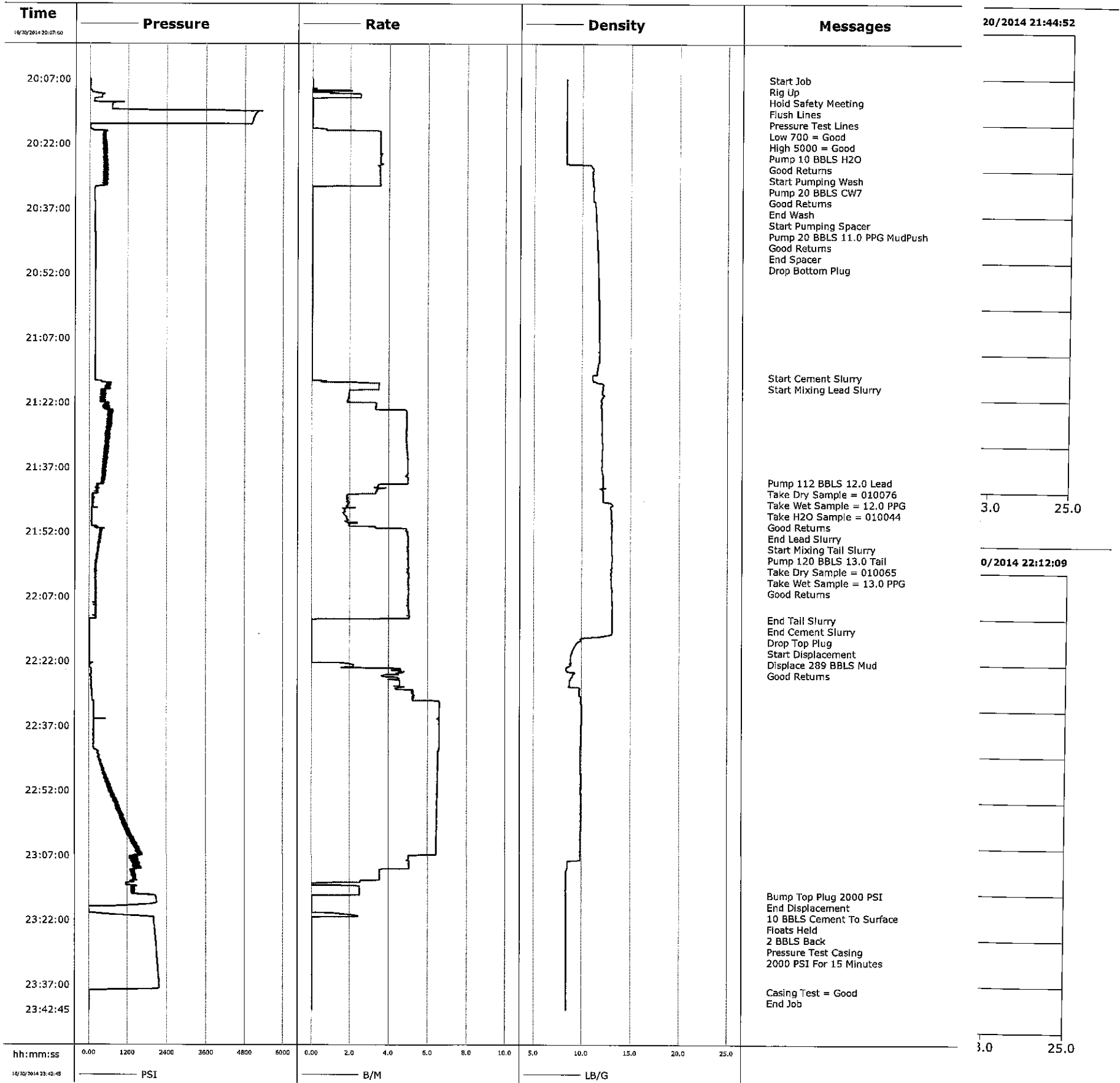


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Cementing Service Report

				Customer Anadarko		Job Number 2042894				
Well Hansen State 26C-36HZ 26C-36HZ			Location (legal) CWY		Schlumberger Location CWY		Job Start Oct/20/2014			
Field DJ		Formation Name/Type Shale		Deviation deg	Bit Size 8.8 in	Well MD 7625.0 ft		Well TVD 7259.0 ft		
County Weld		State/Province Colorado		BHP psi	BHST 220 degF	BHCT 178 degF	Pore Press. Gradient lb/gal			
Well Master 0631544937		API/UWI 05123391950000								
Rig Name Xtreme 24	Drilled For Oil	Service Via Land	Casing/Liner							
			Depth, ft	Size, in	Weight, lb/ft	Grade	Thread			
Offshore Zone	Well Class New	Well Type Development	1230.0	9.6	36.0	J55	8RD			
			7643.0	7.0	26.0	P110	8RD			
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" Intermediate									
Max. Allowed Tub. Press psi	Max. Allowed Ann. Press psi	WH Connection Double Cement head	Perforations/Open Hole							
			Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval ft			
Service Instructions Rig Up Hold Safety Meeting Flush Lines Pressure Test Lines Pump 10 BBLS H2O Pump 20 BBLS CW7 Pump 20 11.0 PPG MudPush Drop Bottomte Plug Pump 112 BBLS 12.0 PPG Lead Pump 120 BBLS 13.0 PPG Tail Drop Top Plug Displace 289 BBLS Mud			ft	ft						
			ft	ft			Diameter in			
			ft	ft						
			Treat Down Casing		Displacement 289.0 bbl		Packer Type		Packer Depth ft	
			Tubing Vol. bbl		Casing Vol. 192.0 bbl		Annular Vol. 208.0 bbl		Openhole Vol. 504.0 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 psi			Shoe Type Guide			Squeeze Type				
