

103 - 05672

**Schlumberger****Cementing Job Report**

02121319

CemCAT v1.3

**Well** Neal #3  
**Field** Rangley  
**Engineer** Elyse Newman  
**Country** United States

**Client** Chevron  
**SIR No.** BJ90-00085  
**Job Type** Plug  
**Job Date** 12-03-2010

**RECEIVED**

OCT 10 2011

COGCC/Rifle Office

**Time**

12/03/2010 15:02:59

**Pressure****Rate****Density**

Start Job

Start Pumping Water

→ ALL  
 following  
 pages

Start Pumping Spacer  
 Reset Total, Vol = 49.66 bbl  
 Reset Total, Vol = 6.61 bbl

Reset Total, Vol = 6.41 bbl  
 End Spacer  
 Start Mixing Tail Slurry

Reset Total, Vol = 53.40 bbl  
 End Tail Slurry  
 Start Displacement

Reset Total, Vol = 39.96 bbl  
 Total Pumped: 40.5 bbls  
 End Displacement

hh:mm:ss

0.00 1000 2000 3000 4000 5000 0.00 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0

PSI

B/M

LB/G

12/03/2010 17:25:53

12/03/2010 17:25:53



# Cementing Service Report

				Customer Chevron		Job Number BJ90-00085		
Well Neal #3		Location (legal)		Schlumberger Location Rock Springs		Job Start Dec/03/2010		
Field Rangley		Formation Name/Type		Deviation		Well MD		
County Rio Blanco		State/Province Colorado		Bit Size		Well TVD		
Well Master 0631229922		API/UWI		BHP		BHT		
Rig Name Workover		Drilled For		Service Via		BHCT		
Offshore Zone		Well Class Old		Well Type		Pore Press. Gradient		
Drilling Fluid Type		Max. Density		Plastic Viscosity				
Service Line Cementing		Job Type Plug						
Max. Allowed Tub. Press		Max. Allowed Ann. Press		WH Connection				
Service Instructions				Casing/Liner				
				Depth,	Size,	Weight,	Grade	Thread
				Tubing/Drill Pipe				
				Depth,	Size,	Weight,	Grade	Thread
				Perforations/Open Hole				
				Top,	Bottom,		No. of Shots	Total Interval
				Treat Down		Displacement		
				Packer Type		Packer Depth		
				Tubing Vol.		Casing Vol.		
				Annular Vol.		Openhole Vol.		
Casing/Tubing Secured				1 Hole Vol. Circulated prior to Cement				
Lift Pressure				Shoe Type		Squeeze Type		
Pipe Rotated				Shoe Depth		Tool Type		
No. Centralizers				Stage Tool Type		Tool Depth		
Cement Head Type				Stage Tool Depth		Tail Pipe Size		
Job Scheduled For Dec/03/2010				Arrived on Location Dec/03/2010		Leave Location Dec/03/2010		
				Collar Type		Tail Pipe Depth		
				Collar Depth		Sqz. Total Vol.		
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
12/03/2010	15:02:37					Started Acquisition		
12/03/2010	15:02:59	69	2.7	9.35	0.0			
12/03/2010	15:03:01					Start Job		
12/03/2010	15:03:01	70	2.7	9.35	0.1			
12/03/2010	15:03:07	69	2.7	9.20	0.4			
12/03/2010	15:03:37	58	2.6	8.60	1.7			
12/03/2010	15:04:07	45	2.7	9.64	2.9			
12/03/2010	15:04:37	53	2.6	8.43	4.2			
12/03/2010	15:05:07	29	2.4	9.70	5.4			
12/03/2010	15:05:37	50	2.4	8.34	6.6			
12/03/2010	15:06:07	60	2.6	8.51	7.8			
12/03/2010	15:06:37	59	2.7	8.32	9.1			
12/03/2010	15:07:07	58	2.8	8.32	10.5			
12/03/2010	15:07:37	2	0.1	8.58	11.2			
12/03/2010	15:08:07	-1	0.0	8.60	11.3			
12/03/2010	15:08:37	-2	0.0	8.86	11.3			
12/03/2010	15:09:07	-1	0.1	8.60	11.4			
12/03/2010	15:09:37	-2	0.0	8.55	11.4			
12/03/2010	15:10:07	-2	0.0	8.59	11.5			
12/03/2010	15:10:37	-2	0.1	8.38	11.5			
12/03/2010	15:11:07	-2	0.1	8.38	11.5			

