

CEMENT JOB REPORT



CUSTOMER MARATHON OIL - XML		DATE 21-JUN-12		F.R. # 1001917163		SERV. SUPV. CHRISTOPHER M MCKEON							
LEASE & WELL NAME BLACK HOLLOW 8-67-16 #3H - API 0512335397000		LOCATION 16-8N-67W		COUNTY-PARISH-BLOCK Weld Colorado									
DISTRICT Brighton		DRILLING CONTRACTOR RIG # H&P 321		TYPE OF JOB Intermediate									
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD						
Cement Plug, Rubber, Top 7 in		Centralizer, with Pins, 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 FT³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER			
PL+.25#/skCF+5#/skKS+.4%FL52+3%Ben				614	12.5	1.93	10.17	00:02	210.51	148.64			
50:50:3 + 0.4% FL-52+0.1% SMS+20%S-8				167	13.5	1.74	8.04	04:59	51.84	31.96			
Fresh Water				0	8.34	0	0	00:00	285.72				
Sealbond Preflush				0	8.5	0	0	00:00	40				
ClayCare Water				0	8.34	0	0	00:00	20				
Available Mix Water 400 Bbl.		Available Displ. Fluid 400 Bbl.		TOTAL				608.07	180.60				
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS							
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE	
8.75	25	7865	6.094	7	32	CSG	7845	7351	L-80	7845	7751		
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	898	898	No packer		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			
280	BBLs	Fresh Water	8.34	1006	0	0	0	0	7248	3000	Frac Tank		
Circulation Prior to Job													
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 1			Circulation Rate: 6 BPM				
Mud Density In: 10.3 LBS/GAL Mud Density Out: 10.3 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"/>							
Displacement And Mud Removal													
Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>						Amount Bled Back After Job: 2 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: 62			Type: <input 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													
Plugs													
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				
Squeezes (Update Original Treatment Report for Primary Job)													
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				
Casing Test (Update Original Treatment Report for Primary Job)													
Casing Test Pressure: PSI						With LBS/GAL Mud			Time Held: Hours Minutes				
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NA													

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)
 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

PRESSURE/RATE DETAIL

EXPLANATION

TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	EXPLANATION
	PIPE	ANNULUS				
						SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/> TEST LINES 4332 PSI CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
10:27	0	0	0	0	NA	Arrive location
11:00	0	0	0	0	NA	Spot trucks
11:10	0	0	0	0	NA	Rig up safety meeting
13:45	0	0	0	0	NA	Pre job safety meeting
14:10	892	0	0	0	H2O	Low pressure test
14:11	4332	0	0	0	H2O	High pressure test
14:14	408	0	4.8	20	H2O	ClayCare
14:20	538	0	4.8	40	H2O	Seal Bond
14:32	382	0	4.9	210	CMT	Batch up, weigh and pump 614 sx. PLC + 0.25 lbs/sack Cello Flake + 5 lbs/sack Kol-Seal + 0.4% FL-52 + 3% Bentonite @ 12.5 ppg.
15:17	255	0	4.9	53	CMT	Batch up, weigh and pump 167 sx. 50/50 Poz (Fly Ash) Class G Cement + 0.25 lbs/sack Cello Flake + 5 lbs/sack Kol-Seal + 0.4% FL-52 + 3% Bentonite + 0.1% SM + 20% S-8 @ 13.5 ppg.
15:33	0	0	0	0	NA	Drop plug
15:37	108	0	4.9	20	H2O	Start displacement
15:42	1147	0	7.3	145	MUD	Rate change
16:03	1351	0	6.1	75	MUD	Rate change
16:17	1427	0	4.9	35	H2O	Rate change
16:25	1325	0	3.6	280	H2O	Bump plug
16:28	2319	0	0	0	NA	Plug down
16:30	0	0	0	0	NA	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	1325	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	15	603	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<i>Cat m f</i>

X. J. [Signature]



BJ Services JobMaster Program Version 3.50

Job Number: 1001917163

Customer: Marathon

Well Name: Black Hollow 8-67-16-3H

C973

