

# CEMENT JOB REPORT



<b>CUSTOMER</b> MARATHON OIL - XML			<b>DATE</b> 30-AUG-11		<b>F.R. #</b> 1001847946		<b>SERV. SUPV.</b> CHRISTOPHER M MCKEON				
<b>LEASE &amp; WELL NAME</b> RAWHIDE FLATS 10-68-16 #1M - API 050690643500			<b>LOCATION</b> 16-10N-68W			<b>COUNTY-PARISH-BLOCK</b> Larimer Colorado					
<b>DISTRICT</b> Brighton			<b>DRILLING CONTRACTOR RIG #</b>			<b>TYPE OF JOB</b> Surface					
<b>SIZE &amp; TYPE OF PLUGS</b>		<b>LIST-CSG-HARDWARE</b>			<b>PHYSICAL SLURRY PROPERTIES</b>						
		Cement Basket, Slip On, 8-5/8 in			<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>
		Centralizer, with Pins, 8-5/8 in									
<b>MATERIALS FURNISHED BY BJ</b>											
Fresh water					0	8.34	0	0	00:00	20	
Type III + additives					200	14.5	1.40	6.82	01:30	49.8	32.54
Fresh water					0	8.34	0	0	00:00	17.5	
Premium Lite					200	12.5	1.97	10.76	00:00	70.1	51.16
Available Mix Water <u>400</u> Bbl. Available Displ. Fluid <u>400</u> Bbl.					<b>TOTAL</b>					157.4	83.70
<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>	
12.25	23	1241	8.625	32	CSG	1240	J-55	1240	1192	0	
			4.5	16.6	DP	1196	P-110				
<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>WGT.</b>
16	62.55	CSG	60	Cement Retainer		1192	0	0	4.5	8RD	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>	
17.5	BBLS	Fresh water	8.34	301	0	0	5768	1000	3144	1000	Rig Tank
<b>Circulation Prior to Job</b>											
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 3			Circulation Rate: 5 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: .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 checked="" type="checkbox"/> YES <input type="checkbox"/> NO						Were Returns Planned at Surface: <input type="checkbox"/> NO <input checked="" 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 type="checkbox"/> NO <input checked="" type="checkbox"/> YES						Quantity: 12		Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID			
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input type="checkbox"/> MANIFOLD <input checked="" type="checkbox"/> NO MANIFOLD											
<b>Plugs</b>											
Number of Attempts by BJ: 0 Competition: 0						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: 0 FT			Bottom of Plug: 0 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: 0		Fluid Weight: 0 LBS/GAL	
<b>Casing Test (Update Original Treatment Report for Primary Job)</b>											
Casing Test Pressure: 0 PSI With 0 LBS/GAL Mud						Time Held: 00 Hours 00 Minutes					
<b>Shoe Test (Update Original Treatment Report for Primary Job)</b>											
Depth Drilled out of Shoe: 0 FT						Target EMW: 0 LBS/GAL			Actual EMW: 0 LBS/GAL		
Number of Times Tests Conducted: 0						Mud Weight When Test was Conducted: 0 LBS/GAL					

# CEMENT JOB REPORT



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

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

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

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

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	3005 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
17:50	0	0	0	0	NA	Arrive Location	
18:30	0	0	0	0	NA	Rig up safety meeting	
23:15	0	0	0	0	NA	Pre job safety meeting	
23:40	3005	0	0	0	H2O	Pressure test	
23:44	171	0	4.8	30	H2O	Fresh water spacer/ Test Mix Water	
23:58	161	0	4.9	69	CMT	Batch up, weigh and pump 200 sx. PLC + 6% Bentonite + 0.3% SM + 2% Calcium Chloride + 0.25 lbs/sack Cello Flake @ 12.5 ppg	
00:12	160	0	4.3	50	CMT	Batch up, weigh and pump 200 sx. Type III Cement + 0.5% Calcium Chloride @ 14.5 ppg.	
00:23	369	0	4.2	17.5	H2O	Fresh water displacement	
00:28	243	0	0	0	NA	Shut down/ Sting out/ Verify float	
00:30	0	0	0	0	NA	Rig down safety meeting	

  

BUMPED PLUG Y <input checked="" type="checkbox"/> N	PSI TO BUMP PLUG 0	TEST FLOAT EQUIP. <input checked="" type="checkbox"/> Y N	BBL.CMT RETURNS/ REVERSED 21	TOTAL BBL. PUMPED 166.5	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT Y <input checked="" type="checkbox"/> N	Service Supervisor Signature:
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