Well			Field	Job Start		Customer	Job Number
Neal #3			Rangley	Dec/03/2010		Chevron	BJ90-00085
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
12/03/2010	15:12:07	-2	0.0	8.33	11.6		
12/03/2010	15:12:37	-3	0.1	8.36	11.6		
12/03/2010	15:13:07	-3	0.0	8.43	11.7		
12/03/2010	15:13:37	-3	0.2	8.35	11.7		
12/03/2010	15:14:07	-3	0.0	8.25	11.7		
12/03/2010	15:14:37	-2	0.0	8.31	11.7		
12/03/2010	15:15:07	-1	0.0	8.31	11.8		
12/03/2010	15:15:20					Start Pumping Water	
12/03/2010	15:15:20	-1	0.0	8.32	11.8		
12/03/2010	15:15:37	-1	0.0	8.32	11.8		
12/03/2010	15:16:07	-2	0.0	8.17	11.8		
12/03/2010	15:16:37	-2	0.0	8.37	11.8		
12/03/2010	15:17:07	-2	0.1	8.50	11.8		
12/03/2010	15:17:37	14	1.7	8.58	12.1		
12/03/2010	15:18:07	60	2.9	8.32	13.3		
12/03/2010	15:18:37	62	2.9	8.32	14.8		
12/03/2010	15:19:07	60	2.7	8.32	16.2		
12/03/2010	15:19:37	62	1.9	8.32	17.3		
12/03/2010	15:20:07	136	1.8	8.32	18.1		
12/03/2010	15:20:37	341	0.7	8.32	18.8		
12/03/2010	15:21:07	117	0.7	8.32	19.1		
12/03/2010	15:21:37	156	1.6	8.32	19.7		
12/03/2010	15:22:07	327	1.6	8.32	20.5		
12/03/2010	15:22:37	212	0.0	8.32	20.7		
12/03/2010	15:23:07	169	0.0	8.32	20.7		
12/03/2010	15:23:37	146	0.0	8.32	20.7		
12/03/2010	15:24:07	132	0.0	8.32	20.7		
12/03/2010	15:24:37	122	0.0	8.32	20.7		
12/03/2010	15:25:07	114	0.0	8.32	20.7		
12/03/2010	15:25:37	173	0.8	8.32	20.9		
12/03/2010	15:26:07	393	0.9	8.32	21.4		
12/03/2010	15:26:37	264	0.7	8.32	21.7		
12/03/2010	15:27:07	322	0.7	8.32	22.0		
12/03/2010	15:27:37	353	0.7	8.32	22.4		
12/03/2010	15:28:07	349	0.6	8.32	22.7		
12/03/2010	15:28:37	342	0.7	8.32	23.0		
12/03/2010	15:29:07	286	0.7	8.32	23.4		
12/03/2010	15:29:37	300	0.7	8.32	23.7		
12/03/2010	15:30:07	300	0.7	8.32	24.1		
12/03/2010	15:30:37	302	0.7	8.32	24.4		
12/03/2010	15:31:07	308	1.0	8.32	24.8		
12/03/2010	15:31:37	348	1.2	8.32	25.4		
12/03/2010	15:32:07	338	1.2	8.32	26.0		
12/03/2010	15:32:37	329	1.2	8.32	26.6		
12/03/2010	15:33:07	326	1.2	8.32	27.2		
12/03/2010	15:33:37	348	1.3	8.32	27.9		
12/03/2010	15:34:07	324	1.8	8.32	28.7		
12/03/2010	15:34:37	374	2.3	8.32	29.6		
12/03/2010	15:35:07	434	2.3	8.32	30.8		
12/03/2010	15:35:37	426	2.9	8.32	32.0		
12/03/2010	15:36:07	425	2.9	8.32	33.5		
12/03/2010	15:36:37	422	2.9	8.32	34.9		
12/03/2010	15:37:07	441	2.9	8.32	36.4		
12/03/2010	15:37:37	418	2.9	8.32	37.9		

