

# CEMENT JOB REPORT



<b>CUSTOMER</b> MARATHON OIL (HOUSTON)		<b>DATE</b> 23-MAY-10		<b>F.R. #</b> 1001620802		<b>SERV. SUPV.</b> TIMOTHY L. HAER	
<b>LEASE &amp; WELL NAME</b> 697-26A #12 - API 05045192290000		<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, Top 4-1/2		Float Collar, Auto Fill, 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>
		Guide Shoe, Cement Nose, 4-1/2 i					
<b>MATERIALS FURNISHED BY BJ</b>							
Mud Clean I				8.34			30
Premium Lite HS				904	12.5	2.51	13.15 00:45 403.74 283.07
Claytreat Water				8.34			137.29
Surfactant Wash				8.34			20
Surfactant Wash				8.34			20
Available Mix Water 2000 Bbl.		Available Displ. Fluid 1647 Bbl.		<b>TOTAL</b>		611.03 283.07	
<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	90	9030	4.5	11.6	CSG	8995	P-110
						8995	8953
							0
<b>LAST CASING</b>		<b>PKR-CMT RET-BR PL-LINER</b>		<b>PERF. DEPTH</b>		<b>TOP CONN</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	no packer	0	0	0
						4.5	8 RND
							WATER BASED MU
							8.7
<b>DISPL. VOLUME</b>		<b>DISPL. FLUID</b>		<b>CAL. PSI</b>		<b>CAL. MAX 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>
139	BBLs	Claytreat Water	8.34	1422	0	0	0
							0
							10690
							8552
							frac tank
<b>Circulation Prior to Job</b>							
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>		Circulation Time: 1		Circulation Rate: 5 BPM			
Mud Density In: 8.7 LBS/GAL		Mud Density Out: 8.7 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"/>			
<b>Displacement And Mud Removal</b>							
Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>		Amount Bled Back After Job: 1.5 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"/> RECIPROCATION <input type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE							
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES		Quantity: 25		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							
<b>Plugs</b>							
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	
<b>Squeezes (Update Original Treatment Report for Primary Job)</b>							
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	
<b>Casing Test (Update Original Treatment Report for Primary Job)</b>							
Casing Test Pressure: PSI		With LBS/GAL		Mud		Time Held: Hours Minutes	
<b>Shoe Test (Update Original Treatment Report for Primary Job)</b>							
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			

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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)

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 <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES	4600 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
23:51						preconvoy meeting	
23:58						left yard	
01:53						arrive on location	
02:00						prerig up meeting rig iron	
04:00						crew off duty	
06:00						crew on duty	
06:18						prejob meeting	
06:30						stab head	
07:02						psi test to 4600 psi	
07:04	260	0	5.3	20	H2O	spacer	
07:08	266	0	5.3	30	H2O	spacer	
07:15	233	0	5.41	20	H2O	spacer	
07:18						batch up cement	
07:23	268	0	3.37	10	CMT	cement slurry	
07:32	524	0	5	40	CMT	cement slurry	
07:41	584	0	5.09	50	CMT	cement slurry	
08:01	524	0	5.29	100	CMT	cement slurry	
08:21	619	0	5.12	100	CMT	cement slurry	
08:43	617	0	5.12	104	CMT	cement slurry	
08:44						wash up pump	
08:47						drop plug	
08:28	208	0	5.3	10	H2O	displacement	
08:58	167	0	5.3	40	H2O	displacement	
09:08	577	0	5.27	50	H2O	displacement	
09:11	799	0	5.27	20	H2O	displacement	
09:16	765	0	2.5	18	H2O	displacement	
09:16	1422					bump plug	
09:21						check floats	
09:21						1 bbl back	
09:30						end job Thanks Tim and BJ crew.....	

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	1422	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	491	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	