Pipe Rotated			<input type="checkbox"/>	Pipe Reciprocated		<input type="checkbox"/>	Shoe Depth 7643.0 ft		Tool Type	
No. Centralizers		Top Plugs 1	Bottom Plugs 1	Stage Tool Type			Tool Depth ft			
Cement Head Type Double				Stage Tool Depth ft			Tail Pipe Size in			
Job Scheduled For Oct/20/2014 16:00		Arrived on Location Oct/20/2014 16:00		Leave Location Oct/20/2014 01:00		Collar Type Float		Tail Pipe Depth ft		
						Collar Depth 7554.0 ft		Sqz. Total Vol. bbl		
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
10/20/2014	20:07:00	6	0.0	8.33	32.5	Started Acquisition				
10/20/2014	20:07:02	6	0.0	8.33	32.5	Rig Up				
10/20/2014	20:07:05	5	0.0	8.32	32.5	Pressure Test Lines				
10/20/2014	20:07:07	5	0.0	8.33	32.5	Low 700 = Good				
10/20/2014	20:07:12	5	0.0	8.32	32.5	Pump 10 BBLS H2O				
10/20/2014	20:07:13	5	0.0	8.33	32.5	Good Returns				
10/20/2014	20:08:30	5	0.0	8.32	32.5					
10/20/2014	20:10:00	61	0.0	8.32	0.3					
10/20/2014	20:11:30	161	0.0	8.32	3.2					
10/20/2014	20:13:00	689	0.0	8.32	3.2					
10/20/2014	20:14:30	5197	0.0	8.32	3.2					
10/20/2014	20:16:00	5063	0.0	8.32	3.2					
10/20/2014	20:17:30	18	0.0	8.32	3.2					
10/20/2014	20:19:00	520	2.9	8.32	3.7					
10/20/2014	20:20:30	474	3.5	8.32	9.0					
10/20/2014	20:20:55	494	3.5	8.32	0.4	Start Pumping Wash				
10/20/2014	20:21:00	445	3.5	8.32	0.7	Pump 20 BBLS CW7				
10/20/2014	20:21:01	429	3.5	8.32	0.8	Good Returns				
10/20/2014	20:22:00	399	3.5	8.33	4.2					
10/20/2014	20:23:30	412	3.5	8.33	9.5					
10/20/2014	20:25:00	499	3.6	8.32	14.9					

