

CEMENT JOB REPORT



CUSTOMER MARATHON OIL (HOUSTON)		DATE 09-APR-10		F.R. # 1001597213		SERV. SUPV. DELBERT S GALLEGOS	
LEASE & WELL NAME 697-2C #27 - API 05045160150000		LOCATION 2-6S-97W		COUNTY-PARISH-BLOCK Garfield Colorado			
DISTRICT Grand Junction		DRILLING CONTRACTOR RIG # H&P 324		TYPE OF JOB Surface			
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES			
BJ Cement Plug, Rubber, Top 9-5/8		Float Shoe 9-5/8 - 8rd		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS
							PUMP TIME HR:MIN
							Bbl SLURRY
							Bbl MIX WATER
MATERIALS FURNISHED BY BJ							
fresh water					8.34		20
Prem-liteHS+.04lbsStatic+1%CACL+8%bent				1,088	12.3	2.09	404.9
Type III+.04lbs Static+1%CACL+FP-13L				150	14.2	1.47	39.3
Fresh Water					8.34		166.42
Available Mix Water 1000 Bbl.		Available Displ. Fluid 1000 Bbl.		TOTAL		630.62	327.22
HOLE			TBG-CSG-D.P.			COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	SIZE	WGT.	DEPTH	SHOE	STAGE
14.75	50	2260	9.625	36 CSG	2196	2196	2153
LAST CASING			PKR-CMT RET-BR PL-LINER		PERF. DEPTH	TOP CONN	WELL FLUID
SIZE	WGT	DEPTH	BRAND & TYPE	DEPTH	TOP	BTM	WGT.
20	52.73	120			9.625	8RND	
DISPL. VOLUME		DISPL. FLUID	CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI	MAX CSG PSI
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED
166.4	BBLs	Fresh Water	8.34	485	0	0	0
							Operator
							RATED
							Operator
							MIX WATER
							frac tank

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:

PRESSURE/RATE DETAIL					EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW X TEST LINES 3500 PSI CIRCULATING WELL - RIG BJ
	PIPE	ANNULUS				
12:45						pre job safety meeting
01:00						leave yard for location
03:30						arrive to location
03:40						have meeting before spotting trucks
03:50						spot trucks on location
04:30						tailgate meeting/walk around ne location
05:00						start rigging up to rig cellar
07:30						pump operator tripped over flow line and
						hurt his shoulder. medic looked at it and advised
						him he should seek a doctor
						Louis came up and picked him up and took him
						back.
10:20						pre job safety meeting
10:35						rig up lines to casing
10:45	2300	0	.5	4	WATER	trid to pressure test under ground line leaking
11:10	3900	0	.5	2	WATER	pressure test succesful to 3900psi
11:14	165	0	5.2	20	WATER	pump 20bbl fresh water spacer
11:18	0	0	0	0	CEMENT	batch up and weigh cement @ 12.3ppg
11:23	134	0	2.8	5	CEMENT	start downhole with cement 404bbis @ 12.3ppg
11:30	238	0	5.2	50	CEMENT	rate pressure
11:40	214	0	5.2	100	CEMENT	rate pressure
11:50	324	0	5.2	150	CEMENT	rate pressure
12:00	200	0	5.2	200	CEMENT	rate pressure
12:10	250	0	5.2	250	CEMENT	rate pressure

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PRESSURE/RATE DETAIL						EXPLANATION		
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>		
	PIPE	ANNULUS				TEST LINES	3500 PSI	
						CIRCULATING WELL - RIG <input type="checkbox"/> BJ <input type="checkbox"/>		
12:20	292	0	5.2	300	CEMENT	rate pressure		
12:30	350	0	5.2	350	CEMENT	rate pressure		
12:40	256	0	5.2	400	CEMENT	just now switching to bulk truck		
12:49	250	0	2.8	450	CEMENT	end lead cement start tail cement		
12:50	134	0	4.5	2	CEMENT	39bbls tail cement @14.2ppg		
12:55	300	0	4.5	20	CEMENT	rate pressure/wet sample		
13:12	123	0	2.8	39	CEMENT	end cement		
13:13						wash up lines to pit/drop top		
13:20	250	0	5.2	3	DISPLACE	start displacement 166bbls fresh water		
13:22	323	0	8	10	DISPLACE	rate pressure		
13:23	345	0	8	20	DISPLACE	rate pressure		
13:24	289	0	8	30	DISPLACE	rate pressure		
13:26	300	0	8	40	DISPLACE	rate pressure		
13:27	345	0	8	50	DISPLACE	rate pressure		
13:29	365	0	8	60	DISPLACE	rate pressure		
13:30	299	0	8	70	DISPLACE	rate pressure		
13:31	301	0	8	80	DISPLACE	slow rate to 5.6 bpm		
13:33	123	0	5.6	90	DISPLACE	rate pressure		
13:34	145	0	5.6	100	DISPLACM	rate pressure		
13:36	134	0	5.6	110	DISPLACE	rate pressure		
13:37	124	0	5.6	120	DISPLACE	rate pressure		
13:39	166	0	5.6	130	DISPLACE	rate pressure		
13:40	145	0	5.6	140	DISPLACE	rate pressure		
13:41	40	0	2.5	150	DISPLACE	rate pressure		
13:42	50	0	2.5	160	DISPLACE	rate pressure		
13:45	1088	0	0	166	DISPLACE	bump plug to 1088psi hold for 5 minuted		
13:50	0	0	0			bled off pressure float held no circulation		
						no cement to surface. Final circulating pressure		
13:55						was 56psi. pump 20bbls down parasite line		
						wait 4 hours on cement then start top out.		
BUMPED PLUG		PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	SERVICE SUPERVISOR SIGNATURE:
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	1088	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	1.25	629	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N		

