

# CEMENT JOB REPORT



<b>CUSTOMER</b> EOG Resources Inc.		<b>DATE</b> 20-JUL-10		<b>F.R. #</b> 1001653165		<b>SERV. SUPV.</b> PHILLIP S MULLINS	
<b>LEASE &amp; WELL NAME</b> CRITTER CREEK #16-20H - API 05123314310000		<b>LOCATION</b> 20-11N-63W		<b>COUNTY-PARISH-BLOCK</b> Weld Colorado			
<b>DISTRICT</b> Brighton		<b>DRILLING CONTRACTOR RIG #</b> DHS 8		<b>TYPE OF JOB</b> Intermediate			
<b>SIZE &amp; TYPE OF PLUGS</b>		<b>LIST-CSG-HARDWARE</b>		<b>PHYSICAL SLURRY PROPERTIES</b>			
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>
		Float Shoe 7 - 8rd					
<b>MATERIALS FURNISHED BY BJ</b>							
Premium Lite Cement + additives				695	12.5	1.92	10.54
50:50:3 + 0.4% FL-63+0.1% SMS+20%S-8				145	13.5	1.74	8.42
Fresh Water				0	8.34	0	00:00
Mud Clean I + Alpha-125				0	8.34	0	00:00
Claytreat Water + Alpha-125				0	8.34	0	00:00
Claytreat Water + Alpha-125				0	8.34	0	00:00
Available Mix Water 600 Bbl. Available Displ. Fluid 296 Bbl.				<b>TOTAL</b>		627.5	191.46
<b>HOLE</b>		<b>TBG-CSG-D.P.</b>				<b>COLLAR DEPTHS</b>	
<b>SIZE</b>	<b>% EXCESS</b>	<b>DEPTH</b>	<b>SIZE</b>	<b>WGT.</b>	<b>TYPE</b>	<b>DEPTH</b>	<b>GRADE</b>
8.75	0	7773	7	23	CSG	7765	P-110
<b>LAST CASING</b>		<b>PKR-CMT RET-BR PL-LINER</b>		<b>PERF. DEPTH</b>		<b>TOP CONN</b>	
<b>SIZE</b>	<b>WGT</b>	<b>TYPE</b>	<b>DEPTH</b>	<b>BRAND &amp; TYPE</b>	<b>DEPTH</b>	<b>TOP</b>	<b>BTM</b>
9.625	36	CSG	1440	No packer	0	0	0
<b>DISPL. VOLUME</b>		<b>DISPL. FLUID</b>		<b>CAL. PSI</b>	<b>CAL. MAX PSI</b>	<b>OP. MAX</b>	<b>MAX TBG PSI</b>
<b>VOLUME</b>	<b>UOM</b>	<b>TYPE</b>	<b>WGT.</b>	<b>BUMP PLUG</b>	<b>TO REV.</b>	<b>SQ. PSI</b>	<b>RATED</b>
304	BBLs	Fresh Water	8.34	3000	1754	0	0
				<b>Operator</b>	<b>RATED</b>	<b>Operator</b>	<b>MIX WATER</b>
					4360	3000	Rig
<b>Circulation Prior to Job</b>							
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 2.5		Circulation Rate: 10 BPM	
Mud Density In: 10 LBS/GAL Mud Density Out: 0 LBS/GAL				PV & YP Mud In: 0		PV & YP Mud Out: 0	
Gas Present: NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> Units: 0				Solids Present at End of Circulation: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>			
<b>Displacement And Mud Removal</b>							
Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>				Amount Bled Back After Job: 3 BBLs			
Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL				Method Used to Verify Returns: Visually			
Cement Returns at Surface: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO				Were Returns Planned at Surface: <input checked="" type="checkbox"/> NO <input 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 checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Quantity: 2		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							
<b>Plugs</b>							
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	
<b>Squeezes (Update Original Treatment Report for Primary Job)</b>							
BLOCK SQUEEZE <input type="checkbox"/>		SHOE SQUEEZE <input type="checkbox"/>		TOP OF LINER SQUEEZE <input type="checkbox"/>		PLANNED <input type="checkbox"/> UNPLANNED <input checked="" 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	
<b>Casing Test (Update Original Treatment Report for Primary Job)</b>							
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							
<b>PRESSURE/RATE DETAIL</b>				<b>EXPLANATION</b>			

# 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)  
 Customer requested that we pump 9.6 BPM on displacement do to shorter pump time.

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	5200 PSI	
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/>	BJ <input type="checkbox"/>
08:00	0	0	0	0	N/A	Pre rig upsafety meeting		
10:00	0	0	0	0	N/A	Pre job safety meeting		
10:23	5200	0	0	0	H2O	Pressure test pumps and line		
10:25	500	0	7.2	20	CT-3C	Spacer		
10:29	530	0	7.2	20	MUD CLEA	Mud flush		
10:31	570	0	7.2	20	CT-3C	Spacer		
10:34	500	0	7.3	222	CEMENT	Batch up and pump 695 sks of PLC+ 0.25 lbs/sack Cello Flake+ 0.4% FL-63+ 5% Bentonite @ 12.5#		
11:11	200	0	6.2	44.5	CEMENT	Mix and pump 145 sks of POZ G+ 0.4% FL-63+ 5% Bentonite+ 0.1% Sodium Metasilicate+ 20% Silca Flour @13.5#		
11:19	0	0	0	0	H2O	Drop plug and washup pumps and line		
11:20	300	0	9.6	0	H2O	Displace with Fresh Water		
11:35	600	0	9.6		H2O	Cuaght cement		
11:48	2100	0	8.4		H2O	Rate change		
11:51	1916	0	2.4		H2O	Rate change		
12:07	2971	0	0	0	H2O	Plug down		
12:16	1600	0	.8	1.5	H2O	Casing test		
12:46	1685	0	0	0	N/A	Monitor pressure for 30 minutes		
12:50	0	0	0	0	N/A	Stop service		
12:55	0	0	0	0	N/A	Post job rig down safety meeting		

BUMPED PLUG <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	PSI TO BUMP PLUG 2971	TEST FLOAT EQUIP. <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 0	TOTAL BBL. PUMPED 627.5	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Service Supervisor Signature:
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*Handwritten signature*



BJ Services JobMaster Program Version 3.20  
Job Number: 1001653165  
Customer: EOG Resources  
Well Name: Critter Creek #16-20H

