

# CEMENT JOB REPORT



<b>CUSTOMER</b> Marathon Oil Gabon, Limited		<b>DATE</b> 28-JUN-11	<b>F.R. #</b> 1001833620	<b>SERV. SUPV.</b> COLE W MARRIOTT	
<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> Long String	

SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES						
Cement Plug, Rubber, Top 5-1/2 in		Float Collar, Al Flap, 5-1/2 - 8rd		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 5-1/2 - 8rd								
<b>MATERIALS FURNISHED BY BJ</b>										
50:50:3 + 0.4% FL-52+0.1% SMS+20% S-8 + 0.2% R-3				138	13.5	1.74	8.04	03:30	42.77	26.42
Fresh Water				0	8.34	0	0	00:00	159.9	
Sealbond				0	8.5	0	0	00:00	40	
Water + Claycare				0	8.34	0	0	00:00	20	
Premium Lite				622	12.5	1.93	10.17	04:30	213.8	150.96
Available Mix Water 700 Bbl.		Available Displ. Fluid 500 Bbl.		<b>TOTAL</b>				476.47	177.38	

HOLE			TBG-CSG-D.P.				COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE
7.875	0	7293	5.5	20	CSG	7253	P-110	7253	7205	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.
8.625	36	CSG	675	No Liner	0	0	0	5.5	8RD	WATER BASED MU	9

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
159.9	BBLs	Fresh Water	8.34	1650	0	0	0	0	7352	3000
										Rig tank

**Circulation Prior to Job**

Circulated Well: Rig ☒ BJ ☐      Circulation Time: 1      Circulation Rate: 7.7 BPM

Mud Density In: 9 LBS/GAL      Mud Density Out: 9 LBS/GAL      PV & YP Mud In: 32      PV & YP Mud Out: 32

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: 1.5 BBLs

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

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: 24      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

# CEMENT JOB REPORT



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

None

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 4294 PSI									
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>									
21:02	0	0	0	0	N/A	PRE-RIG UP SAFETY MEETING									
21:50	0	0	0	0	N/A	SAFETY MEETING									
00:08	4294	0	0	0	WATER	PRESSURE TEST									
12:11	146	0	3.8	20	WATER	FRESH WATER + CLAYCARE									
12:21	324	0	4.8	40	WATER	SEALBOND SPACER									
12:34	374	0	4.9	211	CMT	BATCH UP, WEIGH AND PUMP 622 SX OF PLC + 0.25 LBS/SACK CELLO FLAKE + 5 LBS/SACK KOL SEAL + 0.4% FL-52 + 3% BENTONITE @ 12.5 PPG									
01:21	123	0	4.8	42	CMT	BATCH UP, WEIGH AND PUMP 138 SX OF POZ/G + 0.25 LBS/SACK CELLO FLAKE = 5 LBS/SACK KOL SEAL + 0.4% FL-52 + 3% BENTONITE + 0.1% SMS + 20% S-8 @ 13.5 PPG									
01:37	0	0	0	0	N/A	DROP PLUG									
01:41	173	0	7.2	43	WATER	START DISPLACEMENT									
01:49	324	0	4.8	107	WATER	CAUGHT CEMENT									
02:11	1781	0	2.4	7	WATER	DROP RATE									
02:13	1807	0	2.4	157	WATER	BUMP PLUG									
02:13	2410	0	0	0	N/A	PLUG DOWN @ BBLs									
02:15	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:	
<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	1807	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	15	470	0	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N						

*[Signature]*



BJ Services JobMaster Program Version 3.50

Job Number: 1001833620

Customer: Marathon

Well Name: French Lake 4-63-36

## C956

