

# CEMENT JOB REPORT



<b>CUSTOMER</b> Marathon Oil Gabon, Limited			<b>DATE</b> 20-JUN-11		<b>F.R. #</b> 1001819534		<b>SERV. SUPV.</b> RYAN SULLIVAN		
<b>LEASE &amp; WELL NAME</b> FRENCH LAKE 4-63-36 #1M - API 05123331370000			<b>LOCATION</b> 36-4N-63W			<b>COUNTY-PARISH-BLOCK</b> Weld Colorado			
<b>DISTRICT</b> Brighton			<b>DRILLING CONTRACTOR RIG #</b>			<b>TYPE OF JOB</b> Surface			

SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES						
SIZE	TYPE	SIZE	TYPE	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT <sup>3</sup>	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
Float Shoe 8-5/8 - 8rd		Float Collar, Al Flap, 8-5/8 - 8rd								
<b>MATERIALS FURNISHED BY BJ</b>										
Fresh water				0	8.34	0	0	00:00	25	
Type III + additives				411	14.5	1.41	6.82	01:30	103.2	66.91
Fresh water				0	8.34	0	0	00:00	7	
Available Mix Water 100 Bbl. Available Displ. Fluid 200 Bbl.				<b>TOTAL</b>			135.2 66.91			

HOLE			TBG-CSG-D.P.				COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE
12.25	0	728	8.625	32	CSG	726	J-55	726	684	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.
16	62.55		60	No packer	0	0	0	4.5	X-HOLE	WATER BASED MU	8.5

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					
7	BBLs	Fresh water	8.34	233	0	0	5768	1000	3144	1000					Rig

**Circulation Prior to Job**

Circulated Well: Rig ☒ BJ ☐      Circulation Time: 4      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 ☒ YES ☐      Units:      Solids Present at End of Circulation: NO ☒ YES ☐

**Displacement And Mud Removal**

Displaced By: Rig ☐ BJ ☒      Amount Bled Back After Job: 1 BBLs

Returns During Job: ☐ NONE ☐ PARTIAL ☒ FULL      Method Used to Verify Returns: Visually

Cement Returns at Surface: ☒ YES ☐ NO      Were Returns Planned at Surface: ☐ NO ☒ YES

Pipe Movement: ☐ ROTATION ☐ RECIPROCATION ☒ NONE ☐ UNABLE DUE TO STUCK PIPE

Centralizers: ☒ NO ☐ YES      Quantity:      Type: ☐ BOW ☐ RIGID

Job Pumped Through: ☐ CHOKE MANIFOLD ☐ SQUEEZE MANIFOLD ☐ MANIFOLD ☒ NO MANIFOLD

**Plugs**

Number of Attempts by BJ: 0      Competition: 0      Wiper Balls Used: ☒ NO ☐ YES      Quantity:

Plug Catcher Used: ☒ NO ☐ YES      Parabow Used: ☒ NO ☐ YES

Was There a Bottom: ☒ NO ☐ YES      Top of Plug: 0 FT      Bottom of Plug: 0 FT

**Squeezes (Update Original Treatment Report for Primary Job)**

BLOCK SQUEEZE ☐      SHOE SQUEEZE ☐      TOP OF LINER SQUEEZE ☐      PLANNED ☐ UNPLANNED ☒

Liner Packer: ☒ NO ☐ YES      Bond Log: ☒ NO ☐ YES      PSI Applied: 0      Fluid Weight: 0 LBS/GAL

**Casing Test (Update Original Treatment Report for Primary Job)**

Casing Test Pressure: 0 PSI      With 0 LBS/GAL Mud      Time Held: 00 Hours 00 Minutes

**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)  
None

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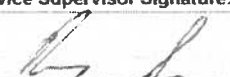
Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)

None

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

None

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None

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	4497 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
04:15	0	0	0	0	N/A	Pre-rig up safety meeting	
07:10	0	0	0	0	N/A	Pre-job safety meeting	
07:56	4497	0	0	0	WATER	Pressure test	
08:03	117	0	4.1	25	WATER	Pre-flush	
08:13	180	0	4.1	101	CEMENT	Batch-up, weigh, & pump 411 sx of Type III + 0.08 lbs/sk Static Free + 1.5% CaCl + 0.15 lbs/sk Cello Flake @ 14.5 ppg	
08:50	0	0	0	0	N/A	Wash-up pumps & lines	
09:00	171	0	2.6	7	WATER	Displace	
09:09	0	0	0	0	N/A	Shut-down, wait for cement to fall to determine if a top-out is needed	
11:10	0	0	0	0	N/A	No need for top-out, per customer	
11:11	0	0	0	0	N/A	Pre-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:
Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 0		Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	10	133	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	





**BJ Services JobMaster Program Version 3.50**

**Job Number: 1001819534**

**Customer: Marathon**

**Well Name: French Lake 4-63-36 #1M**