Well		Field	Job Start		Customer	Job Number
Neal #3		Rangley	Dec/03/2010		Chevron	BJ90-00085
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
12/03/2010	15:38:37	420	2.9	8.32	40.8	
12/03/2010	15:39:07	393	2.9	8.31	42.3	
12/03/2010	15:39:37	394	2.9	8.32	43.7	
12/03/2010	15:40:07	385	2.9	8.32	45.2	
12/03/2010	15:40:37	372	2.9	8.32	46.7	
12/03/2010	15:41:07	379	2.9	8.32	48.1	
12/03/2010	15:41:37	267	2.0	8.32	49.6	
12/03/2010	15:42:07	132	0.0	8.32	49.7	
12/03/2010	15:42:37	112	0.0	8.32	49.7	
12/03/2010	15:43:07	100	0.0	8.32	49.7	
12/03/2010	15:43:37	91	0.0	8.32	49.7	
12/03/2010	15:44:07	84	0.0	8.32	49.7	
12/03/2010	15:44:37	80	0.0	8.32	49.7	
12/03/2010	15:45:07	72	0.0	8.32	49.7	
12/03/2010	15:45:37	66	0.0	8.32	49.7	
12/03/2010	15:46:07	60	0.0	8.32	49.7	
12/03/2010	15:46:37	56	0.0	8.32	49.7	
12/03/2010	15:47:07	51	0.0	8.32	49.7	
12/03/2010	15:47:37	48	0.0	8.32	49.7	
12/03/2010	15:48:07	44	0.0	8.32	49.7	
12/03/2010	15:48:37	40	0.0	8.32	49.7	
12/03/2010	15:49:07	37	0.0	8.32	49.7	
12/03/2010	15:49:37	34	0.0	8.32	49.7	
12/03/2010	15:50:07	32	0.0	8.32	49.7	
12/03/2010	15:50:37	29	0.0	8.32	49.7	
12/03/2010	15:51:07	26	0.0	8.32	49.7	
12/03/2010	15:51:37	24	0.0	8.32	49.7	
12/03/2010	15:52:07	22	0.0	8.32	49.7	
12/03/2010	15:52:37	22	0.0	8.32	49.7	
12/03/2010	15:53:07	21	0.0	8.32	49.7	
12/03/2010	15:53:37	21	0.0	8.32	49.7	
12/03/2010	15:54:07	20	0.0	8.32	49.7	
12/03/2010	15:54:37	19	0.0	8.32	49.7	
12/03/2010	15:55:07	19	0.0	8.32	49.7	
12/03/2010	15:55:37	18	0.0	8.32	49.7	
12/03/2010	16:23:12					Start Pumping Spacer
12/03/2010	16:23:12	-3	0.1	8.36	49.7	
12/03/2010	16:23:15					Reset Total, Vol = 49.66 bbl
12/03/2010	16:23:15	-5	0.1	8.36	49.7	
12/03/2010	16:23:37	31	1.9	8.31	49.9	
12/03/2010	16:24:07	33	2.7	8.80	51.3	
12/03/2010	16:24:37	47	2.6	8.33	52.6	
12/03/2010	16:25:07	71	2.4	8.32	53.8	
12/03/2010	16:25:37	247	2.3	8.32	55.0	
12/03/2010	16:26:07	289	2.3	8.32	56.1	
12/03/2010	16:26:17					Reset Total, Vol = 6.61 bbl
12/03/2010	16:26:17	179	0.0	8.39	56.3	
12/03/2010	16:26:37	130	0.0	8.34	56.3	
12/03/2010	16:27:07	101	0.0	8.33	56.3	
12/03/2010	16:27:37	85	0.0	8.32	56.3	
12/03/2010	16:28:07	75	0.0	8.32	56.3	
12/03/2010	16:28:37	63	0.0	8.32	56.3	
12/03/2010	16:29:07	85	0.8	8.26	56.4	
12/03/2010	16:29:37	150	1.2	8.32	56.8	

