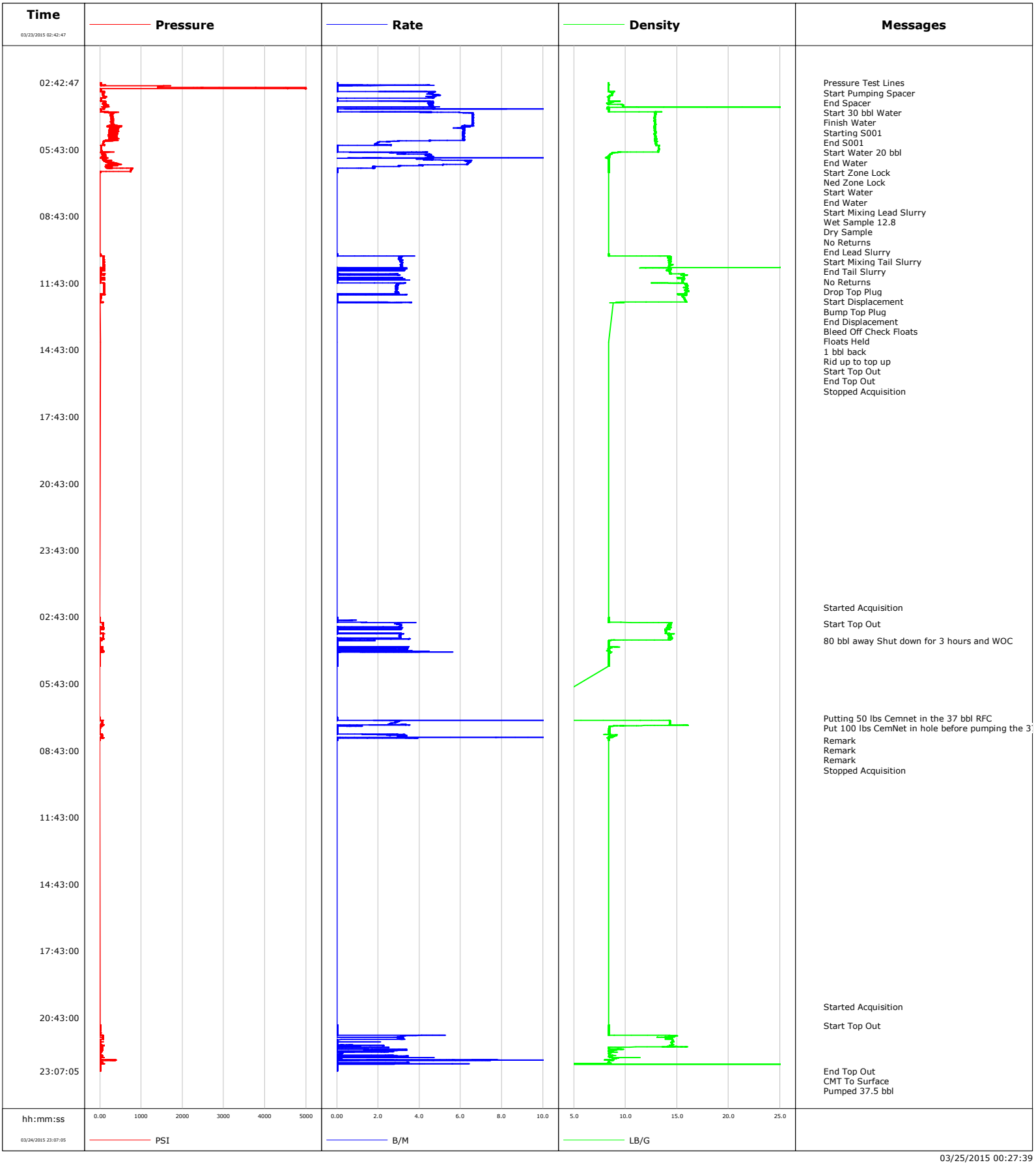
Schlumberger

Cementing Job Report

Well	Puckett 13C-1	**Client**	Caerus
Field	Old 10	**SIR No.**	CV8U-00002
Engineer	Cole Fairbrook/ J Warmoth	**Job Type**	Surface
Country	United States	**Job Date**	03-23-2015



Schlumberger

Cementing Service Report

Customer	Job Number
Caerus	CV8U-00002

Well	Location (legal)	Schlumberger Location	Job Start
Puckett 13C-1		Rock Springs	Mar/23/2015

Field	Formation Name/Type	Deviation	Bit Size	Well MD	Well TVD
Old 10		deg	16.0 in	2490.0 ft	ft

