

# CEMENT JOB REPORT



<b>CUSTOMER</b> MARATHON OIL (HOUSTON)		<b>DATE</b> 12-MAY-10	<b>F.R. #</b> 1001614758	<b>SERV. SUPV.</b> TIMOTHY L HAFER							
<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> Surface							
<b>SIZE &amp; TYPE OF PLUGS</b>		<b>LIST-CSG-HARDWARE</b>		<b>PHYSICAL SLURRY PROPERTIES</b>							
BJ Cement Plug, Rubber, Top 9-5/8		Float Collar, Auto Fill, 9-5/8 - 8rd Guide Shoe, Cement Nose, 9-5/8 i		<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>											
Premium Lite Cement				1,088	12.3	2.09	11.62	03:55	404.05	301.07	
Type III with Additives				150	14.2	1.47	7.35	01:51	39.32	26.25	
Water					8.5				178.59		
Fresh Water					8.34				20		
Available Mix Water <u>2000</u> Bbl.		Available Displ. Fluid <u>1653</u> Bbl.		<b>TOTAL</b>				<b>641.96</b>	<b>327.32</b>		
<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>	<b>SHOE</b>	<b>FLOAT</b>	<b>STAGE</b>	
14.75	50	2230	9.625	36	CSG	2350	J-55	2188	2145.22	0	
<b>LAST CASING</b>			<b>PKR-CMT RET-BR PL-LINER</b>			<b>PERF. DEPTH</b>		<b>TOP CONN</b>		<b>WELL FLUID</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>	<b>SIZE</b>	<b>THREAD</b>	<b>TYPE</b>	<b>WGT.</b>
20	52.73		120	no packer	0	0	0	9.625	8RND	WATER BASED MU	8.5
<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>MAX CSG PSI</b>		<b>MIX WATER</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>	<b>Operator</b>	<b>RATED</b>	<b>Operator</b>	<b>FRAC TANK</b>
163.7	BBLS	Water	8.5	895	0	0	0	0	3520	2816	FRAC TANK
<b>Circulation Prior to Job</b>											
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			Circulation Time: 1			Circulation Rate: 8 BPM					
Mud Density In: 8.5 LBS/GAL			Mud Density Out: 8.5 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"/>		
<b>Displacement And Mud Removal</b>											
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 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											
<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								
<b>EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:</b>											

# CEMENT JOB REPORT



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 <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES	4400 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
05:30						preconvoy meeting	
05:52						left yard	
08:00						arrive on location	
08:15						spot trucks pre rigup meeting rig iron	
09:20						crew off duty wait on csg	
12:30						crew back on duty prime up pump get ready for job meeting	
13:25						prejob meeting	
13:15						stab head	
13:43						psi test to 4400	
13:47	202	0	5.2	20	H2O	spacer	
13:50						batch and weight cement	
13:53	358	0	5.2	10	CMT	lead	
14:04	383	0	5.1	40	CMT	lead	
14:14	300	0	5	50	CMT	lead	
14:34	310	0	5	100	CMT	lead	
14:54	300	0	5	100	CMT	lead	
15:18	79	0	2.5	104	CMT	lead	
15:23	131	0	2.8	10	CMT	tail	
15:26	121	0	2.8	10	CMT	tail	
15:32	130	0	2.5	19	CMT	tail	
15:33						wash up pump	
15:37						drop plug	
15:42	150	0	5	10	H2O	displacement	
15:51	160	0	5.2	40	H2O	displacement	
16:01	168	0	5.2	50	H2O	displacement	
16:10	220	0	5.2	50	H2O	displacement	
16:13	110	0	2.5	13.7	H2O	displacement	
16:14						bump plug	
16:19						check floats	
16:19						1 BBL Back	
16:25	150	0	1.2	20	H2O	sugar water down parasite line	
16:30						end main job get ready for topout...	
						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	895	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	628	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	