Well	Field		Job Start	Customer	Job Number	
	Neal #3	Rangley	Dec/03/2010	Chevron	BJ90-00085	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BSL	Message
12/03/2010	16:30:37	234	1.5	8.32	58.2	
12/03/2010	16:31:07	228	2.5	9.30	59.0	
12/03/2010	16:31:37	253	1.5	8.30	60.0	
12/03/2010	16:32:07	247	1.5	8.32	60.8	
12/03/2010	16:32:37	259	1.6	8.28	61.8	
12/03/2010	16:33:07	245	1.4	8.32	62.5	
12/03/2010	16:33:37	152	0.0	8.32	62.7	
12/03/2010	16:34:07	126	0.0	8.32	62.7	
12/03/2010	16:34:37	108	0.0	8.32	62.7	
12/03/2010	16:35:07	94	0.0	8.32	62.7	
12/03/2010	16:35:37	83	0.0	8.32	62.7	
12/03/2010	16:36:07	74	0.0	8.32	62.7	
12/03/2010	16:36:37	68	0.0	8.32	62.7	
12/03/2010	16:36:48					Reset Total, Vol = 6.41 bbl
12/03/2010	16:36:48	66	0.0	8.32	62.7	
12/03/2010	16:36:50					End Spacer
12/03/2010	16:36:50	65	0.0	8.32	62.7	
12/03/2010	16:36:51					Start Mixing Tail Slurry
12/03/2010	16:36:51	64	0.0	8.32	62.7	
12/03/2010	16:37:07	61	0.0	8.32	62.7	
12/03/2010	16:37:37	59	0.0	8.32	62.7	
12/03/2010	16:38:07	54	0.0	8.32	62.7	
12/03/2010	16:38:37	49	0.0	8.32	62.7	
12/03/2010	16:39:07	103	1.2	11.76	63.1	
12/03/2010	16:39:37	186	1.6	15.11	63.6	
12/03/2010	16:40:07	275	1.8	15.56	64.6	
12/03/2010	16:40:37	292	1.9	15.59	65.5	
12/03/2010	16:41:07	293	1.9	15.64	66.5	
12/03/2010	16:41:37	280	1.9	15.72	67.4	
12/03/2010	16:42:07	246	1.9	15.78	68.4	
12/03/2010	16:42:37	258	1.9	15.78	69.3	
12/03/2010	16:43:07	208	1.9	15.79	70.3	
12/03/2010	16:43:37	210	1.9	15.79	71.2	
12/03/2010	16:44:07	188	1.9	15.80	72.2	
12/03/2010	16:44:37	197	1.5	15.81	73.0	
12/03/2010	16:45:07	130	1.8	15.79	73.9	
12/03/2010	16:45:37	183	2.2	15.79	74.8	
12/03/2010	16:46:07	162	2.1	15.80	75.9	
12/03/2010	16:46:37	141	2.2	15.79	77.0	
12/03/2010	16:47:07	132	2.2	15.81	78.0	
12/03/2010	16:47:37	137	2.3	15.81	79.1	
12/03/2010	16:48:07	190	3.0	15.83	80.6	
12/03/2010	16:48:37	177	3.0	15.83	82.0	
12/03/2010	16:49:07	161	3.0	15.83	83.5	
12/03/2010	16:49:37	151	3.0	15.83	85.0	
12/03/2010	16:50:07	142	3.0	15.83	86.5	
12/03/2010	16:50:37	137	3.0	15.84	88.0	
12/03/2010	16:51:07	138	3.0	15.83	89.5	
12/03/2010	16:51:37	134	3.0	15.80	91.0	
12/03/2010	16:52:07	135	3.0	15.84	92.5	
12/03/2010	16:52:37	136	3.0	15.79	94.0	
12/03/2010	16:53:07	134	3.0	15.82	95.5	
12/03/2010	16:53:37	134	3.0	15.84	97.0	
12/03/2010	16:54:07	136	3.0	15.83	98.5	