Well			Field			Job Start	Customer	Job Number
Hansen State 26C-36HZ 26C-36HZ			DJ			Oct/20/2014	Anaderko	2042894
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
10/20/2014	20:26:29	425	3.5	8.32	20.1	Start Pumping Spacer		
10/20/2014	20:26:30	425	3.5	8.32	20.2			
10/20/2014	20:26:47	499	3.6	9.96	0.8	Pump 20 BBLs 11.0 PPG MudPush		
10/20/2014	20:26:48	527	3.6	10.16	0.9	Good Returns		
10/20/2014	20:28:00	435	3.5	11.09	5.1			
10/20/2014	20:29:30	426	3.5	11.04	10.4			
10/20/2014	20:31:00	516	3.5	11.06	15.6			
10/20/2014	20:32:05	164	0.0	11.15	18.5	End Spacer		
10/20/2014	20:32:08	163	0.0	11.15	18.5	Drop Bottom Plug		
10/20/2014	20:32:30	154	0.0	11.15	0.0			
10/20/2014	20:34:00	154	0.0	11.14	0.0			
10/20/2014	20:35:30	158	0.0	11.30	0.0			
10/20/2014	20:37:00	162	0.0	11.35	0.0			
10/20/2014	20:38:30	166	0.0	11.39	0.0			
10/20/2014	20:40:00	168	0.0	11.43	0.0			
10/20/2014	20:41:30	171	0.0	11.46	0.0			
10/20/2014	20:43:00	172	0.0	11.50	0.0			
10/20/2014	20:44:30	173	0.0	11.53	0.0			
10/20/2014	20:46:00	174	0.0	11.56	0.0			
10/20/2014	20:47:30	175	0.0	11.59	0.0			
10/20/2014	20:49:00	175	0.0	11.61	0.0			
10/20/2014	20:50:30	175	0.0	11.63	0.0			
10/20/2014	20:52:00	175	0.0	11.65	0.0			
10/20/2014	20:53:30	176	0.0	11.67	0.0			
10/20/2014	20:55:00	176	0.0	11.69	0.0			
10/20/2014	20:56:30	176	0.0	11.70	0.0			
10/20/2014	20:58:00	177	0.0	11.71	0.0			
10/20/2014	20:59:30	177	0.0	11.72	0.0			
10/20/2014	21:01:00	177	0.0	11.73	0.0			
10/20/2014	21:02:30	177	0.0	11.74	0.0			
10/20/2014	21:04:00	178	0.0	11.75	0.0			
10/20/2014	21:05:30	178	0.0	11.75	0.0			
10/20/2014	21:07:00	179	0.0	11.76	0.0			
10/20/2014	21:08:30	179	0.0	11.77	0.0			
10/20/2014	21:10:00	179	0.0	11.77	0.0			
10/20/2014	21:11:30	181	0.0	11.78	0.0			
10/20/2014	21:13:00	181	0.0	11.67	0.0			
10/20/2014	21:14:30	181	0.0	11.57	0.0			
10/20/2014	21:16:00	182	0.0	11.07	0.0	Start Cement Slurry		
10/20/2014	21:17:30	535	3.5	11.96	0.8			
10/20/2014	21:19:00	409	2.7	12.10	6.1			
10/20/2014	21:20:30	487	1.9	12.19	9.0			
10/20/2014	21:22:00	541	3.2	12.03	11.9			
10/20/2014	21:23:30	459	3.3	12.01	16.9			
10/20/2014	21:25:00	635	4.9	12.01	23.9			
10/20/2014	21:26:30	614	4.9	12.06	31.3			
10/20/2014	21:28:00	559	4.9	12.07	38.7			
10/20/2014	21:29:30	580	4.9	12.04	46.0			
10/20/2014	21:31:00	597	4.9	12.09	53.4			
10/20/2014	21:32:30	599	4.9	12.11	60.7			
10/20/2014	21:34:00	487	4.9	12.09	68.1			
10/20/2014	21:35:30	524	5.0	12.05	75.6			
10/20/2014	21:37:00	491	5.0	12.03	83.0			
10/20/2014	21:38:30	446	5.0	12.10	90.5			