CEMENT JOB REPORT



CUSTOMER MARATHON OIL (HOUSTON)		DATE 15-APR-10		F.R. # 1001598317		SERV. SUPV. TIMOTHY L. HAVER	
LEASE & WELL NAME 697-2C #27 - API 05045160150000		LOCATION 2-6S-97W		COUNTY-PARISH-BLOCK Garfield Colorado			
DISTRICT Grand Junction		DRILLING CONTRACTOR RIG # H&P 324		TYPE OF JOB Long String			

SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES						
4-1/2" Top Cem Plug, Nitrile cov, Phe	Float Collar, Ball Valve, 4-1/2 - 8rd			SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
	Float Shoe 4-1/2 - 8rd									
MATERIALS FURNISHED BY BJ										
Surfactant Wash				0	8.34	0	0	00:00	20	
PLHS+.3%BA-59+10lbs/skCSE-2+.7%FL-52A+6%Bent+20%SF				904	12.5	2.51	13.15	00:45	403.74	283.12
Claytreat Water				0	8.34	0	0	00:00	145.56	
0				0	0	0	0	00:00	0	
0				0	0	0	0	00:00	0	
Mud Clean I				0	8.4	0	0	00:00	30	
Surfactant Wash				0	8.34	0	0	00:00	20	
+.04lbs/skSF+.4%R-3+.25lbs/skCF+.5%CD-32+3lbs/skKS				0	0	0	0	00:00	0	
Available Mix Water 1000 Bbl.		Available Displ. Fluid 500 Bbl.		TOTAL				619.29	283.12	

HOLE			TBG-CSG-D.P.				COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE
8.75	67	9616	4.5	11.6	CSG	9405	P-110	9616	9568	0

LAST CASING			PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN		WELL FLUID	
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE	DEPTH	TOP	BTM	SIZE	THREAD	WGT.
9.625	36	CSG	2250	no packer	0	0	0	4.5	8RD	9.8

DISPL. VOLUME		DISPL. FLUID		CAL. PSI		CAL. MAX PSI		OP. MAX		MAX TBG PSI		MAX CSG PSI		MIX WATER	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator	RATED	Operator	RATED	Operator	
147	BBLs	Claytreat Water	8.34	1500	0	0	0	0	0	0	10690	8552	FRAC	TANK	

Circulation Prior to Job															
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1.5				Circulation Rate: 5 BPM							
Mud Density In: 9.5 LBS/GAL				Mud Density Out: 9.5 LBS/GAL				PV & YP Mud In: 0				PV & YP Mud Out: 0			
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>				Units:				Solids Present at End of Circulation: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>							

Displacement And Mud Removal											
Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>				Amount Bled Back After Job: 1 BBLs							
Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL				Method Used to Verify Returns: visual							
Cement Returns at Surface: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO				Were Returns Planned at Surface: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES							
Pipe Movement: <input type="checkbox"/> ROTATION <input type="checkbox"/> RECIPROICATION <input type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE											
Centralizers: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Quantity:				Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID			
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input checked="" type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD											

Plugs															
Number of Attempts by BJ:				Competition:				Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Quantity:			
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES								Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES							
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES								Top of Plug: FT				Bottom of Plug: FT			

Squeezes (Update Original Treatment Report for Primary Job)											
BLOCK SQUEEZE <input type="checkbox"/>		SHOE SQUEEZE <input type="checkbox"/>		TOP OF LINER SQUEEZE <input type="checkbox"/>		PLANNED <input type="checkbox"/>		UNPLANNED <input type="checkbox"/>			
Liner Packer: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Bond Log: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		PSI Applied:		Fluid Weight: LBS/GAL			

Casing Test (Update Original Treatment Report for Primary Job)											
Casing Test Pressure: PSI		With LBS/GAL		Mud		Time Held: Hours		Minutes			

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:

CEMENT JOB REPORT



Shoe Test (Update Original Treatment Report for Primary Job)

Depth Drilled out of Shoe: FT Target EMW: LBS/GAL Actual EMW: LBS/GAL

Number of Times Tests Conducted: Mud Weight When Test was Conducted: LBS/GAL

Problems Before Job (I.E. Running Casing, Circulating Well, ETC)

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)

PRESSURE/RATE DETAIL

EXPLANATION

TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW X CO. REP. X			
	PIPE	ANNULUS				TEST LINES	4621 PSI	CIRCULATING WELL - RIG	BJ
08:00									
08:15									
10:30									
11:15									
11:50									
00:30									
15:30									
16:30									
17:15									
17:32									
17:35									
17:39	188	0	5.2	20	SPACER				
17:44	186	0	5.2	30	SPACER				
17:49	198	0	5.2	20	SPACER				
17:54									
18:06	370	0	5.2	10	CMT				
18:13	402	0	5.2	40	CMT				
18:22	484	0	5.2	50	CMT				
18:41	401	0	5.2	100	CMT				
19:09	300	0	3.5	100	CMT				
19:36	455	0	5.2	104	CMT				
19:36									
19:40									
19:50	179	0	5.2	10	H2O				
19:58	381	0	7.6	40	H2O				
20:06	407	0	5	50	H2O				
20:11	504	0	2.2	30	H2O				
21:16	704	0	2.2	10	H2O				
20:19	780	0	2.2	6	H2O				
20:20	1509	0	2.2	1	H2O				
20:25									
20:28									
20:30									

BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	Service Supervisor Signature:
Y N	1509	Y N	0	621	0	Y N	