Well		Field		Job Start	Customer	Job Number
Neal #3		Rangley		Dec/03/2010	Chevron	BJ90-00085
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
12/03/2010	16:55:07		135	3.0	15.82	101.6
12/03/2010	16:55:37		129	3.0	15.90	103.1
12/03/2010	16:56:07		132	3.0	15.86	104.6
12/03/2010	16:56:37		131	3.0	15.86	106.1
12/03/2010	16:57:07		133	3.0	15.87	107.6
12/03/2010	16:57:37		130	3.0	15.88	109.1
12/03/2010	16:58:07		133	3.0	15.89	110.6
12/03/2010	16:58:37		132	3.0	15.89	112.1
12/03/2010	16:59:07		132	3.0	15.90	113.6
12/03/2010	16:59:37		134	3.0	15.89	115.1
12/03/2010	16:59:57					Reset Total, Vol = 53.40 bbl
12/03/2010	16:59:57		132	3.0	15.58	116.1
12/03/2010	17:00:00					End Tail Slurry
12/03/2010	17:00:00		130	2.9	14.16	116.2
12/03/2010	17:00:02					Start Displacement
12/03/2010	17:00:02		132	2.9	12.26	116.3
12/03/2010	17:00:07		108	2.9	10.20	116.6
12/03/2010	17:00:37		74	3.0	9.63	118.1
12/03/2010	17:01:07		61	3.0	8.84	119.6
12/03/2010	17:01:37		61	3.1	8.57	121.1
12/03/2010	17:02:07		57	3.0	8.48	122.6
12/03/2010	17:02:37		71	3.0	8.49	124.2
12/03/2010	17:03:07		104	3.0	8.40	125.7
12/03/2010	17:03:37		150	3.0	8.37	127.2
12/03/2010	17:04:07		156	3.0	8.32	128.7
12/03/2010	17:04:37		191	3.0	8.32	130.2
12/03/2010	17:05:07		200	2.9	8.32	131.6
12/03/2010	17:05:37		221	2.9	8.32	133.1
12/03/2010	17:06:07		227	2.9	8.32	134.6
12/03/2010	17:06:37		252	2.9	8.32	136.1
12/03/2010	17:07:07		254	2.9	8.32	137.5
12/03/2010	17:07:37		258	2.9	8.32	139.0
12/03/2010	17:08:07		271	2.9	8.32	140.5
12/03/2010	17:08:37		280	2.9	8.32	141.9
12/03/2010	17:09:07		330	2.9	8.32	143.4
12/03/2010	17:09:37		339	2.9	8.32	144.9
12/03/2010	17:10:07		351	2.9	8.32	146.4
12/03/2010	17:10:37		355	2.9	8.32	147.8
12/03/2010	17:11:07		387	2.9	8.32	149.3
12/03/2010	17:11:37		300	2.4	8.31	150.8
12/03/2010	17:12:07		270	1.9	8.31	151.7
12/03/2010	17:12:37		272	2.0	8.32	152.7
12/03/2010	17:13:07		200	1.1	8.31	153.6
12/03/2010	17:13:37		199	1.1	8.31	154.2
12/03/2010	17:14:07		212	1.1	8.31	154.7
12/03/2010	17:14:37		217	1.1	8.31	155.2
12/03/2010	17:15:07		232	1.1	8.31	155.7
12/03/2010	17:15:35					Reset Total, Vol = 39.96 bbl
12/03/2010	17:15:35		125	0.0	8.32	156.0
12/03/2010	17:15:37					Total Pumped: 40.5 bbls
12/03/2010	17:15:37		121	0.0	8.31	156.0
12/03/2010	17:15:46					End Displacement
12/03/2010	17:15:46		113	0.0	8.31	156.0
12/03/2010	17:15:48					End Job

