

# CEMENT JOB REPORT



<b>CUSTOMER</b> MARATHON OIL - XML		<b>DATE</b> 23-NOV-11		<b>F.R. #</b> 1001869404		<b>SERV. SUPV.</b> SCOTT D SMITH						
<b>LEASE &amp; WELL NAME</b> OWL CREEK 8-64-30 1A - API 05123338080000		<b>LOCATION</b> 30-8N-64W		<b>COUNTY-PARISH-BLOCK</b> Weld Colorado								
<b>DISTRICT</b> Brighton		<b>DRILLING CONTRACTOR RIG #</b> H&P 321		<b>TYPE OF JOB</b> Intermediate								
<b>SIZE &amp; TYPE OF PLUGS</b>		<b>LIST-CSG-HARDWARE</b>		<b>MECHANICAL BARRIERS</b>		<b>MD</b>	<b>TVD</b>					
Cement Plug, Rubber, Top 7 in		Float Collar, Auto Fill, 7 - 8rd										
		Float Shoe 7 - 8rd										
<b>MATERIALS FURNISHED BY BJ</b>		<b>LAB REPORT NO.</b>		<b>PHYSICAL SLURRY PROPERTIES</b>								
				<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>		
Premium Lite Cement + additives				634	12.5	1.93	10.17	00:02	217.37	153.48		
50:50:3 + 0.4% FL-52+0.1% SMS+20%S-8				125	13.5	1.74	8.04	04:59	38.73	23.88		
Fresh Water				290.7	8.34	0	0	00:00	293.09			
Sealbond Preflush				40	8.5	0	0	00:00	40			
Claytreat Water + Alpha-125				20	8.34	0	0	00:00	20			
Available Mix Water 850 Bbl.		Available Displ. Fluid 300 Bbl.		<b>TOTAL</b>				609.19	177.35			
<b>HOLE</b>		<b>TBG-CSG-D.P.</b>				<b>COLLAR DEPTHS</b>						
<b>SIZE</b>	<b>% EXCESS</b>	<b>DEPTH</b>	<b>ID</b>	<b>OD</b>	<b>WGT.</b>	<b>TYPE</b>	<b>MD</b>	<b>TVD</b>	<b>GRADE</b>	<b>SHOE</b>	<b>FLOAT</b>	<b>STAGE</b>
8.75	25	7707	6.276	7	26	CSG	7692	7692	P-110	7692	7598	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>ID</b>	<b>OD</b>	<b>WGT</b>	<b>TYPE</b>	<b>MD</b>	<b>TVD</b>	<b>BRAND &amp; TYPE</b>	<b>DEPTH</b>	<b>TOP</b>	<b>BTM</b>	<b>SIZE</b>	<b>THREAD</b>	<b>WGT.</b>
8.8	9.63	40	CSG	985	985	No Liner	0	0	0	7	8 RD	10.5
<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>		
290.7	BBLs	Fresh Water	8.34	1696	0	0	0	0	7968	3000	Rig Tank	
<b>Circulation Prior to Job</b>												
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 1			Circulation Rate: 4 BPM			
Mud Density In: 10.5 LBS/GAL Mud Density Out: 10.5 LBS/GAL						PV & YP Mud In:			PV & YP Mud Out:			
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: 2.5 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"/> RECIPROCATION <input checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE												
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES						Quantity: 67			Type: <input checked="" 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: 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				
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None												



# CEMENT JOB REPORT



## Shoe Test (Update Original Treatment Report for Primary Job)

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

Problems Before Job (I.E. Running Casing, Circulating Well, ETC)  
 n/a

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)  
 Tattle tale wire broke had to open head to make sure plug left.

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

### 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	5410 PSI		
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/>	BJ	<input type="checkbox"/>
14:00	0	0	0	0	NONE	Yard Call			
17:00	0	0	0	0	NONE	Leave Yard			
18:20	0	0	0	0	NONE	Arrive Location 57 miles			
23:10	0	0	0	0	NONE	Spot Truck wain on rig to run casing			
23:20	0	0	0	0	NONE	Pre Job Rig Up Safety Meeting			
02:10	0	0	0	0	NONE	Job Safety Meeting			
02:45	5410	0	0	0	H2O	Pressure Test			
02:53	755	0	4.8	20	H2O	Pre Flush w/Magnicide			
02:58	612	0	4.7	40	H2O	Sealbond Plus			
03:11	760	0	4.8	155	CMT	634 Sks PLC + .25 lbs/sk cello flake; 5 lbs/sk kol-seal; .4% FL52; 3% Bentonite			
03:47	550	0	4.2	66	CMT	Lead Slurry Rate / Pressure Change			
04:02	460	0	4.2	42	CMT	125 sks POZ + .25 lbs/sk Cello Flake; 5 lbs/sk Kol-Seal; .4% FL52; 3% Bentonite; .1% Sodium Metasilicate; 20% Silica Flour			
04:15	0	0	0	0	NONE	Shut down, Wash up, Drop plug			
04:21	180	0	4.8	80	H2O	Displacement			
04:40	270	0	4.8	180	H2O	Displacement Rate / Pressure			
05:18	1830	0	3.6	20	H2O	Displacement Rate / Pressure			
05:23	1875	0	2.4	12.5	H2O	Displacement Rate / Pressure			
05:30	2010	0	2.4	292.5	H2O	Bump Plug			
05:35	0	0	0	0	NONE	Plug Down			
05:35	0	0	0	0	NONE	Post Job Rig Down Safety Meeting			

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	2680	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	40	615.5	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<i>Scarburt</i>

x *[Signature]*



**BJ Services JobMaster Program Version 3.50**  
Job Number: 1001869404  
Customer: Marathon Oil  
Well Name: Owl Creek 8-64-30 1A

