

# CEMENT JOB REPORT



<b>CUSTOMER</b> Kerr-McGee Corporation (Offsh)		<b>DATE</b> 22-DEC-10		<b>F.R. #</b> 1001737392		<b>SERV. SUPV.</b> RYAN SULLIVAN	
<b>LEASE &amp; WELL NAME</b> BROWN #6-2 - API 05123316800000		<b>LOCATION</b> 2-1N-66W		<b>COUNTY-PARISH-BLOCK</b> Weld Colorado			
<b>DISTRICT</b> Brighton		<b>DRILLING CONTRACTOR RIG #</b> Xtreme 11		<b>TYPE OF JOB</b> Plug Back			

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	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
MATERIALS FURNISHED BY BJ								
Fresh Water	No Shoe	0	8.34	0	0	00:00	20	
50:50 Poz:G + Adds	NA-P&A	430	14.6	1.38	5.90	02:34	105.64	60.37
Fresh Water		0	8.34	0	0	00:00	65	
Drilling Mud		0	9.6	0	0	00:00	0	
Fresh Water		0	8.34	0	0	00:00	20	
Class "G" + Adds		422	17	0.99	3.76	02:16	74.49	37.75
Fresh Water		0	8.34	0	0	00:00	40	
Drilling Mud		0	9.3	0	0	00:00	0	
Available Mix Water <u>300</u> Bbl. Available Displ. Fluid <u>300</u> Bbl.							<b>TOTAL</b>	325.13 98.12

HOLE			TBG-CSG-D.P.				COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE
8	0	8319	4	14	DP	8319		0	0	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.
				No packer	0	0	0	4.5	X HOLE	WATER BASED MU	8.4

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	
40	BBLS	Drilling Mud	9.6	0	0	0	6352	2000	0	0	Rig
		Drilling Mud	9.3								

**Circulation Prior to Job**

Circulated Well: Rig ☒ BJ ☐      Circulation Time: 1.5      Circulation Rate: 11 BPM

Mud Density In: 8.4 LBS/GAL      Mud Density Out: 8.4 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: 0 BBLS

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

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:      Type: ☐ BOW ☐ RIGID

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

**Plugs**

Number of Attempts by BJ: 1      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: 4200 FT      Bottom of Plug: 5200 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

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None



# 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)  
 None

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)  
 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 3480 PSI			
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			
11:00	0	0	0	0	N/A	Pre-rig up safety meeting			
12:00	0	0	0	0	N/A	Pre-job safety meeting			
12:28	2010	0	0	0	WATER	Low pressure test			
12:29	3480	0	0	0	WATER	High pressure test			
12:31	408	0	4.8	20	WATER	Pre-flush			
12:46	262	0	4.9	104	CEMENT	Plug #1: Batch-up & pump 430 sx of (50:50) Poz:G + 0.3% CD-32 + 0.4% FL-52 + 0.1% SM + 20% S-8 @ 14.6 ppg			
13:11	169	0	7.1	61.9	WATER	Displace			
13:15	0	0	0	0	N/A	Shut-down, turn over to rig to pull drill pipe			
15:44	1505	0	0	0	WATER	Low pressure test			
15:46	3019	0	0	0	WATER	High pressure test			
15:48	475	0	7.2	20	WATER	Pre-flush			
15:55	160	0	3.6	73	CEMENT	Plug #2: Batch-up & pump 422 sx of Class G + 0.75% CD-32 @ 17 ppg			
16:13	189	0	7.2	39.9	WATER	Displace			
BUMPED PLUG Y <input checked="" type="checkbox"/> N	PSI TO BUMP PLUG 0	TEST FLOAT EQUIP. Y <input checked="" type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 0	TOTAL BBL. PUMPED 318.8	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT Y <input checked="" type="checkbox"/> N	Service Supervisor Signature:		

