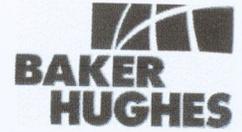


# CEMENT JOB REPORT



CUSTOMER MARATHON OIL - XML		DATE 21-MAR-12	F.R. # 1001896447	SERV. SUPV. NATHANIEL J WINDHOLZ										
LEASE & WELL NAME FRENCH LAKE 3-63-16 #1H - API 05123335390000		LOCATION 16-3N-63W		COUNTY-PARISH-BLOCK Weld Colorado										
DISTRICT Brighton		DRILLING CONTRACTOR RIG # H&P 449		TYPE OF JOB Intermediate										
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS MD TVD HANGER TYPES MD TVD										
Cement Plug, Rubber, Top 7 in		Float Collar, Auto Fill, 7 - 8rd												
		Float Shoe 7 - 8rd												
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES										
				SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT <sup>3</sup>	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER				
PLC+5#/skKS+.4%FL52+3%Gel				544	12.5	1.93	10.17	00:02	186.51	131.69				
50:50:3 + 0.4% FL-52+0.1% SMS+20%S-8				174	13.5	1.74	8.04	04:59	54.02	33.30				
DRILLING MUD				0	10.3	0	0	00:00	217.7					
Sealbond Preflush				0	8.5	0	0	00:00	40					
ClayCare Water + Alpha 125				0	8.34	0	0	00:00	20					
FRESH WATER				0	8.34	0	0	00:00	40					
Available Mix Water 300 Bbl.		Available Displ. Fluid 400 Bbl.		TOTAL		558.23		164.99						
HOLE			TBG-CSG-D.P.					COLLAR DEPTHS						
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
8.75	0	7230	6.094	7	32	CSG	7227	6637	L-80	7227	7135	0		
LAST CASING			PKR-CMT RET-BR PL-LINER			PERF. DEPTH			TOP CONN		WELL FLUID			
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE	DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.	
8.8	9.63	40	CSG	850	850	NO LINER	0	0	0	7	8RD	WATER BASED	10.3	
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		
257.7	BBLs	DRILLING MUD		10.3	1000	0		0	0		7200	2500	FRAC TANK	
		FRESH WATER		8.34										
<b>Circulation Prior to Job</b>														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 2				Circulation Rate: 5 BPM						
Mud Density In: 10.3 LBS/GAL				Mud Density Out: 10.3 LBS/GAL				PV & YP Mud In: 25		PV & YP Mud Out: 25				
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: 1.4 BBLs										
Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL				Method Used to Verify Returns: EYE										
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: 43		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: RIG HAD ISSUES WITH CSG ARM THAT SENDS PIPE TO RIG FLOOR,														

# 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) NONE		
Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC) TATTLE WIRE GOT STUCK IN HEAD AND BROKE NOT WORKING AS AN INDACATER. PUMPED 2BBLs SHUT DOWN PULLED CAP OFF HEAD TO GET A VISUAL AND MAKE SURE PLUG AWAY. PLUG DID LEAVE THE HEAD.		
Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC) NONE		

**WELL.**

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	4643 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
11:26	0	0	0	0	N/A	ARRIVE ON LOCATION	
12:00	0	0	0	0	N/A	PRE-RIG UP MEETING	
21:50	0	0	0	0	N/A	SAFETY MEETING	
22:20	1363	0	0	0	H2O	PRE-TEST	
22:22	4643	0	0	0	H2O	TEST	
22:25	586	0	4.8	20	H2O	PRE-FLUSH	
22:31	650	0	4.8	40	H2O	SEALBOND SPACER	
22:48	714	0	5	187	CMT	BATCH UP AND PUMP 544SKS PLC + 5IBLS/SACK KOL SEAL + 0.4% FL-52 + 3% BENTONITE + 0.25IBS/SACK CELLOFLAKE @ 12.5 PPG	
23:31	123	0	5	53	CMT	BATCH UP AND PUMP 174 SKS 50/50 (POZ/G) 0.25IBBS/SACK CELLO-FLAKE+5IBS/SACK KOL SEAL+3% BENTONITE+0.1% SM+ 20% SILICA FLOUR @ 13.5 PPG	
23:42	0	0	0	0	N/A	DROP PLUG	
23:48	120	0	5	20	H2O	DISPLACE WATER	
00:13	1300	0	5	200	MUD	DISPLACE MUD	
00:40	1400	0	3.6	20	MUD	RATE CHANGE MUD	
00:51	1450	0	3.6	8	H2O	RATE CAHNGE WATER	
00:53	1799	0	2.4	16	H2O	RATE CHANGE WATER	
01:05	0	0	0	0	H2O	PLUG DOWN @ 256	
01:07	0	0	0	0	N/A	PRE-RIG DOWN 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	150	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	50	555	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	



BJ Services JobMaster Program Version 3.50  
Job Number: 1001896447  
Customer: MARATHON  
Well Name: FRENCH LAKE 3-63-16 1H