County	State/Province	BHP	BHST	BHCT	Pore Press. Gradient
	CO	psi	117 degF	84 degF	lb/gal

Well Master	API/UWI

Rig Name	Drilled For	Service Via
H&P 330	Gas	Land

Offshore Zone	Well Class	Well Type
	New	Development

Drilling Fluid Type	Max. Density	Plastic Viscosity
	lb/gal	cP

Service Line	Job Type
Cementing	Surface

Max. Allowed Tub. Press	Max. Allowed Ann. Press	WH Connection
psi	psi	Single Cement head

Service Instructions

50 bbl mud + D097
30 bbl Water
20 bbl S001
20 bbl water
30 bbl ZoneLock
20 bbl Water
507 bbl Tail 12.8 1637 sks Yield 1.74
Disp 189.6

Casing/Liner

Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
	0.0			
	0.0			

Tubing/Drill Pipe

T/D	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread

Perforations/Open Hole

Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval
ft	ft			ft
ft	ft			Diameter
ft	ft			in

Treat Down	Displacement	Packer Type	Packer Depth
Casing	bbl		ft

Tubing Vol.	Casing Vol.	Annular Vol.	Openhole Vol.
bbl	bbl	bbl	bbl

Casing/Tubing Secured	1 Hole Vol. Circulated prior to Cement
X	X

Lift Pressure	1232 psi

Pipe Rotated	Pipe Reciprocated
☐	☐

No. Centralizers	Top Plugs	Bottom Plugs
	1	

Cement Head Type

Job Scheduled For	Arrived on Location	Leave Location
Mar/23/2015	Mar/23/2015	Mar/23/2015

Casing Tools

Shoe Type	Guide
Shoe Depth	2490.0 ft
Stage Tool Type	
Stage Tool Depth	ft
Collar Type	Float
Collar Depth	2452.0 ft

Squeeze Job

Squeeze Type	
Tool Type	
Tool Depth	ft
Tail Pipe Size	in
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
03/23/2015	02:42:47	18	0.0	8.36	0.0	Started Acquisition
03/23/2015	02:42:48	17	0.0	8.36	0.0	Pressure Test Lines
03/23/2015	02:42:51	17	0.0	8.36	0.0	Start Pumping Spacer
03/23/2015	02:44:47	11	0.0	8.36	0.0	
03/23/2015	02:46:47	7	0.0	8.36	0.0	
03/23/2015	02:48:47	11	1.2	8.37	0.1	
03/23/2015	02:50:47	28	0.0	8.36	6.7	
03/23/2015	02:52:47	1448	0.0	8.36	6.7	
03/23/2015	02:54:47	1407	0.0	8.36	6.7	
03/23/2015	02:56:47	5061	0.0	8.36	6.7	
03/23/2015	02:58:47	4980	0.0	8.37	6.7	
03/23/2015	03:00:47	15	0.0	8.36	6.7	
03/23/2015	03:02:47	14	0.0	8.36	6.7	
03/23/2015	03:04:47	14	0.0	8.37	6.7	
03/23/2015	03:06:47	104	2.1	8.58	6.8	
03/23/2015	03:08:47	73	4.5	8.72	15.6	
03/23/2015	03:10:47	74	4.6	8.69	24.7	
03/23/2015	03:12:47	70	4.6	8.69	33.8	
03/23/2015	03:14:47	71	4.7	8.68	43.1	
03/23/2015	03:16:47	77	5.0	8.71	52.8	
03/23/2015	03:18:47	94	4.8	8.39	62.4	

Well	Field	Job Start	Customer	Job Number
Puckett 13C-1	Old 10	Mar/23/2015	Caerus	CV8U-00002

Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
03/23/2015	03:19:09	99	4.7	8.38	64.1	Start 30 bbl Water
03/23/2015	03:20:47	118	4.6	8.35	71.6	
03/23/2015	03:22:47	109	4.7	8.36	80.9	
03/23/2015	03:24:45	24	0.0	8.37	89.3	Finish Water
03/23/2015	03:24:47	23	0.0	8.37	89.3	
03/23/2015	03:24:57	23	0.0	8.37	89.3	Starting S001
03/23/2015	03:26:47	22	0.0	8.36	89.3	
03/23/2015	03:28:47	21	0.0	8.37	89.3	
03/23/2015	03:30:47	20	0.0	8.37	89.3	
03/23/2015	03:32:47	117	4.4	9.44	90.8	
03/23/2015	03:34:47	115	4.6	8.78	99.6	
03/23/2015	03:36:47	108	4.7	8.53	108.9	
03/23/2015	03:36:55	110	4.7	8.53	109.5	End S001
03/23/2015	03:37:01	110	4.6	8.53	110.0	Start Water 20 bbl
03/23/2015	03:38:47	86	4.5	8.43	118.1	
03/23/2015	03:40:47	86	4.6	8.35	127.2	
03/23/2015	03:41:53	153	4.5	9.57	132.2	End Water
03/23/2015	03:41:54	129	4.5	9.59	132.3	Start Zone Lock
03/23/2015	03:42:47	109	4.5	9.73	136.3	
03/23/2015	03:44:47	147	4.6	9.74	145.4	
03/23/2015	03:46:47	125	4.6	9.74	154.6	
03/23/2015	03:48:47	101	0.0	25.00	161.1	
03/23/2015	03:49:26	92	4.7	8.37	163.5	Ned Zone Lock
03/23/2015	03:49:28	94	4.7	8.37	163.7	Start Water
03/23/2015	03:50:47	96	4.7	8.37	169.8	
03/23/2015	03:52:47	101	4.7	8.37	179.2	
03/23/2015	03:54:47	17	0.0	8.37	184.4	
03/23/2015	03:55:25	20	0.0	8.37	184.4	End Water
03/23/2015	03:56:47	21	0.0	8.37	0.0	
03/23/2015	03:58:47	25	0.0	8.37	0.0	
03/23/2015	04:00:47	21	0.0	8.37	0.0	
03/23/2015	04:02:19	205	4.5	12.88	3.5	Start Mixing Lead Slurry
03/23/2015	04:02:21	203	4.6	12.88	3.6	Wet Sample 12.8
03/23/2015	04:02:47	150	4.4	12.88	5.4	
03/23/2015	04:04:47	315	6.6	12.88	17.7	
03/23/2015	04:06:47	294	6.6	12.90	30.9	
03/23/2015	04:08:47	290	6.6	12.89	44.0	
03/23/2015	04:10:47	281	6.6	12.88	57.2	
03/23/2015	04:12:47	267	6.6	12.84	70.4	
03/23/2015	04:14:47	306	6.6	12.85	83.5	
03/23/2015	04:16:47	290	6.6	12.81	96.7	
03/23/2015	04:18:47	286	6.6	12.80	109.9	
03/23/2015	04:20:47	292	6.6	12.84	123.0	
03/23/2015	04:22:47	312	6.6	12.84	136.2	
03/23/2015	04:24:47	291	6.6	12.81	149.4	
03/23/2015	04:26:47	310	6.6	12.82	162.5	
03/23/2015	04:28:47	283	6.6	12.86	175.7	
03/23/2015	04:30:47	290	6.6	12.84	188.9	
03/23/2015	04:32:47	292	6.6	12.84	202.0	
03/23/2015	04:34:47	314	6.6	12.90	215.2	
03/23/2015	04:36:47	292	6.6	12.87	228.3	
03/23/2015	04:38:47	263	6.2	12.83	241.2	
03/23/2015	04:40:47	323	6.1	12.82	253.6	
03/23/2015	04:42:47	413	6.2	12.87	266.1	