Well	Field	Job Start	Customer	Job Number
Neal #3	Rangley	Dec/03/2010	Chevron	8390-00085

### Post Job Summary

Average Pump Rates,				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
				53.4			
Treating Pressure Summary,				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density
Avg. N2 Percent	Designed Slurry Volume		Displacement	Mix Water Temp	Cement Circulated to Surface?	Volume	
	50.0 bbl		40.5 bbl			To	
Customer or Authorized Representative			Schlumberger Supervisor		Circulation Lost	Job Completed	
Jeff Pickett			Elyse Newman		-	- [X]	

Well: NED-1  
Field: NED-1  
Engineer: J. P. ...  
Country: ...

Client: ...  
SR No.: ...  
Job Type: ...  
Job Date: ...

Date: ... Requested: ...

----- Density

Messages



Start Date: ...  
End Date: ...

End Date: ...  
Start Date: ...

Start Date: ...  
End Date: ...  
Start Date: ...  
End Date: ...

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# Cementing Service Report

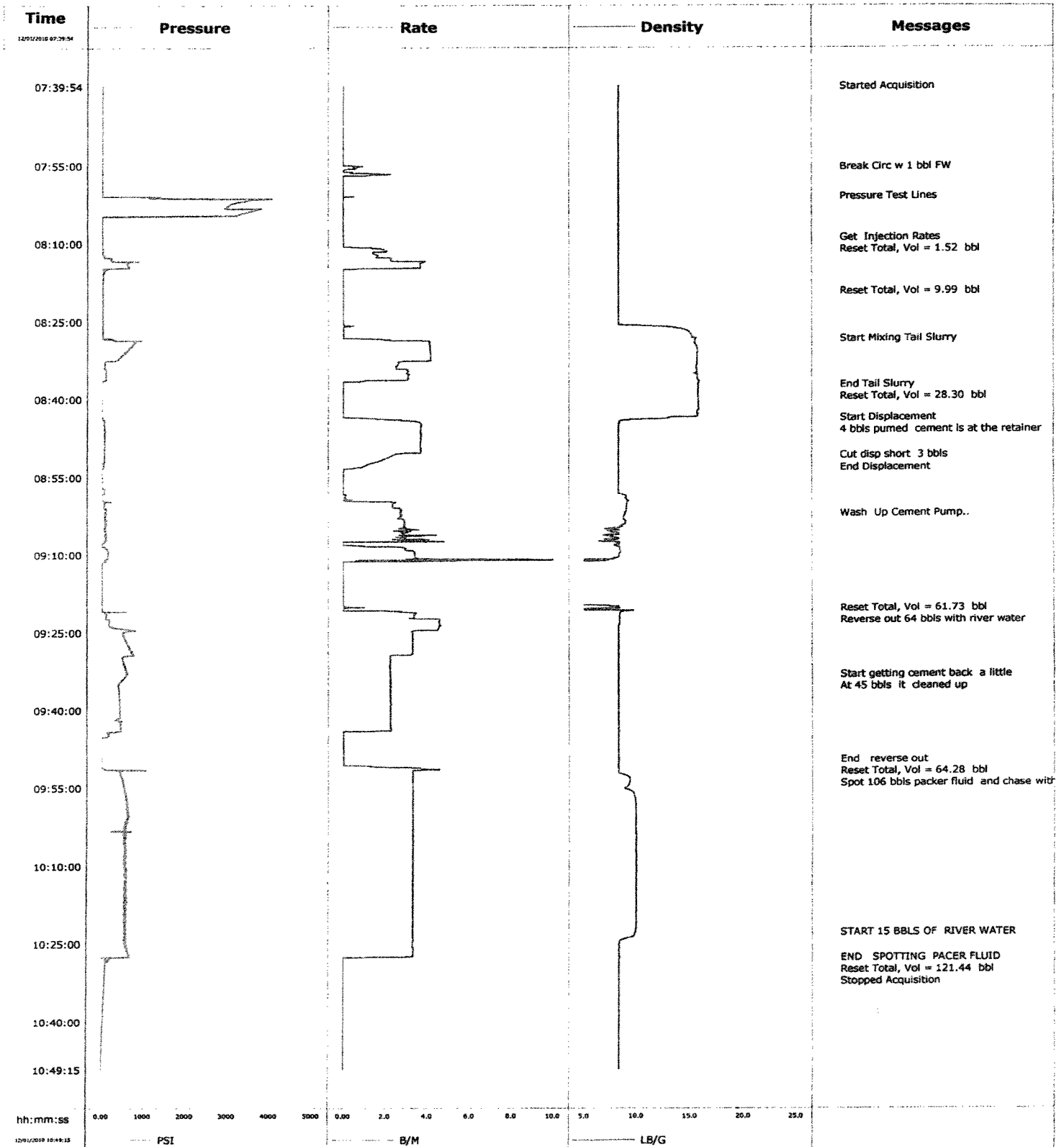
Well				Customer		Job Number	
Neal #3				Chevron		BJ90-00085	
Location (legal)				Schlumberger Location		Job Start	
				Rock Springs		Dec/04/2010	
Field		Formation Name/Type		Deviation		Well TVD	
Rangely							
County		State/Province		BHP		Pore Press. Gradient	
Rio Blanco		Colorado		BHST			
Well Master		API/UWI		BHCT			
Rig Name		Drilled For		Casing/Liner			
		Service Via					
				Depth, Size, Weight, Grade, Thread			
Offshore Zone		Well Class					
		Old					
Drilling Fluid Type		Max. Density		Tubing/Drill Pipe			
		Plastic Viscosity		Depth, Size, Weight, Grade, Thread			
Service Line		Job Type					
Cementing		Injection and Plug					
Max. Allowed Tub. Press		Max. Allowed Ann. Press		Perforations/Open Hole			
