

# CEMENT JOB REPORT



CUSTOMER EOG Resources Inc.			DATE 19-AUG-10		F.R. # 1001669785		SERV. SUPV. JEFFREY A ANDERSON					
LEASE & WELL NAME CRITTER CREEK #08-14H - API 05123312220000			LOCATION 14-11N-63W			COUNTY-PARISH-BLOCK Weld Colorado						
DISTRICT Brighton			DRILLING CONTRACTOR RIG # SST-56			TYPE OF JOB Intermediate						
SIZE & TYPE OF PLUGS			LIST-CSG-HARDWARE			PHYSICAL SLURRY PROPERTIES						
Cement Plug, Rubber, Top 7 in			Centralizer, with Pins, 7 in			SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT <sup>3</sup>	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
			Float Shoe 7 - 8rd									
MATERIALS FURNISHED BY BJ												
Premium Lite Cement + additives						676	12.5	1.89	10.37	00:02	209	153.35
50:50:3 + 0.4% FL-52+0.1% SMS+20%S-8						147	13.5	1.71	8.30	04:59	43	27.86
10 bbls fresh water then used water						0	8.34	0	0	00:00	294.9	
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 600 Bbl.						TOTAL			606.9 181.21			
HOLE			TBG-CSG-D.P.				COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE		
8.75	0	7536	7	23	CSG	7533	P-110	7533	7491	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	10
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		
294.9	BBLS	10 bbls fresh water th	8.34	2900	0	0	0	0	6976	3000	Rig Tank	
Circulation Prior to Job												
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 1			Circulation Rate: 6 BPM			
Mud Density In: 10 LBS/GAL Mud Density Out: 10 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"/>						
Displacement And Mud Removal												
Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>						Amount Bled Back After Job: 3.25 BBLS						
Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL						Method Used to Verify Returns: Visual						
Cement Returns at Surface: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO						Were Returns Planned at Surface: <input type="checkbox"/> NO <input checked="" 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:		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												
Plugs												
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			
Squeezes (Update Original Treatment Report for Primary Job)												
BLOCK SQUEEZE <input type="checkbox"/> SHOE SQUEEZE <input type="checkbox"/> TOP OF LINER SQUEEZE <input type="checkbox"/> PLANNED <input type="checkbox"/> UNPLANNED <input 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				
Casing Test (Update Original Treatment Report for Primary Job)												
Casing Test Pressure: 1500 PSI With 8.5 LBS/GAL Mud						Time Held: 00 Hours 30 Minutes						
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None												
PRESSURE/RATE DETAIL						EXPLANATION						



# 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"/>
14:30	0	0	0	0	N/A	Pre Rig Up Meeting
15:30	0	0	0	0	N/A	Safety Meeting
15:50	4563	0	0	0	WATER	Pressure Test
15:55	400	0	7.2	20	WATER	Claytreat Water + Alpha
16:50	380	0	7.2	20	WATER	Mud Clean I + Alpha
16:54	737	0	7.2	20	WATER	Claytreat Water + Alpha
16:58	848	0	7.2	209	CEMENT	Batch up and pump Lead Slurry 676 sks @ 12.5 PPG of PLC + 0.25% R-3 + 0.4% FL-52 + 3% Bentonite + 99.4% Fresh Water
17:33	294	0	6.2	43	CEMENT	Batch up and pump Tail Slurry 147 sks @ 13.5 PPG of POZ G + 0.4% FL-52 + 3% Bentonite + 0.1% Sodium Metasilicate + 20% Silica Flour + 82.4% Fresh Water
17:43	0	0	0	0	N/A	Drop Plug
17:47	120	0	7.4	126	WATER	Displacement
18:05	593	0	7.4	89	WATER	Caught Cement
18:18	1353	0	6.1	25	WATER	Drop Rate
18:21	1510	0	4.9	14	WATER	Drop Rate
18:24	1462	0	2.5	40.9	WATER	Drop Rate
18:43	2980	0	0	0	N/A	Plug Down Pumped 294.9 Bbls
18:54	1500	0	0	0	WATER	Casing Test
19:28	0	0	0	0	N/A	Job Done
19:30	0	0	0	0	N/A	Rig Down 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:
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	2900	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	14	606.9	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<i>Jeff Anderson</i> <i>ST</i>