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Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
03/23/2015	04:46:47	260	6.2	12.84	290.5	
03/23/2015	04:48:47	271	6.1	12.87	302.8	
03/23/2015	04:50:47	436	6.2	12.82	315.1	
03/23/2015	04:52:47	356	6.1	12.86	327.4	
03/23/2015	04:54:47	254	6.1	12.87	339.6	
03/23/2015	04:56:47	258	6.1	12.94	351.9	
03/23/2015	04:58:47	307	6.1	12.88	364.2	
03/23/2015	04:59:00	227	6.1	12.88	365.5	End Lead Slurry
03/23/2015	05:00:00	278	6.2	12.84	371.6	Start Mixing Tail Slurry
03/23/2015	05:00:47	396	6.1	12.79	376.5	
03/23/2015	05:02:47	294	6.1	12.82	388.7	
03/23/2015	05:04:47	230	6.1	12.84	400.9	
03/23/2015	05:06:47	299	6.1	12.89	413.2	
03/23/2015	05:08:47	409	6.2	12.92	425.5	
03/23/2015	05:10:47	305	6.1	12.90	437.7	
03/23/2015	05:12:47	249	6.1	12.85	450.0	
03/23/2015	05:14:47	223	6.1	13.00	462.2	
03/23/2015	05:16:47	322	6.2	12.92	474.5	
03/23/2015	05:18:47	132	4.5	12.84	486.1	
03/23/2015	05:20:00	102	3.0	12.84	491.1	End Tail Slurry
03/23/2015	05:20:47	94	2.8	12.93	493.4	
03/23/2015	05:22:39	79	2.0	12.99	498.0	No Returns
03/23/2015	05:22:47	78	2.0	12.98	498.3	
03/23/2015	05:24:47	80	2.0	12.92	502.3	
03/23/2015	05:26:47	74	1.9	12.91	506.2	
03/23/2015	05:28:19	76	1.9	12.98	509.1	Drop Top Plug
03/23/2015	05:28:20	76	1.9	12.97	509.1	Start Displacement
03/23/2015	05:28:47	75	1.9	12.98	510.0	
03/23/2015	05:30:47	103	2.6	12.95	514.2	
03/23/2015	05:32:47	25	0.0	13.22	516.4	
03/23/2015	05:34:47	25	0.0	13.22	516.4	
03/23/2015	05:36:47	26	0.0	13.21	516.4	
03/23/2015	05:38:47	26	0.0	13.21	516.4	
03/23/2015	05:40:47	25	0.0	13.22	516.4	
03/23/2015	05:42:47	25	0.0	13.22	516.4	
03/23/2015	05:44:47	25	0.0	13.21	516.4	
03/23/2015	05:46:47	31	0.0	13.16	516.4	
03/23/2015	05:48:47	27	0.0	13.16	516.4	
03/23/2015	05:50:47	68	4.3	9.21	521.7	
03/23/2015	05:52:47	82	3.2	8.69	527.4	
03/23/2015	05:54:47	64	3.2	8.57	533.9	
03/23/2015	05:56:47	73	4.4	8.51	542.0	
03/23/2015	05:58:47	115	4.3	8.43	550.8	
03/23/2015	06:00:47	75	4.6	8.41	559.7	
03/23/2015	06:02:47	101	4.6	8.39	568.9	
03/23/2015	06:04:47	70	4.4	8.37	578.0	
03/23/2015	06:06:47	126	5.1	8.39	587.4	
03/23/2015	06:08:47	94	4.6	8.37	596.6	
03/23/2015	06:10:47	125	4.6	8.37	605.8	
03/23/2015	06:12:47	183	6.5	8.37	616.9	
03/23/2015	06:14:47	239	6.4	8.37	629.6	
03/23/2015	06:16:47	196	6.4	8.37	642.4	
03/23/2015	06:18:47	186	6.4	8.37	655.2	
03/23/2015	06:20:47	321	6.3	8.37	668.0	

Well	Field	Job Start	Customer	Job Number
Puckett 13C-1	Old 10	Mar/23/2015	Caerus	CV8U-00002

Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
03/23/2015	06:24:47	154	4.0	8.37	691.7	
03/23/2015	06:26:47	263	3.0	8.37	699.3	
03/23/2015	06:28:47	207	1.8	8.37	704.9	
03/23/2015	06:30:47	263	1.7	8.37	708.5	
03/23/2015	06:32:47	290	1.8	8.37	712.0	
03/23/2015	06:34:08	774	0.0	8.37	713.7	Bump Top Plug
03/23/2015	06:34:09	773	0.0	8.37	713.7	End Displacement
03/23/2015	06:34:11	772	0.0	8.37	713.7	Bleed Off Check Floats
03/23/2015	06:34:12	774	0.0	8.38	713.7	1 bbl back
03/23/2015	06:34:47	769	0.0	8.38	713.7	
03/23/2015	06:36:47	754	0.0	8.38	713.7	
03/23/2015	06:38:47	745	0.0	8.38	713.7	
03/23/2015	06:40:47	740	0.0	8.38	713.7	
03/23/2015	06:42:47	6	0.0	8.38	713.7	
03/23/2015	10:24:36	3	0.0	8.38	713.7	Start Top Out
03/23/2015	10:24:47	2	0.0	8.38	713.7	
03/23/2015	10:26:47	5	0.0	8.38	713.7	
03/23/2015	10:28:47	5	0.0	8.38	713.7	
03/23/2015	10:30:47	87	3.1	14.29	716.3	
03/23/2015	10:32:47	89	3.1	14.40	722.5	
03/23/2015	10:34:47	86	3.1	14.28	728.7	
03/23/2015	10:36:47	89	3.1	14.27	734.8	
03/23/2015	10:38:47	90	3.1	14.26	740.9	
03/23/2015	10:40:47	90	3.1	14.25	747.0	
03/23/2015	10:42:47	88	3.1	14.16	753.2	
03/23/2015	10:44:47	90	3.1	14.38	759.4	
03/23/2015	10:46:47	90	3.1	14.24	765.6	
03/23/2015	10:48:47	89	3.1	14.32	771.9	
03/23/2015	10:50:47	89	3.1	14.26	778.1	
03/23/2015	10:52:47	89	3.1	14.23	784.4	
03/23/2015	10:54:47	90	3.1	14.37	790.6	
03/23/2015	10:56:47	90	3.1	14.20	796.9	
03/23/2015	10:58:47	90	3.1	14.25	803.1	
03/23/2015	11:00:47	90	3.1	14.24	809.4	
03/23/2015	11:02:47	90	3.2	14.30	813.2	
03/23/2015	11:04:47	9	0.0	14.17	818.8	
03/23/2015	11:06:47	91	3.1	14.30	823.2	
03/23/2015	11:08:47	11	0.0	13.99	827.4	
03/23/2015	11:10:47	11	0.0	14.22	828.5	
03/23/2015	11:12:47	12	0.0	14.26	828.5	
03/23/2015	11:14:47	13	0.0	14.31	828.5	
03/23/2015	11:16:47	12	0.0	14.36	828.5	
03/23/2015	11:18:47	6	0.2	15.42	829.9	
03/23/2015	11:20:47	7	0.0	15.41	829.9	
03/23/2015	11:22:47	5	0.0	15.62	831.6	
03/23/2015	11:24:47	7	0.0	15.62	831.6	
03/23/2015	11:26:47	6	0.0	15.64	831.6	
03/23/2015	11:28:47	4	0.0	15.07	833.1	
03/23/2015	11:30:47	6	0.0	15.08	833.1	
03/23/2015	11:32:47	4	0.0	15.61	834.4	
03/23/2015	11:34:47	106	3.5	15.52	835.8	
03/23/2015	11:36:47	5	0.0	15.51	837.6	
03/23/2015	11:38:47	6	0.0	15.51	837.6	
03/23/2015	11:40:47	5	0.0	15.54	837.6	

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Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
03/23/2015	11:44:47	96	2.9	15.93	845.2	
03/23/2015	11:46:47	94	2.9	15.93	851.1	
03/23/2015	11:48:47	97	2.9	15.87	856.9	
03/23/2015	11:50:47	98	2.9	16.01	862.7	
03/23/2015	11:52:47	98	2.9	15.95	868.5	
03/23/2015	11:54:47	97	2.9	15.72	874.2	
03/23/2015	11:56:47	101	2.9	15.95	880.0	
03/23/2015	11:58:47	103	2.9	15.94	885.8	
03/23/2015	12:00:47	100	2.9	15.83	891.5	
03/23/2015	12:02:47	100	2.9	15.80	897.3	
03/23/2015	12:04:47	103	2.9	16.09	903.1	
03/23/2015	12:06:47	101	2.9	15.83	908.8	
03/23/2015	12:08:47	100	2.9	15.87	914.7	
03/23/2015	12:10:47	99	2.8	15.80	920.5	
03/23/2015	12:12:47	11	0.0	15.06	924.1	
03/23/2015	12:14:47	8	0.0	15.80	927.8	
03/23/2015	12:16:47	12	0.0	15.62	927.8	
03/23/2015	12:18:47	11	0.0	15.53	927.8	
03/23/2015	12:20:47	12	0.0	15.59	927.8	
03/23/2015	12:22:47	11	0.0	15.66	927.8	
03/23/2015	12:24:47	10	0.0	15.69	927.8	
03/23/2015	12:26:47	10	0.0	15.73	927.8	
03/23/2015	12:28:47	9	0.0	15.77	927.8	
03/23/2015	12:28:56	9	0.0	15.78	927.8	End Top Out
03/23/2015	12:30:47	9	0.0	15.81	927.8	
03/23/2015	12:32:47	9	0.0	15.85	927.8	
03/23/2015	12:34:47	66	3.2	9.26	928.6	
03/23/2015	12:36:47	8	0.0	8.87	933.1	
03/23/2015	14:22:00	11	0.0	8.38	933.1	Stopped Acquisition
03/24/2015	02:44:47	-3	0.0	8.37	0.0	
03/24/2015	02:46:47	-4	0.0	8.37	0.0	
03/24/2015	02:48:47	-5	0.0	8.37	0.0	
03/24/2015	02:50:47	-7	0.0	8.37	0.0	
03/24/2015	02:52:47	-9	0.0	8.37	0.4	
03/24/2015	02:54:47	-7	0.0	8.37	0.4	
03/24/2015	02:56:47	-7	0.0	8.37	0.4	
03/24/2015	02:58:47	72	3.0	14.44	3.6	
03/24/2015	03:00:04	71	3.0	14.27	7.4	Start Top Out
03/24/2015	03:00:47	69	2.9	14.28	9.5	
03/24/2015	03:02:47	71	3.0	14.23	15.3	
03/24/2015	03:04:47	76	3.1	14.35	21.4	
03/24/2015	03:06:47	73	3.1	14.14	27.6	
03/24/2015	03:08:47	71	3.0	14.25	33.7	
03/24/2015	03:10:47	-5	0.0	14.11	34.9	
03/24/2015	03:12:47	-5	0.0	14.07	37.4	
03/24/2015	03:14:47	-4	0.0	14.10	37.4	
03/24/2015	03:16:47	-4	0.0	13.92	39.8	
03/24/2015	03:18:47	-3	0.0	13.88	40.8	
03/24/2015	03:20:47	-3	0.0	13.90	40.8	
03/24/2015	03:22:47	-3	0.0	13.93	40.8	
03/24/2015	03:24:47	-3	0.0	13.95	40.8	
03/24/2015	03:26:47	65	3.0	13.88	42.2	
03/24/2015	03:28:47	76	3.1	14.59	43.7	
03/24/2015	03:30:47	74	3.1	14.36	49.9	