		WH Connection		Top, Bottom, No. of Shots, Total Interval			
Service Instructions				Diameter			
				Treat Down, Displacement, Packer Type, Packer Depth			
				Tubing Vol., Casing Vol., Annular Vol., Openhole Vol.			
Casing/Tubing Secured				Casing Tools		Squeeze Job	
<input checked="" type="checkbox"/> 1 Hole Vol. Circulated prior to Cement							
Lift Pressure				Shoe Type		Squeeze Type	
Pipe Rotated				Shoe Depth		Tool Type	
No. Centralizers				Stage Tool Type		Tool Depth	
Top Plugs				Stage Tool Depth		Tail Pipe Size	
Bottom Plugs				Collar Type		Tail Pipe Depth	
Cement Head Type				Collar Depth		Sqz. Total Vol.	
Job Scheduled For		Arrived on Location		Leave Location			
Dec/04/2010		Dec/04/2010		Dec/04/2010			
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
12/04/2010	10:45:27					Started Acquisition	
12/04/2010	10:58:28	0	0.0	8.35	0.0		
12/04/2010	10:58:30					Start Job	
12/04/2010	10:58:30	0	0.0	8.34	0.0		
12/04/2010	10:58:33					Start Pumping Water	
12/04/2010	10:58:33	-1	0.0	8.30	0.0		
12/04/2010	11:00:27	0	0.0	8.21	0.0		
12/04/2010	11:05:27	516	0.5	8.31	5.8		
12/04/2010	11:10:27	240	3.3	8.30	12.6		
12/04/2010	11:15:27	218	3.3	8.30	29.3		
12/04/2010	11:20:27	54	2.0	8.31	41.4		
12/04/2010	11:25:27	11	0.0	8.30	52.6		
12/04/2010	11:26:06					End Water	
12/04/2010	11:26:06	12	0.0	8.30	52.6		
12/04/2010	11:26:08					Reset Total, Vol = 52.60 bbl	
12/04/2010	11:26:08	13	0.0	8.30	52.6		
12/04/2010	12:30:49					Start Pumping Spacer	
12/04/2010	12:30:49	3	0.0	8.30	52.6		
12/04/2010	12:35:27	69	1.5	8.36	56.5		
12/04/2010	12:35:44					Reset Total, Vol = 4.40 bbl	
12/04/2010	12:35:44	106	2.1	13.46	57.0		

