.8			7.3	626.3	0.0	78.7	
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density
4749	1	856	3755		FreshWater	20.0 bbl	8.34 lb/gal
Avg. N2 Percent	Designed Slurry Volume		Displacement	Mix Water Temp	Cement Circulated to Surface?	Volume	
%	272.0 bbl		320.1 bbl	degF	<input checked="" type="checkbox"/>	30.0 bbl	
Customer or Authorized Representative			Schlumberger Supervisor		Washed Thru Perfs	To	
Jose Carmona					<input type="checkbox"/>	ft	
					Circulation Lost	Job Completed	
					<input type="checkbox"/>	<input checked="" type="checkbox"/>	
					-	-	