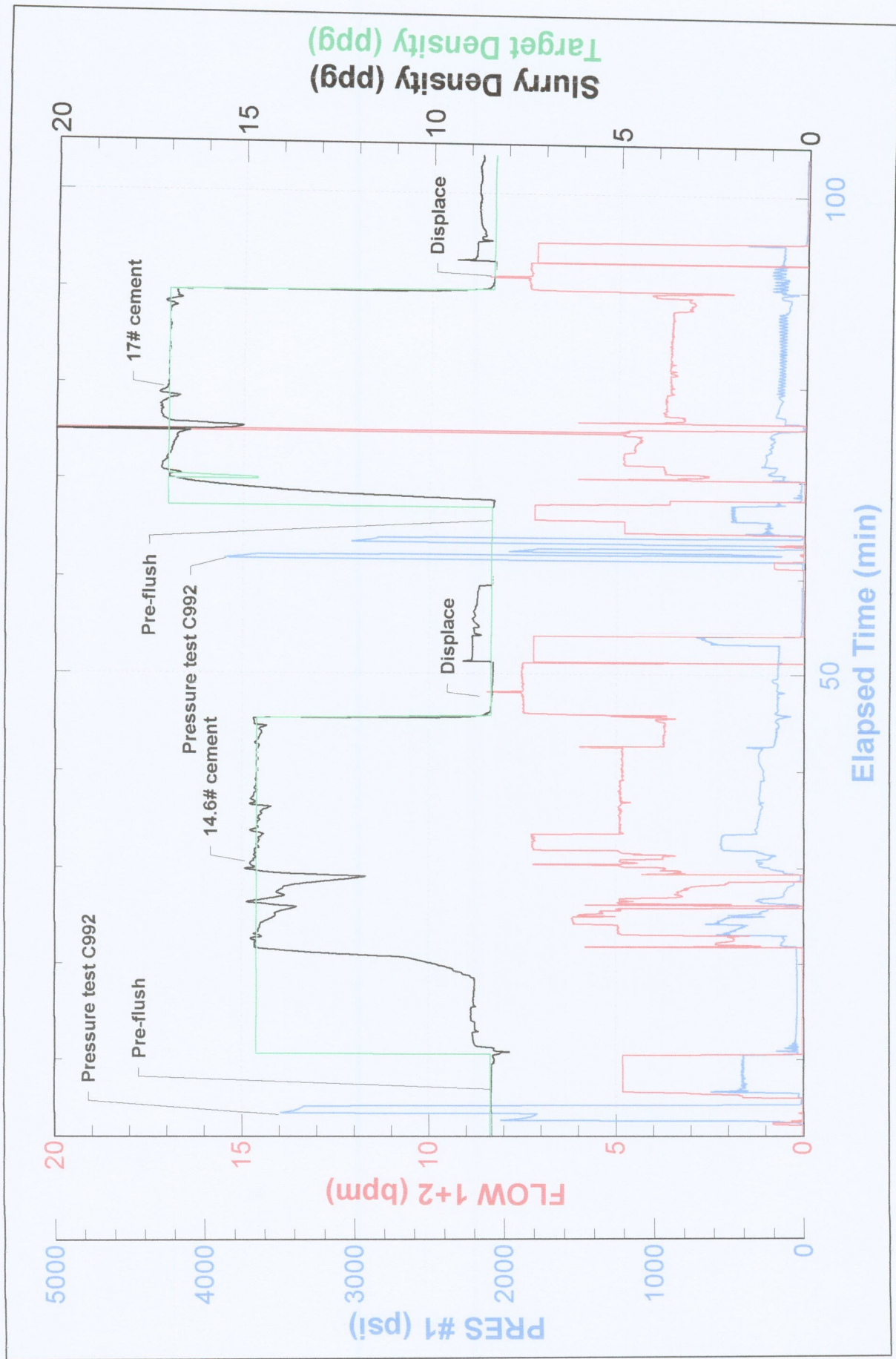


**BJ Services JobMaster Program Version 3.50**

Job Number: 1001737392

Customer: Kerr-McGee

Well Name: Brown #6-2





FIELD RECEIPT NO. 1001737392

**BJ Services Company**



<b>CUSTOMER</b> Kerr-McGee Corporation (Offsho)				<b>CREDIT APPROVAL NO.</b> A10011307471		<b>PURCHASE ORDER NO.</b>		<b>CUSTOMER NUMBER</b> 20047992 - 00258002		<b>INVOICE NUMBER</b>	
<b>MAIL INVOICE TO:</b> STREET OR BOX NUMBER P.O.Box 4995				<b>CITY</b> The Woodlands		<b>STATE</b> Texas		<b>ZIP CODE</b> 77387-4995			
<b>DATE WORK COMPLETED</b> MO. DAY YEAR 12 22 2010		<b>RYAN SULLIVAN</b>		<b>WELL API NO:</b> 05123316800000		<b>WELL TYPE:</b> New Well					
<b>BJ SERVICES DISTRICT</b> Brighton				<b>JOB DEPTH (ft)</b> 8,319		<b>WELL CLASS:</b> Oil					
<b>WELL NAME AND NUMBER</b> BROWN #6-2				<b>TD WELL DEPTH (ft)</b> 8,319		<b>GAS USED ON JOB:</b> No Gas					
<b>WELL LOCATION:</b> LEGAL DESCRIPTION 2-1N-66W		<b>COUNTY/PARISH</b> Weld		<b>STATE</b> Colorado		<b>JOB TYPE CODE:</b> Plug Back					
<b>PRODUCT CODE</b>	<b>DESCRIPTION</b>			<b>UNIT OF MEASURE</b>	<b>QUANTITY</b>	<b>LIST PRICE UNIT</b>	<b>GROSS AMOUNT</b>	<b>% DISC.</b>	<b>NET AMOUNT</b>		
F069A	Cement Pumping, 8001 - 9000 ft			6hrs	1	9,750.00	9,750.00	45%	5,362.50		
F088	Cement Pump Tubing, Additional hrs			hrs	5	775.00	3,875.00	45%	2,131.25		
J390	Mileage, Heavy Vehicle			miles	34	7.40	251.60	45%	138.38		
J391N	Mileage, Auto, Pick-Up or Treating Van			miles	34	4.20	142.80	45%	78.54		
	SUB-TOTAL FOR Equipment						14,019.40	45%	7,710.67		
J401	Bulk Delivery, Dry Products			ton-mi	711	2.470	1,756.17	45%	965.89		
	SUB-TOTAL FOR Freight/Delivery Charges						1,756.17	45.00%	965.89		
	FIELD ESTIMATE						48,476.63	44.86%	26,727.62		
<p>WBS#000000 2617871</p> <p>GA Add 80012090 JRLS</p> <p>User ID 24018</p>											
<b>ARRIVE LOCATION:</b> MO. DAY YEAR 12 22 2010				<b>TIME</b> 05:20				<p>SERVICE ORDER: I AUTHORIZE WORK TO BEGIN PER SERVICE INSTRUCTIONS IN ACCORDANCE WITH THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS FORM AND REPRESENT THAT I HAVE AUTHORITY TO ACCEPT AND SIGN THIS ORDER.</p>			
