

# CEMENT JOB REPORT



<b>CUSTOMER</b> EOG Resources Inc.		<b>DATE</b> 03-JUL-10		<b>F.R. #</b> 1001645362		<b>SERV. SUPV.</b> KURT R KUDRNA	
<b>LEASE &amp; WELL NAME</b> CRITTER CREEK #1-02H - API 05123312110000		<b>LOCATION</b> 2-11N-63W		<b>COUNTY-PARISH-BLOCK</b> Weld Colorado			
<b>DISTRICT</b> Brighton		<b>DRILLING CONTRACTOR RIG #</b> True #30		<b>TYPE OF JOB</b> Intermediate			

SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES						
Cement Plug, Rubber, Top 7 in	Float Collar, Auto Fill, 7 - 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>
MATERIALS FURNISHED BY BJ										
Premium Lite Cement + additives		690	12.5	1.89	10.37	02:41	232	170.23		
50:50:3 + 0.4% FL-52+0.1% SMS+20%S-8		145	13.5	1.71	8.30	04:59	44	28.51		
10 Bbls Fresh Water then pit mud		0	8.34	0	0	00:00	310			
Mud Clean I + Alpha-125		0	8.34	0	0	00:00	20			
Claytreat Water + Alpha-125		0	8.34	0	0	00:00	20			
Claytreat Water + Alpha-125		0	8.34	0	0	00:00	20			
Available Mix Water 800 Bbl. Available Displ. Fluid 300 Bbl.								<b>TOTAL</b>	646	198.74

HOLE			TBG-CSG-D.P.			COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE
8.75	0	7812	7	23	CSG	7811	N-80	7811
						FLOAT		
						STAGE		
						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	CSG	1400	NO PACKER	0	0	0	7	8RD	WATER BASED MU	9.3

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	
310	BBLs	10 Bbls Fresh Water	8.34	1800	0	0	0	0	5072	3000	RIG TANK

**Circulation Prior to Job**

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

Mud Density In: 9.3 LBS/GAL      Mud Density Out: 9.3 LBS/GAL      PV & YP Mud In: 55      PV & YP Mud Out: 55

Gas Present: NO ☐ YES ☒      Units: 0      Solids Present at End of Circulation: NO ☒ YES ☐

**Displacement And Mud Removal**

Displaced By: Rig ☐ BJ ☒      Amount Bled Back After Job: 2 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: 0      Type: ☐ BOW ☐ RIGID

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

**Plugs**

Number of Attempts by BJ: 0      Competition: 0      Wiper Balls Used: ☒ NO ☐ YES      Quantity:

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

Was There a Bottom: ☒ 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: ☒ 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

PRESSURE/RATE DETAIL	EXPLANATION
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# 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

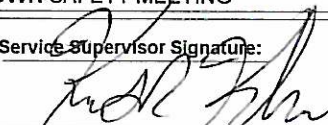
Problems Before Job (I.E. Running Casing, Circulating Well, ETC)  
 N/A


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

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

### 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	4000 PSI		
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/>	BJ	<input type="checkbox"/>
06:45	0	0	0	0	N/A	PRE RIG UP SAFETY MEETING			
07:00	0	0	0	0	N/A	JOB SAFETY MEETING			
08:42	4458	0	.3	.3	H2O	PRESSURE TEST C103			
08:48	970	0	7.2	20	H2O	PREFLUSHW/ CLAYTREAT WATER + ALPHA 125			
08:51	711	0	7.2	20	H2O	PREFLUSHW/MUD 1+ ALPHA 125			
08:54	7.34	0	7.2	20	H2O	PREFLUSHW/ CLAYTREAT WATER + ALPHA 125			
09:00	957	0	7.4	231	CEMENT	690 SACKS OF PLC+.25LBS/SACK CELLOFLAKE+.4%FL-52+3% BENTONITE+99.4% FRESH WATER @ 12.5 PPG			
09:35	242	0	6.2	44	CEMENT	145 SACKS OF POZ G+.4%FL-52+3% BENTONITE+20% SILICA FLOUR+82.4% FRESH WATER @ 13.5 PPG			
09:45	0	0	0	0	N/A	DROP PLUG			
09:55	1411	0	7.2	255	H2O	DISPLACEMENTW/ 10 BBLS FRESH WATER AND THEN RESERVE PIT WATER			
10:38	1468	0	4.8	20	H2O	DROP RATE DUE TO PRESSURE			
10:41	1510	0	3.6	20	H2O	DROP RATE DUE TO PRESSURE			
10:48	1721	0	2.4	15	H2O	DROP RATE DUE TO PRESSURE			
11:01	2495	0	0	0	H2O	BUMP PLUG @ 3495 BBLS			
11:05	0	0	0	0	N/A	PLUG DOWN 309.0			
11:07	1500	0	0	0	H2O	HOLD 1500 PSI FOR 30 MINUTES			
11:40	0	0	0	0	N/A	POST RIG DOWN SAFETY MEETING			
BUMPED PLUG <input type="checkbox"/> Y <input type="checkbox"/> N	PSI TO BUMP PLUG 2495	TEST FLOAT EQUIP. <input type="checkbox"/> Y <input type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 48	TOTAL BBL. PUMPED 645	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	Service Supervisor Signature: 		





BJ Services JobMaster Program Version 3.20

Job Number: 1001645362

Customer: EOG

Well Name: CRITTER CREEK 1-02H

