

# CEMENT JOB REPORT



CUSTOMER EOG Resources Inc.		DATE 19-FEB-11	F.R. # 1001764653	SERV. SUPV. JEFFREY A ANDERSON									
LEASE & WELL NAME LION CREEK #09-35H - API 05123325580000		LOCATION 35-11N-64W		COUNTY-PARISH-BLOCK Weld Colorado									
DISTRICT Brighton		DRILLING CONTRACTOR RIG # SST-56		TYPE OF JOB Liner									
<b>SIZE &amp; TYPE OF PLUGS</b>		<b>LIST-CSG-HARDWARE</b>		<b>PHYSICAL SLURRY PROPERTIES</b>									
				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 High Strength D+ adds				316	13	1.82	9.20	04:34	101.9	68.87			
10 bbls sugar+alpha then 62 Bbls alpha then 90bbls				0	8.34	0	0	00:00	131				
Ultra Flush II + Alpha-125				0	9.5	0	0	00:00	40				
Fresh Water + Inflo-150 +Alpha				0	8.34	0	0	00:00	10				
Fresh Water + Inflo-150 + Alpha				0	8.34	0	0	00:00	10				
Available Mix Water 400 Bbl.		Available Displ. Fluid 200 Bbl.		TOTAL					292.9	68.87			
<b>HOLE</b>			<b>TBG-CSG-D.P.</b>				<b>COLLAR DEPTHS</b>						
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE			
6	0	11629	4.5	11.6	CSG	11625	N-80						
<b>LAST CASING</b>			<b>PKR-CMT RET-BR PL-LINER</b>			<b>PERF. DEPTH</b>		<b>TOP CONN</b>		<b>WELL FLUID</b>			
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE		DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.	
7	23	CSG	7740	Liner		7046	0	0	2	8RD	OTHER	8.4	
<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>MAX CSG PSI</b>	<b>MIX WATER</b>
VOLUME	UOM	TYPE		WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator		
142.5	BBLs	10 bbls sugar+alpha t		8.34	0	0	0	0	0	6224	3000	Upright Tank	
<b>Circulation Prior to Job</b>													
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1				Circulation Rate: 5 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 <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: 1 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 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"/> RECIPROICATION <input 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 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 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: 2000 PSI				With 8.4 LBS/GAL Mud				Time Held: 00 Hours 02 Minutes					
<b>Shoe Test (Update Original Treatment Report for Primary Job)</b>													
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									

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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

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: 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	5000 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/>	BJ <input type="checkbox"/>
03:30	0	0	0	0	N/A	Pre Rig Up Meeting	
07:30	0	0	0	0	N/A	Safety Meeting	
08:15	5022	0	0	0	WATER	Pressure Test	
08:23	3000	0	7.2	224	WATER	Set Hanger	
09:45	0	0	0	0	N/A	Rig Circulate	
10:42	0	0	0	0	N/A	Safety Meeting	
10:55	4132	0	0	0	WATER	Pressure Test	
10:58	250	0	2.4	10	WATER	Fresh Water + Addis	
11:03	790	0	4.9	40	WATER	Ultraflush II + Addis	
11:13	630	0	5	10	WATER	Fresh Water + Addis	
11:16	299	0	5.1	101.9	CEMENT	Batch up and pump Lead Slurry 316 sks @ 13.0 PPG of + PL HSD + 0.4% R-3 + 2.4% FL-62 + 0.4% ASA-301 + 0.5% Sodium Metasilicate + 88.2% Fresh Water	
11:40	0	0	0	0	N/A	Drop Plug	
11:55	107	0	5	47	WATER	Displacement	
12:06	582	0	4.8	7	WATER	Caught Cement	
12:08	23	0	1.5	12	WATER	Drop Rate	
12:19	1100	0	5	54	WATER	Increase Rate	
12:39	686	0	2.6	6	WATER	Drop Rate	
12:53	924	0	2.2	5	WATER	Over Displacement for Wet Shoe	
12:55	0	0	0	0	N/A	Shutdown	
13:15	1856	0	0	0	WATER	Casing Test	
13:20	0	0	0	0	N/A	Job Done	
13:30	0	0	0	0	N/A	Pre 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:
Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 0		Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 0		516.9	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	<i>Jeff Anderson</i>



**BJ Services JobMaster Program Version 3.50**

Job Number: 1001764653

Customer: EOG

Well Name: Lion Creek 09-35H