Well	Field	Job Start	Customer	Job Number
Puckett 13C-1	Old 10	Mar/23/2015	Caerus	CV8U-00002

Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
03/24/2015	03:34:47	74	3.0	14.37	62.1	
03/24/2015	03:36:47	74	3.1	14.40	68.2	
03/24/2015	03:38:47	74	3.1	14.33	74.3	
03/24/2015	03:40:47	-2	0.0	14.48	77.5	
03/24/2015	03:42:47	-5	0.0	14.33	81.9	
03/24/2015	03:44:47	-2	0.0	14.23	81.9	
03/24/2015	03:46:13	38	1.5	8.53	82.7	80 bbl away Shut down for 3 hours and WOC
03/24/2015	03:46:47	35	1.8	8.38	83.6	
03/24/2015	03:48:47	-3	0.0	8.38	83.9	
03/24/2015	03:50:47	-3	0.0	8.37	83.9	
03/24/2015	03:52:47	-3	0.0	8.37	83.9	
03/24/2015	03:54:47	-2	0.0	8.37	83.9	
03/24/2015	03:56:47	-3	0.0	8.37	83.9	
03/24/2015	03:58:47	-2	0.0	8.37	83.9	
03/24/2015	04:00:47	-2	0.0	8.37	83.9	
03/24/2015	04:02:47	39	2.4	9.04	84.3	
03/24/2015	04:04:47	1	0.0	8.40	90.1	
03/24/2015	04:06:47	51	3.4	8.46	91.7	
03/24/2015	04:08:47	-3	0.0	8.34	94.4	
03/24/2015	04:10:47	49	3.4	8.38	96.0	
03/24/2015	04:12:47	-4	0.0	8.37	98.7	
03/24/2015	04:14:47	21	2.4	8.35	100.9	
03/24/2015	04:16:47	3	0.0	8.41	104.4	
03/24/2015	04:18:47	-5	0.0	8.38	106.5	
03/24/2015	04:20:47	-5	0.0	8.37	106.5	
03/24/2015	04:22:47	-6	0.0	8.37	106.5	
03/24/2015	04:24:47	-7	0.0	8.37	106.5	
03/24/2015	04:26:47	-8	0.0	8.37	106.5	
03/24/2015	04:28:47	-8	0.0	8.37	106.5	
03/24/2015	04:30:47	-8	0.0	8.37	106.5	
03/24/2015	04:32:47	-8	0.0	8.37	106.5	
03/24/2015	04:34:47	-8	0.0	8.37	106.5	
03/24/2015	04:36:47	-7	0.0	8.37	106.5	
03/24/2015	04:38:47	-7	0.0	8.37	106.5	
03/24/2015	04:40:47	-7	0.0	8.37	106.5	
03/24/2015	04:42:47	-7	0.0	8.37	106.5	
03/24/2015	04:44:47	-8	0.0	8.37	106.5	
03/24/2015	04:46:47	-7	0.0	8.37	106.5	
03/24/2015	04:48:47	-8	0.0	8.37	106.5	
03/24/2015	04:50:47	-8	0.0	8.37	106.5	
03/24/2015	04:52:47	-7	0.0	8.37	106.5	
03/24/2015	04:54:47	-7	0.0	8.37	106.5	
03/24/2015	07:14:47	-3	0.0	0.00	106.5	
03/24/2015	07:16:36	-1	0.0	0.46	106.5	Putting 50 lbs Cemnet in the 37 bbl RFC
03/24/2015	07:16:47	-1	0.0	0.77	106.5	
03/24/2015	07:17:10	-1	0.0	0.83	106.5	Put 100 lbs CemNet in hole before pumping the 37 bbl
03/24/2015	07:18:47	-3	0.0	1.36	106.5	
03/24/2015	07:20:47	-3	0.0	1.44	106.5	
03/24/2015	07:22:47	49	2.9	14.30	110.6	
03/24/2015	07:24:47	44	2.9	14.27	116.6	
03/24/2015	07:26:47	47	2.8	14.30	122.4	
03/24/2015	07:28:47	43	2.7	14.31	127.9	
03/24/2015	07:30:47	39	2.6	14.31	133.2	
03/24/2015	07:32:47	63	3.2	14.29	138.5	