Well			Field		Job Start		Customer		Job Number	
Hansen State 26C-36HZ 26C-36HZ			DJ		Oct/20/2014		Anadarko		2042894	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
10/20/2014	21:40:18	466	5.0	12.16	99.4	Pump 112 BBLS 12.0 Lead				
10/20/2014	21:40:19	384	5.0	12.16	99.5	Take Wet Sample = 12.0 PPG				
10/20/2014	21:41:17	247	3.4	12.17	103.7	Good Returns				
10/20/2014	21:41:30	246	3.4	12.18	104.5					
10/20/2014	21:43:00	231	3.3	12.18	109.6					
10/20/2014	21:44:30	90	1.8	12.18	112.7					
10/20/2014	21:44:52	92	1.8	12.18	113.4	End Lead Slurry				
10/20/2014	21:45:17	96	1.9	12.95	0.5	Start Mixing Tail Slurry				
10/20/2014	21:45:18	134	1.9	12.97	0.6	Pump 120 BBLS 13.0 Tail				
10/20/2014	21:45:19	134	1.9	12.99	0.6	Take Wet Sample = 13.0 PPG				
10/20/2014	21:46:00	91	1.8	13.02	1.9					
10/20/2014	21:46:47	82	1.7	12.98	3.3	Good Returns				
10/20/2014	21:47:30	74	1.7	13.01	4.5					
10/20/2014	21:49:00	74	1.8	13.02	7.1					
10/20/2014	21:50:30	76	1.9	13.07	10.0					
10/20/2014	21:52:00	362	5.0	13.06	16.0					
10/20/2014	21:53:30	309	5.0	13.05	23.4					
10/20/2014	21:55:00	280	5.0	13.06	30.9					
10/20/2014	21:56:30	251	4.9	13.07	38.4					
10/20/2014	21:58:00	227	5.0	13.13	45.9					
10/20/2014	21:59:30	200	5.0	13.07	53.4					
10/20/2014	22:01:00	171	5.0	13.08	60.9					
10/20/2014	22:02:30	197	5.0	13.01	68.4					
10/20/2014	22:04:00	206	5.0	13.03	75.9					
10/20/2014	22:05:30	210	5.0	13.10	83.4					
10/20/2014	22:07:00	199	5.0	13.07	90.9					
10/20/2014	22:08:30	201	5.0	13.13	98.4					
10/20/2014	22:10:00	223	5.0	13.10	105.9					
10/20/2014	22:11:30	184	5.0	13.10	113.5					
10/20/2014	22:12:09	9	2.4	13.10	116.7	End Tail Slurry				
10/20/2014	22:12:13	7	0.6	13.13	116.8	End Cement Slurry				
10/20/2014	22:12:14	1	0.3	13.13	116.8	Drop Top Plug				
10/20/2014	22:12:15	2	0.1	13.13	116.9	Start Displacement				
10/20/2014	22:12:17	4	0.0	13.13	116.9	Displace 289 BBLS Mud				
10/20/2014	22:13:00	3	0.0	13.12	116.9					
10/20/2014	22:14:30	4	0.0	13.12	116.9					
10/20/2014	22:16:00	5	0.0	12.52	116.9					
10/20/2014	22:17:30	5	0.0	9.60	116.9					
10/20/2014	22:19:00	4	0.0	9.15	116.9					
10/20/2014	22:20:30	5	0.0	8.89	0.0					
10/20/2014	22:22:00	5	0.0	8.82	0.0					
10/20/2014	22:23:30	25	2.1	8.40	2.4					
10/20/2014	22:25:00	66	4.5	9.06	9.0					
10/20/2014	22:26:30	59	4.5	8.74	15.2					
10/20/2014	22:28:00	68	4.7	9.39	22.1					
10/20/2014	22:29:30	87	5.2	9.74	29.5					
10/20/2014	22:31:00	94	5.3	9.87	37.3					
10/20/2014	22:32:30	140	6.6	9.97	47.0					
10/20/2014	22:34:00	144	6.6	9.98	56.9					
10/20/2014	22:35:30	141	6.6	9.97	66.8					
10/20/2014	22:37:00	141	6.6	9.94	76.6					
10/20/2014	22:38:30	139	6.6	9.91	86.5					
10/20/2014	22:40:00	137	6.6	9.87	96.4					
10/20/2014	22:41:30	134	6.6	9.86	106.2					

