CEMENT JOB REPORT

LB J

CUSTOMER	MARATHON OIL - XML	DATE	30-AUG-11	F.R. #	1001847946	SERV. SUPV.	CHRISTOPHER M MCKEON

LEASE & WELL NAME		LOCATION		COUNTY-PARISH-BLOCK	
RAWHIDE FLATS 10-68-16 #1M - API 050690643500		16-10N-68W		Larimer Colorado	
DISTRICT Brighton		**DRILLING CONTRACTOR RIG #**		**TYPE OF JOB** Surface	

Size & Type of Plugs / List-CSG-Hardware / Physical Slurry Properties

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT^3	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
	Cement Basket, Slip On, 8-5/8 in							
	Centralizer, with Pins, 8-5/8 in							
MATERIALS FURNISHED BY BJ								
Fresh water		0	8.34	0	0	00:00	20	
Type III + additives		200	14.5	1.40	6.82	01:30	49.8	32.54
Fresh water		0	8.34	0	0	00:00	17.5	
Premium Lite		200	12.5	1.97	10.76	00:00	70.1	51.16

Available Mix Water	400	Bbl.	Available Displ. Fluid	400	Bbl.	TOTAL	157.4	83.70

HOLE / TBG-CSG-D.P. / COLLAR DEPTHS

HOLE			TBG-CSG-D.P.					COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE
12.25	23	1241	8.625	32	CSG	1240	J-55	1240	1192	0
			4.5	16.6	DP	1196	P-110			

LAST CASING / PKR-CMT RET-BR PL-LINER / PERF. DEPTH / TOP CONN / WELL FLUID

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	CSG	60	Cement Retainer	1192	0	0	4.5	8RD	WATER BASED MU	8.5

DISPL. VOLUME / DISPL. FLUID / etc.

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	
17.5	BBLS	Fresh water	8.34	301	0	0	5768	1000	3144	1000	Rig Tank

Circulation Prior to Job

Circulated Well:	Rig [X]	BJ [ ]		Circulation Time: 3	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 [X] YES [ ]   Units: Solids Present at End of Circulation: NO [X] YES [ ]

Displacement And Mud Removal

Displaced By: Rig [ ] BJ [X]   Amount Bled Back After Job: .5 BBLS

Returns During Job: [ ] NONE [ ] PARTIAL [X] FULL   Method Used to Verify Returns: Visual

Cement Returns at Surface: [X] YES [ ] NO   Were Returns Planned at Surface: [ ] NO [X] YES

Pipe Movement: [ ] ROTATION [ ] RECIPROCATION [ ] NONE [ ] UNABLE DUE TO STUCK PIPE

Centralizers: [ ] NO [X] YES   Quantity: 12   Type: [ ] BOW [ ] RIGID

Job Pumped Through: [ ] CHOKE MANIFOLD [ ] SQUEEZE MANIFOLD [ ] MANIFOLD [X] NO MANIFOLD

Plugs

Number of Attempts by BJ: 0   Competition: 0   Wiper Balls Used: [X] NO [ ] YES Quantity:

Plug Catcher Used: [X] NO [ ] YES   Parabow Used: [X] NO [ ] YES

Was There a Bottom: [X] 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: [X] NO [ ] YES   Bond Log: [X] 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)
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

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NA

	PRESSURE/RATE DETAIL					EXPLANATION
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW [X] CO. REP. [X]
	PIPE	ANNULUS				TEST LINES 3005 PSI
						CIRCULATING WELL - RIG [X] BJ [ ]
17:50	0	0	0	0	NA	Arrive Location
18:30	0	0	0	0	NA	Rig up safety meeting
23:15	0	0	0	0	NA	Pre job safety meeting
23:40	3005	0	0	0	H20	Pressure test
23:44	171	0	4.8	30	H20	Fresh water spacer/ Test Mix Water
23:58	161	0	4.9	69	CMT	Batch up, weigh and pump 200 sx. PLC + 6% Bentonite + 0.3% SM + 2% Calcium Chloride + 0.25 lbs/sack Cello Flake @ 12.5 ppg
00:12	160	0	4.3	50	CMT	Batch up, weigh and pump 200 sx. Type III Cement + 0.5% Calcium Chloride @ 14.5 ppg.
00:23	369	0	4.2	17.5	H20	Fresh water displacement
00:28	243	0	0	0	NA	Shut down/ Sting out/ Verify float
00:30	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:
Y [N] 0		Y N 0	21	166.5	0	Y [N]	