Well	Field	Job Start	Customer	Job Number
Puckett 13C-1	Old 10	Mar/23/2015	Caerus	CV8U-00002

Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
03/24/2015	07:36:47	22	0.4	9.03	144.0	
03/24/2015	07:38:47	0	0.0	8.46	144.9	
03/24/2015	07:40:47	-1	0.0	8.41	144.9	
03/24/2015	07:42:47	-1	0.0	8.41	144.9	
03/24/2015	07:44:47	-2	0.0	8.41	144.9	
03/24/2015	07:46:47	-2	0.0	8.41	144.9	
03/24/2015	07:48:47	-1	0.0	8.41	144.9	
03/24/2015	07:50:47	-2	0.0	8.41	144.9	
03/24/2015	07:52:47	-2	0.0	8.41	144.9	
03/24/2015	07:54:47	-2	0.0	8.41	144.9	
03/24/2015	07:56:47	-3	0.0	8.41	144.9	
03/24/2015	07:58:47	-5	0.0	8.41	144.9	
03/24/2015	08:00:47	35	2.7	9.08	149.7	
03/24/2015	08:02:47	54	3.3	9.04	155.3	
03/24/2015	08:04:47	50	3.3	8.42	162.0	
03/24/2015	08:06:47	49	3.3	8.39	168.5	
03/24/2015	08:08:47	85	0.0	8.44	175.3	
03/24/2015	08:10:47	-4	0.0	8.37	177.9	
03/24/2015	08:12:47	-5	0.0	8.37	177.9	
03/24/2015	08:14:47	-4	0.0	8.37	177.9	
03/24/2015	08:15:45	-5	0.0	8.37	177.9	Remark
03/24/2015	08:15:46	-5	0.0	8.37	177.9	Remark
03/24/2015	08:15:47	-5	0.0	8.37	177.9	Remark
03/24/2015	21:03:16	2	0.0	8.38	0.0	Start Top Out
03/24/2015	21:04:47	2	0.0	8.38	0.0	
03/24/2015	21:06:47	2	0.0	8.38	0.0	
03/24/2015	21:08:47	1	0.0	8.38	0.0	
03/24/2015	21:10:47	1	0.0	8.38	0.0	
03/24/2015	21:12:47	1	0.0	8.38	0.0	
03/24/2015	21:14:47	1	0.0	8.38	0.0	
03/24/2015	21:16:47	1	0.0	8.38	0.0	
03/24/2015	21:18:47	-2	0.0	8.38	0.0	
03/24/2015	21:20:47	-2	0.0	8.38	0.0	
03/24/2015	21:22:47	-2	0.0	8.38	0.0	
03/24/2015	21:24:47	2	0.0	8.38	0.0	
03/24/2015	21:26:47	0	0.0	8.38	0.0	
03/24/2015	21:28:47	0	0.0	8.38	0.0	
03/24/2015	21:30:47	1	0.0	8.38	0.0	
03/24/2015	21:32:47	74	3.2	14.78	6.2	
03/24/2015	21:34:47	68	3.1	14.37	12.5	
03/24/2015	21:36:47	65	3.0	14.30	17.1	
03/24/2015	21:38:47	71	3.2	14.45	23.3	
03/24/2015	21:40:47	72	3.1	14.41	29.7	
03/24/2015	21:42:47	1	0.0	14.53	34.0	
03/24/2015	21:44:47	1	0.0	14.56	34.0	
03/24/2015	21:46:47	2	0.0	14.60	34.0	
03/24/2015	21:48:47	-2	0.0	14.48	34.2	
03/24/2015	21:50:47	0	0.0	14.46	34.2	
03/24/2015	21:52:47	0	0.0	14.47	34.2	
03/24/2015	21:54:47	0	0.0	14.49	34.2	
03/24/2015	21:56:47	39	0.5	14.43	34.3	
03/24/2015	21:58:47	0	0.0	14.36	37.6	
03/24/2015	22:00:47	12	0.0	14.95	38.7	
03/24/2015	22:02:47	59	1.9	8.42	39.3	