<b>CUSTOMER REP.</b> Ben Benjamin				<p><i>[Signature]</i></p> <p>CUSTOMER AUTHORIZED AGENT</p>				<p>SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.</p> <p><input checked="" type="checkbox"/> CUSTOMER AUTHORIZED AGENT</p> <p><input checked="" type="checkbox"/> BJ SERVICES APPROVED</p>			
<b>SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS</b>											





# BJ Services Company

FIELD RECEIPT NO. 1001737392

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<b>MAIL INVOICE TO:</b>				<b>CITY</b> The Woodlands		<b>STATE</b> Texas		<b>ZIP CODE</b> 77387-4995			
<b>DATE WORK COMPLETED</b> MO. 12 DAY 22 YEAR 2010		<b>BJ SERVICES REPRESENTATIVE</b> RYAN SULLIVAN		<b>WELL API NO:</b> 05123316800000		<b>WELL TYPE:</b> New Well					
<b>BJ SERVICES DISTRICT</b> Brighton				<b>JOB DEPTH (ft)</b> 8,319		<b>WELL CLASS:</b> Oil					
<b>WELL NAME AND NUMBER</b> BROWN #6-2				<b>TD WELL DEPTH (ft)</b> 8,319		<b>GAS USED ON JOB:</b> No Gas					
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<b>PRODUCT CODE</b>		<b>DESCRIPTION</b>		<b>UNIT OF MEASURE</b>	<b>QUANTITY</b>	<b>LIST PRICE UNIT</b>	<b>GROSS AMOUNT</b>	<b>% DISC.</b>	<b>NET AMOUNT</b>		
100021	Class G Cement			sacks	637	24.450	15,574.65	45%	8,566.06		
100121	Silica Flour			lbs	7224	0.450	3,250.80	45%	1,787.94		
100275	Sodium Metasilicate			lbs	37	3.320	122.84	45%	67.56		
100317	Poz (Fly Ash)			sacks	215	10.850	2,332.75	45%	1,283.01		
488013	CD-32			lbs	407	10.750	4,375.25	45%	2,406.39		
488015	FL-52			lbs	145	21.800	3,161.00	45%	1,738.55		
488019	FP-6L			gals	5	84.750	423.75	45%	233.06		
SUB-TOTAL FOR Product Material							29,241.04	45.00%	16,082.57		
A152	Personnel Surcharge - Cement Svc			ea	1	145.500	145.50	0%	145.50		
M100	Bulk Materials Service Charge			cu ft	972	3.410	3,314.52	45%	1,822.99		
SUB-TOTAL FOR Service Charges							3,460.02	43.11%	1,968.49		
<b>ARRIVE LOCATION:</b> MO. 12 DAY 22 YEAR 2010 TIME 05:20		<b>SERVICE ORDER: I AUTHORIZE WORK TO BEGIN PER SERVICE INSTRUCTIONS IN ACCORDANCE WITH THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS FORM AND REPRESENT THAT I HAVE AUTHORITY TO ACCEPT AND SIGN THIS ORDER.</b>									
<b>CUSTOMER REP.</b> Ben Benjamin		<b>CUSTOMER AUTHORIZED AGENT</b> X									
<b>SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS</b>		<b>BJ SERVICES APPROVED</b> X									