Well			Field		Job Start	Customer		Job Number
Hansen State 26C-36HZ 26C-36HZ			DJ		Oct/20/2014	Anadarko		2042894
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
10/20/2014	22:44:30	298	6.5	9.83	125.9			
10/20/2014	22:46:00	338	6.5	9.84	135.6			
10/20/2014	22:47:30	403	6.5	9.85	145.4			
10/20/2014	22:49:00	516	6.5	9.87	155.1			
10/20/2014	22:50:30	609	6.5	9.86	164.9			
10/20/2014	22:52:00	617	6.5	9.86	174.6			
10/20/2014	22:53:30	789	6.5	9.87	184.3			
10/20/2014	22:55:00	882	6.5	9.86	194.0			
10/20/2014	22:56:30	850	6.5	9.86	203.7			
10/20/2014	22:58:00	1049	6.5	9.87	213.4			
10/20/2014	22:59:30	1143	6.4	9.87	223.0			
10/20/2014	23:01:00	1255	6.5	9.87	232.7			
10/20/2014	23:02:30	1219	6.4	9.85	242.4			
10/20/2014	23:04:00	1399	6.4	9.84	252.0			
10/20/2014	23:05:30	1512	6.4	9.85	261.7			
10/20/2014	23:07:00	1561	5.1	9.84	271.3			
10/20/2014	23:08:30	1433	5.1	8.49	278.8			
10/20/2014	23:10:00	1489	5.0	8.48	286.3			
10/20/2014	23:11:30	1445	3.5	8.37	291.8			
10/20/2014	23:13:00	1368	2.5	8.36	296.9			
10/20/2014	23:14:30	1409	2.5	8.36	299.0			
10/20/2014	23:16:00	1626	2.5	8.34	302.8			
10/20/2014	23:16:11	1994	2.2	8.33	303.2	Bump Top Plug 2000 PSI		
10/20/2014	23:16:33	2057	0.0	8.33	303.4	10 BBLS Cement To Surface		
10/20/2014	23:17:30	2081	0.0	8.34	303.4			
10/20/2014	23:18:44	643	0.0	8.34	303.4	Floats Held		
10/20/2014	23:19:00	-5	0.0	8.34	303.4			
10/20/2014	23:20:30	395	1.4	8.34	303.6			
10/20/2014	23:20:35	586	1.6	8.34	303.8	Pressure Test Casing		
10/20/2014	23:20:44	842	1.9	8.34	304.0	2000 PSI For 15 Minutes		
10/20/2014	23:22:00	2000	0.0	8.34	305.2			
10/20/2014	23:23:30	2019	0.0	8.34	305.2			
10/20/2014	23:25:00	2038	0.0	8.34	305.2			
10/20/2014	23:26:30	2055	0.0	8.34	305.2			
10/20/2014	23:28:00	2071	0.0	8.34	305.2			
10/20/2014	23:29:30	2087	0.0	8.34	305.2			
10/20/2014	23:31:00	2101	0.0	8.34	305.2			
10/20/2014	23:32:30	2115	0.0	8.34	305.2			
10/20/2014	23:34:00	2129	0.0	8.34	305.2			
10/20/2014	23:35:30	2143	0.0	8.34	305.2			
10/20/2014	23:37:00	2156	0.0	8.34	305.2			
10/20/2014	23:38:24	7	0.0	8.34	305.2	Casing Test = Good		
10/20/2014	23:38:30	7	0.0	8.34	305.2			
10/20/2014	23:38:41	7	0.0	8.34	305.2	End Job		
10/20/2014	23:40:00	7	0.0	8.34	305.2			