Well	Field	Job Start	Customer	Job Number
Puckett 13C-1	Old 10	Mar/23/2015	Caerus	CV8U-00002

Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
03/24/2015	22:06:47	-1	0.0	8.38	41.4	
03/24/2015	22:08:47	23	1.9	9.53	43.1	
03/24/2015	22:10:47	35	2.9	8.62	48.7	
03/24/2015	22:12:47	2	0.0	8.38	52.5	
03/24/2015	22:14:47	2	0.0	8.35	52.5	
03/24/2015	22:16:47	2	0.3	8.65	53.7	
03/24/2015	22:18:47	2	0.2	8.42	54.2	
03/24/2015	22:20:47	2	0.2	8.40	54.6	
03/24/2015	22:22:47	2	0.0	8.42	54.7	
03/24/2015	22:24:47	39	2.8	8.60	56.0	
03/24/2015	22:26:47	50	3.4	8.57	58.9	
03/24/2015	22:28:47	17	0.0	8.56	62.7	
03/24/2015	22:30:47	5	0.0	9.75	65.4	
03/24/2015	22:32:47	0	0.0	9.06	65.4	
03/24/2015	22:34:47	0	0.0	8.80	65.6	
03/24/2015	22:36:47	189	5.7	8.22	67.1	
03/24/2015	22:38:47	33	4.7	8.75	74.4	
03/24/2015	22:40:47	14	0.0	8.39	74.7	
03/24/2015	22:42:47	3	0.0	8.38	74.7	
03/24/2015	22:44:47	52	3.4	8.40	78.2	
03/24/2015	22:46:47	2	0.0	8.32	79.7	
03/24/2015	22:48:47	5	0.0	0.47	80.9	
03/24/2015	22:50:47	3	0.0	0.00	80.9	
03/24/2015	22:52:47	3	0.0	0.00	80.9	
03/24/2015	22:54:47	3	0.0	0.00	80.9	
03/24/2015	22:56:47	2	0.0	0.00	80.9	
03/24/2015	22:58:47	2	0.0	0.00	80.9	
03/24/2015	23:00:47	2	0.0	0.00	80.9	
03/24/2015	23:02:47	2	0.0	0.00	80.9	
03/24/2015	23:04:47	1	0.0	0.00	80.9	
03/24/2015	23:06:47	2	0.0	0.00	80.9	
03/24/2015	23:07:00	2	0.0	0.00	80.9	End Top Out

Post Job Summary

Average Pump Rates, bbl/min				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
2.1			16.5	80.9	0.0	0.0	

Treating Pressure Summary, psi					Breakdown Fluid		
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density
394	2	19	1000			bbl	lb/gal

Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	Cement Circulated to Surface?	Volume
%	0.0 bbl	0.0 bbl	degF	☐	bbl
				Washed Thru Perfs ☐	To ft

Customer or Authorized Representative	Schlumberger Supervisor	Circulation Lost	Job Completed
	Cole Fairbrook/ J Warmoth	☐ -	☒ -

Service Quality Evaluation

Client:	Caerus
Field:	Old 10
Rig:	H&P 330
Well:	Puckett 13C-1
Service Line:	Cementing
Job Type:	Surface

Service Order #:	6
Date:	Mar/23/2015
Operating Time (hh:mm):	00:00
Client Rep:	
Schlumberger Engineer:	Cole Fairbrook/ J Warmoth
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** ☐	**no** ☒	0
1b	Free of environmental spill or non-compliant discharge	5	**yes** ☐	**no** ☒	0
1c	Wellsite left clean	4	**yes** ☐	**no** ☒	0
				Sub-total	0%

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

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

4	**Evaluation**				
4a	Main job objective achieved with no consequential non-productive time	10	**yes** ☐	**no** ☒	0
				Sub-total	0%

Total 0%

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

Client:	**Schlumberger:**
Client Signature:	**Schlumberger Signature:**