Well		Field	Job Start		Customer	Job Number
Neal #3		Rangely	Dec/04/2010		Chevron	BJ90-00085
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
12/04/2010	12:35:48	106	2.1	14.28	57.1	
12/04/2010	12:35:49					Start Mixing Tail Slurry
12/04/2010	12:35:49	106	2.1	14.28	57.2	
12/04/2010	12:40:27	82	2.1	15.78	68.2	
12/04/2010	12:45:27	91	1.4	15.72	76.2	
12/04/2010	12:50:27	84	1.6	15.84	82.6	
12/04/2010	12:55:27	261	1.5	15.95	90.7	
12/04/2010	12:59:07					Cement to surface
12/04/2010	12:59:07	306	1.5	14.85	96.3	
12/04/2010	12:59:27					Reset Total, Vol = 39.82 bbl
12/04/2010	12:59:27	276	1.5	9.97	96.8	
12/04/2010	12:59:32					44 bbls pumped total
12/04/2010	12:59:32	261	1.5	9.96	97.0	
12/04/2010	12:59:34					End Tail Slurry
12/04/2010	12:59:34	192	1.5	9.88	97.0	
12/04/2010	12:59:37					Start Displacement
12/04/2010	12:59:37	268	1.5	9.82	97.1	
12/04/2010	13:00:27	296	1.5	8.98	98.3	
12/04/2010	13:00:57					Reset Total, Vol = 2.15 bbl
12/04/2010	13:00:57	199	0.2	8.81	99.0	
12/04/2010	13:00:58					3.5 bbls pumped, stinging out
12/04/2010	13:00:58	137	0.1	8.81	99.0	
12/04/2010	13:05:27	2	0.2	8.67	99.8	
12/04/2010	13:10:27	-1	0.4	8.48	101.5	
12/04/2010	13:15:27	132	1.8	8.31	106.7	
12/04/2010	13:20:22					End Displacement
12/04/2010	13:20:22	0	0.0	8.30	110.4	
12/04/2010	13:20:23					Reset Total, Vol = 11.41 bbl
12/04/2010	13:20:23	0	0.0	8.30	110.4	
12/04/2010	14:43:08					Start Plug
12/04/2010	14:43:08	0	0.0	8.30	110.4	
12/04/2010	14:45:27	3	0.0	16.46	110.6	

### Post Job Summary

Average Pump Rates, bbl/min				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
1.5		0.0	6.4	116.2	0.0	57.1	
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density
696	111	81					
vg. N2 Percent		Designed Slurry Volume	Displacement	Mix Water Temp	Cement Circulated to Surface?	<input checked="" type="checkbox"/>	Volume 5.0 bbl
			13.3 bbl		Washed Thru Perfs	<input type="checkbox"/>	To
Customer or Authorized Representative			Schlumberger Supervisor		Circulation Lost	<input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>
Jeff Pickett			Elyse Newman				

<b>Well</b>	NEAL 3	<b>Client</b>	CHEVRON
<b>Field</b>	RANGELY WEBER	<b>SIR No.</b>	BJ90-00085
<b>Engineer</b>	Stephen Lancaster	<b>Job Type</b>	Plug 1 Sqz thru retainer @ 5595'
<b>Country</b>	United States	<b>Job Date</b>	12-01-2010



<b>Well</b>	NEAL 3	<b>Client</b>	CHEVRON
<b>Field</b>	RANGELY WEBER SAND UNIT	<b>SIR No.</b>	BJ90-00085
<b>Engineer</b>	Stephen Lancaster	<b>Job Type</b>	PLUG 2 TO 2766 - 2500
<b>Country</b>	United States	<b>Job Date</b>	12-01-2010

