

# CEMENT JOB REPORT



<b>CUSTOMER</b> MARATHON OIL (HOUSTON)		<b>DATE</b> 01-JUN-10		<b>F.R. #</b> 1001626669		<b>SERV. SUPV.</b> DELBERT S GALLEGOS	
<b>LEASE &amp; WELL NAME</b> 697-26A #14 - API 05045192250000				<b>LOCATION</b> 26-6S-97W		<b>COUNTY-PARISH-BLOCK</b> Garfield Colorado	
<b>DISTRICT</b> Grand Junction		<b>DRILLING CONTRACTOR RIG #</b> H&P 324				<b>TYPE OF JOB</b> Long String	
<b>SIZE &amp; TYPE OF PLUGS</b>		<b>LIST-CSG-HARDWARE</b>		<b>PHYSICAL SLURRY PROPERTIES</b>			
BJ Cement Plug, Rubber, Bottom 4-1/		Float Shoe 4-1/2 - 8rd		<b>SACKS OF CEMENT</b>	<b>SLURRY WGT PPG</b>	<b>SLURRY YLD FT<sup>3</sup></b>	<b>WATER GPS</b>
							<b>PUMP TIME HR:MIN</b>
							<b>Bbl SLURRY</b>
							<b>Bbl MIX WATER</b>
<b>MATERIALS FURNISHED BY BJ</b>							
Surfactant wash					8.34		20
Mud Clean I					8.34		30
Surfactant Wash					8.34		20
Prem-liteHS+.04lbsStatic+.4%R-3+.25lbsFlake				904	12.5	2.51	404 282.96
.5%CD-32+3lbsKolSeal+.2%SMS+FP-13L				0	12.5	2.51	0 0
Claytreat Water					8.34		138
Available Mix Water 1000 Bbl.		Available Displ. Fluid 1000 Bbl.		<b>TOTAL</b>			612 282.96
<b>HOLE</b>			<b>TBG-CSG-D.P.</b>			<b>COLLAR DEPTHS</b>	
<b>SIZE</b>	<b>% EXCESS</b>	<b>DEPTH</b>	<b>SIZE</b>	<b>WGT.</b>	<b>TYPE</b>	<b>DEPTH</b>	<b>GRADE</b>
8.75	39	9010	4.5	11.6	CSG	8970	
						<b>SHOE</b>	<b>FLOAT</b>
						8970	8902
						<b>STAGE</b>	
<b>LAST CASING</b>			<b>PKR-CMT RET-BR PL-LINER</b>			<b>PERF. DEPTH</b>	
<b>SIZE</b>	<b>WGT</b>	<b>TYPE</b>	<b>DEPTH</b>	<b>BRAND &amp; TYPE</b>	<b>DEPTH</b>	<b>TOP</b>	<b>BTM</b>
9.625	36		2250				
						<b>SIZE</b>	<b>THREAD</b>
						4.5	8RND
						<b>TYPE</b>	<b>WGT.</b>
<b>DISPL. VOLUME</b>		<b>DISPL. FLUID</b>		<b>CAL. PSI</b>	<b>CAL. MAX PSI</b>	<b>OP. MAX</b>	<b>MAX TBG PSI</b>
<b>VOLUME</b>	<b>UOM</b>	<b>TYPE</b>	<b>WGT.</b>	<b>BUMP PLUG</b>	<b>TO REV.</b>	<b>SQ. PSI</b>	<b>RATED</b>
138	BBLs	Claytreat Water	8.34	1550	0	0	0
							<b>Operator</b>
							10680
							<b>Operator</b>
							8552
							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 CO. REP. X	
	PIPE	ANNULUS				TEST LINES	3500 PSI
						CIRCULATING WELL - RIG	X BJ
13:00						convoy meeting	
13:15						leave yard for location	
15:30						tailgate and spot trucks meeting	
16:00						spot trucks/start rigging iron and hoses	
18:00						off duty for casing	
23:00						prejob safety meeting	
23:20						rig up lines to csg	
23:45	3500	0	.5	3	WATER	pressure test lines to 3500psi	
23:49	370	0	5.4	20	WASH	start Surfactant wash	
23:53	371	0	5.4	30	CLEAN	start mud clean	
23:59	370	0	5.4	20	WASH	start Surfactant wash	
00:05		0	0	0	CEMENT	batch up cement/weigh on mud scales 12.5ppg	
00:10	250	0	4	3	CEMENT	start downhole with cement	
00:20	491	0	5.2	50	CEMENT	rate pressure	
00:29	606	0	5.2	100	CEMENT	rate pressure	
00:38	610	0	5.2	150	CEMENT	rate pressure	
00:49	589	0	5.2	200	CEMENT	rate pressure	
00:57	613	0	5.2	250	CEMENT	rate pressure	
01:07	609	0	5.2	300	CEMENT	rate pressure	
01:17	555	0	5.2	350	CEMENT	rate pressure	
01:27	0	0	0	394	CEMENT	end cement	

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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 checked="" type="checkbox"/> BJ <input type="checkbox"/>	
01:28		0	0	20	WATER	wash lines to pit drop top plug	
01:37	289	0	6.9	3	WATER	start displacement	
01:41	402	0	8.2	30	WATER	rate pressure	
01:45	185	0	5.8	60	WATER	caught cement slow to 5.8bpm	
01:50	568	0	5.8	90	WATER	rate pressure	
01:55	823	0	4.2	120	WATER	rate pressure	
01:57	765	0	2.5	130	WATER	rate pressure	
02:01	1550	0	0	138	WATER	end displacement bump plug to 1550psi	
						hold for 5 minutes	
02:06	0	0	0	0	WATER	bled off float held rig down meeting	
02:15						rig down lines and hoses.	

  

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	1550	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	612	0	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	