

# CEMENT JOB REPORT



<b>CUSTOMER</b> MARATHON OIL (HOUSTON)		<b>DATE</b> 15-JUN-09		<b>F.R. #</b> 444310412		<b>SERV. SUPV.</b> TIMOTHY L HAFER						
<b>LEASE &amp; WELL NAME</b> 696-6A #13 - API 05045168470000			<b>LOCATION</b> 34-5S-96W			<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						
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE			PHYSICAL SLURRY PROPERTIES							
Cement Plug, Rubber, Top 4-1/2 in		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>	<b>PUMP TIME HR:MIN</b>	<b>Bbl SLURRY</b>	<b>Bbl MIX WATER</b>	
		Guide Shoe, Cement Nose, 4-1/2 in										
MATERIALS FURNISHED BY BJ												
Mud Clean I						8.34					30	
Premium Lite HS					904	12.5	2.50	13.08			402.67	281.45
Claytreat Water						8.34					157	
Surfactant Wash						8.34					20	
Surfactant Wash						8.34					20	
Available Mix Water		1000 Bbl.		Available Displ. Fluid		530 Bbl.		<b>TOTAL</b>		629.67	281.45	
HOLE			TBG-CSG-D.P.					COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE		
8.75	50	10472	4.5	11.6	CSG	10164	P-110	10358	10317.68		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	TYPE	WGT.
9.625	36		2285	no packer		0	0	0	4.5	8RND	WATER BASED MU	9.1
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		
160.5	BBLS	Claytreat Water	8.34	1800	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: 3				Circulation Rate: 10 BPM				
Mud Density In: 9.1 LBS/GAL				Mud Density Out: 9.1 LBS/GAL				PV & YP Mud In: 70		PV & YP Mud Out: 70		
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: 1.5 BBLS								
Returns During Job: <input type="checkbox"/> NONE <input checked="" type="checkbox"/> PARTIAL <input 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												
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				
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								

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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		CO. REP.		
	PIPE	ANNULUS				X	X	X	X	
						TEST LINES 4500 PSI				
						CIRCULATING WELL - RIG		X	BJ	
07:15						pre convoy meeting				
07:32						left yard				
09:47						arrive on location				
10:15						spot trucks pre rig up meeting				
11:30						WAIT ON CSG				
13:50						pre job safety meeting				
14:00						stab head				
14:15						RIG PUMP MUD AND PILL				
16:27						psi test to 4500 psi				
16:31	200	0	2	20	SPACER	surfactant wash				
16:40	260	0	3.4	30	SPACER	mud clean				
16:48	200	0	5.2	20	SPACER	surfactant wash				
16:53						batch and weigh cement				
16:57	475	0	5	10	CMT	cement slurry				
17:06	442	0	5.2	40	CMT	cement slurry				
17:16	445	0	5.1	50	CMT	cement slurry				
17:36	430	0	5	100	CMT	cement slurry				
17:58	460	0	5	100	CMT	cement slurry				
18:15	500	0	5	102	CMT	cement slurry				
18:20						wash up pump				
18:27						drop plug				
18:29	120	0	5	10	H2O	displacement				
18:37	148	0	5	40	H2O	displacement				
18:47	823	0	5	50	H2O	displacement				
18:58	1135	0	2.5	50	H2O	displacement				
19:03	1931	0	2.5	10.5	H2O	displacement				
19:04	1931	0	0	0	0	bump plug FROM 1200 TO 1931 PSI				
19:12						check floats DID NOT HOLD				
19:13	2066	0	1	4	H2O	RE BUMP PLUG TO 2066				
19:46						CHECK FLOATS 1.5 BBL BACK				
20:00						End Job Thanks Tim and BJ Crew.....				
<b>BUMPED PLUG</b>	<b>PSI TO BUMP PLUG</b>	<b>TEST FLOAT EQUIP.</b>	<b>BBL.CMT RETURNS/ REVERSED</b>	<b>TOTAL BBL. PUMPED</b>	<b>PSI LEFT ON CSG</b>	<b>SPOT TOP OUT CEMENT</b>	<b>Service Supervisor Signature:</b>			
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	2060	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	552	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N				