

# CEMENT JOB REPORT



<b>CUSTOMER</b> ENCANA OIL & GAS (USA) INC			<b>DATE</b> 16-JUL-15		<b>F.R. #</b> 10011165980			<b>SERV. SUPV.</b> ERIC S DEWIT						
<b>LEASE &amp; WELL NAME</b> CALDWELL #14-25 - API 05013065120000			<b>LOCATION</b> 25-2N-69W			<b>COUNTY-PARISH-BLOCK</b> Boulder Colorado								
<b>DISTRICT</b> Brighton			<b>DRILLING CONTRACTOR RIG #</b> WO			<b>TYPE OF JOB</b> Squeeze-Top								
<b>SIZE &amp; TYPE OF PLUGS</b>		<b>LIST-CSG-HARDWARE</b>			<b>MECHANICAL BARRIERS</b>		<b>MD</b>	<b>TVD</b>	<b>HANGER TYPES</b>		<b>MD</b>	<b>TVD</b>		
		No Shoe												
<b>MATERIALS FURNISHED BY BJ</b>			<b>LAB REPORT NO.</b>			<b>PHYSICAL SLURRY PROPERTIES</b>								
						<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>		
Fresh Water						0	8.34	0	0	00:00	0.25			
Cement Slurry						332	15.8	1.15	4.99		67.99	39.49		
Fresh Water						0	8.34	0	0		10			
<b>Available Mix Water</b> 150 <b>Bbl.</b>			<b>Available Displ. Fluid</b> 150 <b>Bbl.</b>			<b>TOTAL</b>					78.24	39.49		
<b>HOLE</b>			<b>TBG-CSG-D.P.</b>						<b>COLLAR DEPTHS</b>					
<b>SIZE</b>	<b>% EXCESS</b>	<b>DEPTH</b>	<b>ID</b>	<b>OD</b>	<b>WGT.</b>	<b>TYPE</b>	<b>MD</b>	<b>TVD</b>	<b>GRADE</b>	<b>SHOE</b>	<b>FLOAT</b>	<b>STAGE</b>		
7.875	0	1505	8.097	8.625	24	CSG	750	750	J-55	0	0			
			4	4.5	11.6	CSG	8115	8115						
<b>LAST CASING</b>			<b>PKR-CMT RET-BR PL-LINER</b>			<b>PERF. DEPTH</b>			<b>TOP CONN</b>		<b>WELL FLUID</b>			
<b>ID</b>	<b>OD</b>	<b>WGT</b>	<b>TYPE</b>	<b>MD</b>	<b>TVD</b>	<b>BRAND &amp; TYPE</b>		<b>DEPTH</b>	<b>TOP</b>	<b>BTM</b>	<b>SIZE</b>	<b>THREAD</b>	<b>TYPE</b>	<b>WGT.</b>
1.4	1.66	2.33	CSG	1505	1505	No Packer		0	0	0	2.375	8RND	WATER BASED	8.4
			CSG											
<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>			
<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>	<b>Operator</b>	<b>RATED</b>	<b>Operator</b>			
0.3	BBLS	Fresh Water		8.34	0	0	0	2500	1500	0	0	Transport		
<b>Circulation Prior to Job</b>														
<b>Circulated Well:</b> Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			<b>Circulation Time:</b> 0			<b>Circulation Rate:</b> 0 BPM								
<b>Mud Density In:</b> 0 LBS/GAL			<b>Mud Density Out:</b> 0 LBS/GAL			<b>PV &amp; YP Mud In:</b> 0			<b>PV &amp; YP Mud Out:</b> 0					
<b>Gas Present:</b> NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>			<b>Units:</b>			<b>Solids Present at End of Circulation:</b>			NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>					
<b>Displacement And Mud Removal</b>														
<b>Displaced By:</b> Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>			<b>Amount Bled Back After Job:</b> 0 BBLS											
<b>Returns During Job:</b> <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL			<b>Method Used to Verify Returns:</b> Visual											
<b>Cement Returns at Surface:</b> <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			<b>Were Returns Planned at Surface:</b> <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES											
<b>Pipe Movement:</b> <input type="checkbox"/> ROTATION <input type="checkbox"/> RECIPROICATION <input checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE														
<b>Centralizers:</b> <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			<b>Quantity:</b>			<b>Type:</b> <input type="checkbox"/> BOW <input type="checkbox"/> RIGID								
<b>Job Pumped Through:</b> <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input type="checkbox"/> MANIFOLD <input checked="" type="checkbox"/> NO MANIFOLD														
<b>Plugs</b>														
<b>Number of Attempts by BJ:</b> 0			<b>Competition:</b> 0			<b>Wiper Balls Used:</b> <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			<b>Quantity:</b>					
<b>Plug Catcher Used:</b> <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			<b>Parabow Used:</b> <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES											
<b>Was There a Bottom:</b> <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			<b>Top of Plug:</b> 0 FT			<b>Bottom of Plug:</b> 0 FT								
<b>Squeezes (Update Original Treatment Report for Primary Job)</b>														
<b>BLOCK SQUEEZE</b> <input type="checkbox"/>			<b>SHOE SQUEEZE</b> <input type="checkbox"/>			<b>TOP OF LINER SQUEEZE</b> <input type="checkbox"/>			<b>PLANNED</b> <input type="checkbox"/>		<b>UNPLANNED</b> <input type="checkbox"/>			
<b>Liner Packer:</b> <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			<b>Bond Log:</b> <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			<b>PSI Applied:</b> 0			<b>Fluid Weight:</b> 0 LBS/GAL					
<b>Casing Test (Update Original Treatment Report for Primary Job)</b>														
<b>Casing Test Pressure:</b> 0 PSI			<b>With</b> 0 LBS/GAL <b>Mud</b>			<b>Time Held:</b> 00 Hours 00 Minutes								
<b>EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None</b>														
<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)  
None

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)  
None

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	3200 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
13:12	0	0	0	0	N/A	Leave Yard	
13:46	0	0	0	0	N/A	Arrive on Location (20 Miles)	
14:25	0	0	0	0	N/A	Spot Trucks	
14:40	0	0	0	0	N/A	Pre-Rig Up Safety Meeting	
15:14	0	0	0	0	N/A	Pre-Job Safety Meeting	
15:32	185	0	1	1	H2O	Load Lines	
15:33	3200	0	0	0	H2O	Pressure Test	
15:36	828	0	2.2	10	H2O	Fresh Water Spacer	
15:43	915	0	2	30	CMT	Batch, Weigh, and Pump 146 sks 15.8# Class G Cement	
16:05	1146	0	2	38	CMT	Pump 185 sacks of Class G + 2% Calcium (5 bbls of cement to surface)	
16:28	412	0	.8	.25	H2O	Displacement	
16:28	0	0	0	0	H2O	Shut down wash up pump	
	0	0	0	0	H2O	Wash Up Pump	
16:45	0	0	0	0	N/A	Pre-Rig Down Safety Meeting	
17:30	0	0	0	0	N/A	Leave location	
18:10	0	0	0	0	N/A	Arrive back at the yard	

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 checked="" type="checkbox"/> N	0	Y <input checked="" type="checkbox"/> N	5	79.25	0	Y <input checked="" type="checkbox"/> N	