

# CEMENT JOB REPORT



<b>CUSTOMER</b> MARATHON OIL (HOUSTON)		<b>DATE</b> 27-MAY-10		<b>F.R. #</b> 1001623398		<b>SERV. SUPV.</b> TIMOTHY L HAER	
<b>LEASE &amp; WELL NAME</b> 697-26A #21 - API 05045192030000		<b>LOCATION</b> 26-6S-97W		<b>COUNTY-PARISH-BLOCK</b> Garfield Colorado			
<b>DISTRICT</b> Grand Junction		<b>DRILLING CONTRACTOR RIG #</b> H&P 324		<b>TYPE OF JOB</b> Long String			

SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES							
BJ Cement Plug, Rubber, Top 4-1/2	Float Collar, Auto Fill, 4-1/2 - 8rd			<b>SACKS OF CEMENT</b>	<b>SLURRY WGT PPG</b>	<b>SLURRY YLD FT<sup>3</sup></b>	<b>WATER GPS</b>	<b>PUMP TIME HR:MIN</b>	<b>Bbl SLURRY</b>	<b>Bbl MIX WATER</b>	
	Guide Shoe, Cement Nose, 4-1/2 i										
<b>MATERIALS FURNISHED BY BJ</b>											
Mud Clean I					8.34				30		
Premium Lite HS				904	12.5	2.51	13.15	00:45	403.74	283.07	
Claytreat Water					8.34				137.29		
Surfactant Wash					8.34				20		
Surfactant Wash					8.34				20		
<b>Available Mix Water</b> 2000 Bbl.				<b>Available Displ. Fluid</b> 1506 Bbl.				<b>TOTAL</b>		611.03	283.07

HOLE			TBG-CSG-D.P.				COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE
8.375	90	9181	4.5	11.6	CSG	9160	P-110	9160	9092.53	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.
9.625	36		2250	no packer	0	0	0	4.5	8RND	WATER BASED MU	8.7

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					
141	BBLS	Claytreat Water	8.34	1300	0	0	0	0	0	0	10690	8552			frac tank

**Circulation Prior to Job**

Circulated Well: Rig ☒ BJ ☐      Circulation Time: 1      Circulation Rate: 6 BPM

Mud Density In: 8.7 LBS/GAL      Mud Density Out: 8.7 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: 1.5 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 ☐ RECIPROICATION ☐ NONE ☐ UNABLE DUE TO STUCK PIPE

Centralizers: ☐ NO ☒ YES      Quantity: 25      Type: ☐ BOW ☐ RIGID

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

**Plugs**

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

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

Was There a Bottom: ☒ NO ☐ YES      Top of Plug: FT      Bottom of Plug: 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:      Fluid Weight: LBS/GAL

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

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

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

Depth Drilled out of Shoe: FT      Target EMW: LBS/GAL      Actual EMW: LBS/GAL

Number of Times Tests Conducted:      Mud Weight When Test was Conducted: LBS/GAL

# CEMENT JOB REPORT



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

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

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

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

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	4500 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
07:30						preconvoy meeting	
08:00						left yard	
10:00						arrive on location	
10:15						prerig up meeting rig iron	
12:00						wait on csg crew off duty	
15:30						prejob meeting	
16:00						Wait on rig to circulate well	
17:00						stab head	
17:11						psi test to 6100	
17:15	602	0	5.2	20	H2O	surfactant wash	
17:19	205	0	5.2	30	H2O	mud clean	
17:26	228	0	5.2	20	H2O	surfactant wash	
17:30						batch cement	
17:36	522	0	5.2	10	CMT	cement slurry	
17:40	519	0	5.2	40	CMT	cement slurry	
17:51	520	0	5.2	50	CMT	cement slurry	
18:10	524	0	5.2	100	CMT	cement slurry	
18:31	596	0	5.2	100	CMT	cement slurry	
18:52	163	0	3.6	104	CMT	cement slurry	
18:53						wash up pump	
18:58						drop plug	
18:58						start displacement	
19:01	172	0	5.7	10	H2O	displacement	
19:08	160	0	5.7	40	H2O	displacement	
19:17	583	0	5.7	50	H2O	displacement	
19:22	904	0	5.6	30	H2O	displacement	
19:26	771	0	2.5	11	H2O	displacement	
19:27						bump plug from 771 psi to 1435 psi.	
19:31						check floats .5 bbls back..	
19:31						end job Thanks Tim and BJ Crew....	

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	1435	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	635	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	