

# CEMENT JOB REPORT



<b>CUSTOMER</b> EOG Resources Inc.		<b>DATE</b> 19-FEB-11	<b>F.R. #</b> 1001764692		<b>SERV. SUPV.</b> JOHN R WUDARCZYK	
<b>LEASE &amp; WELL NAME</b> CRITTER CREEK #15-19H - API 05123326650000		<b>LOCATION</b> 19-11N-63W		<b>COUNTY-PARISH-BLOCK</b> Weld Colorado		
<b>DISTRICT</b> Brighton		<b>DRILLING CONTRACTOR RIG #</b> SST-53		<b>TYPE OF JOB</b> Intermediate		

SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES				
Cement Plug, Rubber, Top 7 in	Guide Shoe, Cement Nose, 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
MATERIALS FURNISHED BY BJ								
Premium Lite Cement + additives		717	12.5	1.89	10.37	00:02	241.33	177.08
50:50:3 + 0.4% FL-52+0.1% SMS+20%S-8		149	13.5	1.71	8.30	04:59	45.45	29.45
FRESH WATER		0	8.34	0	0	00:00	302.2	
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 <u>600</u> Bbl. Available Displ. Fluid <u>600</u> Bbl.		TOTAL					648.99	206.53

HOLE			TBG-CSG-D.P.				COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE
8.75	45	7728	7	23	CSG	7724	P-110	7724	7678	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	1490	NO PACKER	0	0	0	7	8RND	WATER BASED MU	9.6

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	
301.1	BBLs	FRESH WATER	8.34	1742	0	0	0	0	6224	3000	RIG

**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: 9.6 LBS/GAL Mud Density Out: 9.6 LBS/GAL		PV & YP Mud In: 15	PV & YP Mud Out: 15
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> Units:		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 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 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

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

PRESSURE/RATE DETAIL	EXPLANATION



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## 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)  
 DURING DISPLACEMENT HAD TROUBLE PULLING WATER FROM RIGS LAY DOWN TANK, HAD TO SHUT DOWN MOMENTARILY AND SWITCH HOSE TO DIFFERENT PORT ON TANK, GOT GOOD FLOW AGAIN AND CONTINUED TO DISPLACE.

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	4112 PSI		
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/>	BJ	<input type="checkbox"/>
15:30	0	0	0	0	0	PRE RIG UP SAFETY MEETING			
16:50	0	0	0	0	0	PRE JOB MEETING			
17:26	1165	0	0	0	H2O	LOW PRESSURE TEST			
17:27	4112	0	0	0	H2O	HIGH PRESSURE TEST			
17:28	610	0	7.2	20	H2O	CLAYTREAT WATER W/A-125			
17:32	665	0	7.2	20	H2O	MUD CLEAN W/ A-125			
17:35	729	0	7.2	20	H2O	CLAYTREAT WATER W/A-125			
17:38	287	0	6.3	236	LEAD	BATCH UP AND PUMP 717 SKSPLC + 0.4% FL-52 + 3% Bentonite + 0.25 pps CelloFlake@12.5#			
18:28	236	0	5	45	TAIL	MIX AND PUMP 149 SKS(50:50) Poz:G + 0.4% FL-52 + 3% Bentonite + 0.1%SM + 20% S-8@13.5#			
18:37	0	0	0	0	H2O	DROP PLUG			
18:38	1200	0	7.5	180	H2O	START DISPLACEMENT			
19:05	1479	0	6.2	20	H2O	SLOW RATE			
19:09	0	0	0	0	0	SHUT DOWN / TROUBLE PULLING WATER FROM RIGS LAYDOWN TANK			
19:19	1479	0	6.2	20	H2O	CONTINUE DISPLACEMENT			
19:23	1929	0	5.1	40	H2O	SLOW RATE			
19:31	2100	0	3.8	30	H2O	SLOW RATE			
19:40	2364	0	2.6	4.5	H2O	SLOW RATE			
19:43	3067	0	0	0	H2O	BUMP PLUG @ 294.5 BBLs			
20:10	1508	0	.8	1.5	H2O	START CASING TEST			
20:40	1609	0	0	0	H2O	END CASING TEST			
20:45	0	0	0	0	0	POST JOB RIG DOWN SAFETY 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	3067	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	32	635.5	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<i>John R. W. [Signature]</i>

*Keith R. Nolan*





BJ Services JobMaster Program Version 3.50

Job Number: 1001764692

Customer: EOG

Well Name: CRITTER CREEK #15-19H