Well	Field	Job Start	Customer	Job Number
Hansen State 26C-36HZ 26C-36HZ	DJ	Oct/20/2014	Anadarko	2042894

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 4.7	N2	Mud	Maximum Rate 6.6	Total Slurry 232.0	Mud 0.0	Spacer 40.0	N2	
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 5331	Final 1325	Average 592	Bump Plug to 2000	Breakdown	Type	Volume bbl	Density lb/gal	
Avg. N2 Percent %	Designed Slurry Volume 232.0 bbl	Displacement 289.0 bbl	Mix Water Temp 65 degF	Cement Circulated to Surface? <input checked="" type="checkbox"/>	Volume 10.0 bbl			
				Washed Thru Perfs <input type="checkbox"/>	To ft			
Customer or Authorized Representative Tyler Elliot		Schlumberger Supervisor Conley Jensen/ Matt Leiker			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>		
					-	-		

Schlumberger

Service Quality Evaluation

Client:	Anadarko
Field:	DJ
Rig:	Xtreme 24
Well:	Hansen State 26C-36HZ
Service Line:	Cementing
Job Type:	7" Intermediate

Service Order #:	
Date:	Oct/20/2014
Operating Time (hh:mm):	00:00
Client Rep:	Tyler Elliot
Schlumberger Engineer:	Conley Jensen/ Matt Leiker
Schlumberger FSM:	

Main Objective:

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 type="checkbox"/>	no	<input checked="" type="checkbox"/>	0
1b	Free of environmental spill or non-compliant discharge	5	yes	<input type="checkbox"/>	no	<input checked="" type="checkbox"/>	0
1c	Wellsite left clean	4	yes	<input type="checkbox"/>	no	<input checked="" type="checkbox"/>	0
Sub-total							0%

2	Design / Preparation						
2a	Program incl. job simulation (CemCADE) & pump schedule / tool hydraulic calcs	3	yes	<input type="checkbox"/>	no	<input checked="" type="checkbox"/>	0
2b	Equipment maintenance schedule completed / Green tagged	2	yes	<input type="checkbox"/>	no	<input checked="" type="checkbox"/>	0
2c	All materials and equipment required for job/contingency checked & on location	2	yes	<input type="checkbox"/>	no	<input checked="" type="checkbox"/>	0
2d	Safety / pre-job meeting conducted with all involved present	2	yes	<input type="checkbox"/>	no	<input checked="" type="checkbox"/>	0
Sub-total							0%

3	Execution						
3a	Lost time < 30 mins	3	yes	<input type="checkbox"/>	no	<input checked="" type="checkbox"/>	0
3b	Equipment pressure tested succesfully	3	yes	<input type="checkbox"/>	no	<input checked="" type="checkbox"/>	0
3c	All key parameters monitored and recorded accurately (Pressure, Rate, Density)	2	yes	<input type="checkbox"/>	no	<input checked="" type="checkbox"/>	0
3d	Plugs / darts released and tested succesfully	2	yes	<input type="checkbox"/>	no	<input checked="" type="checkbox"/>	0
3e	Density variation met expectations	2	yes	<input type="checkbox"/>	no	<input checked="" type="checkbox"/>	0
3f	Personnel performed as per expectations	2	yes	<input type="checkbox"/>	no	<input checked="" type="checkbox"/>	0
3g	Equipment performed as per expectations	2	yes	<input type="checkbox"/>	no	<input checked="" type="checkbox"/>	0
3h	Job pumped as per design	3	yes	<input type="checkbox"/>	no	<input checked="" type="checkbox"/>	0
3i	Did job start on time	2	yes	<input type="checkbox"/>	no	<input checked="" type="checkbox"/>	0
3j	Free of Operational failures (screen out, Cementing Example, etc.)	3	yes	<input type="checkbox"/>	no	<input checked="" type="checkbox"/>	0
Sub-total							0%

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%

Total0%

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

Client:	Schlumberger:
<div></div>	
Client Signature:	Schlumberger Signature: