

## CEMENT JOB REPORT



<b>CUSTOMER</b> BAYSWATER EXPLORATION &		<b>DATE</b> 23-NOV-15	<b>F.R. #</b> 10011182362		<b>SERV. SUPV.</b> ERIC S DEWIT		
<b>LEASE &amp; WELL NAME</b> CARLSON #K-15-16HC - API 05123417120000		<b>LOCATION</b> 15-5N-65W		<b>COUNTY-PARISH-BLOCK</b> Weld Colorado			
<b>DISTRICT</b> Brighton		<b>DRILLING CONTRACTOR RIG #</b> Frontier 8		<b>TYPE OF JOB</b> Long String			
<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 MD TVD</b>	
Cement Plug, Rubber, Top 4-1/2 in	Centralizer, with Pins, 4-1/2 in						
	Float Shoe 4-1/2 - Butt.						
	Float Collar, Auto Fill, 4-1/2 - Butt.						
<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>	
Fresh Water		0	8.34	0	0	20	
(50:50) Class G:Poz + Adds		661	14.5	1.44	6.18	07:17	
Fresh Water + Alpha 1427 + ClayCare		0	8.34	0	0	223.46	
Ultraflush II		0	10.5	6.38	43.9	60	
Available Mix Water 100 Bbl.		Available Displ. Fluid 300 Bbl.		<b>TOTAL</b>		472.60 152.48	
<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>
6.125	18	15003	3.92	4.5	13.5	CSG	14991
							7028
							N-80
							14991
							14970
<b>LAST CASING</b>		<b>PKR-CMT RET-BR PL-LINER</b>		<b>PERF. DEPTH</b>		<b>TOP CONN</b>	
<b>ID</b>	<b>OD</b>	<b>WGT</b>	<b>TYPE</b>	<b>MD</b>	<b>TVD</b>	<b>WELL FLUID</b>	
6.2	7	29	CSG	7521	7028	No Packer	
						0	
						0	
						0	
						4.5	
						BUTT	
						WATER BASED	
						9.6	
<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>
223.5	BBLS	Fresh Water + Alpha	8.34	1059	0	0	0
							0
							7216
							5000
							Frac Tank
<b>Circulation Prior to Job</b>							
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 2			
Mud Density In: 9.6 LBS/GAL				Mud Density Out: 9.6 LBS/GAL			
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>				Units:			
PV & YP Mud In:				PV & YP Mud Out:			
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: 1.5 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"/> RECIPROCATION <input checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE							
Centralizers: <input type="checkbox"/> NO <input checked="" 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							
<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: 0 PSI				With 0 LBS/GAL Mud			
Time Held: 00 Hours 00 Minutes							
<b>EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None</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 7163 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
04:00	0	0	0	0	N/A	Yard call	
07:46	0	0	0	0	N/A	Leave the yard	
08:28	0	0	0	0	N/A	Arrive on location (32 miles) Rig on bottom circulating	
08:40	0	0	0	0	N/A	Spot trucks	
08:47	0	0	0	0	N/A	Pre rig up safety meeting	
09:55	0	0	0	0	N/A	Pre job safety meeting	
10:16	22	0	1.3	2	H2O	Load pumps and lines	
10:18	7163	0	0	0	H2O	Pressure test pumps and lines	
10:22	1072	0	6	20	H2O	Fresh water spacer	
10:29	873	0	5.2	58	BAR	Ultra flush II weighted spacer @10.5 ppg	
10:49	0	0	0	0	CMT	Batch, and weigh cement slurry @14.5 ppg	
10:53	857	0	5.1	165	CMT	Pump 661 sacks of (50:50) Class G:Poz + Adds	
11:36	0	0	0	0	N/A	Shut down wash up and release the plug	
11:48	160	0	7.3	0	H2O	Send plug, start displacement	
	0	0	0	2	N/A	Shut down verify plug is away	
		0			H2O	Displacement	
12:00	1532	0	5.6	80	H2O	Drop rate	
12:22	1497	0	4.6	200	H2O	Drop rate	
12:24	995	0	2.5	210	H2O	Drop rate	
12:27	1416	0	0	223	H2O	Bump plug	
12:29	0	0	0	0	H2O	Check floats (Floats held)	
12:31	0	0	0	0	N/A	Pre rig down safety meeting	
13:31	0	0	0	0	N/A	Leave location	
	0	0	0	0	N/A	Arrive back at the yard	
BUMPED PLUG <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	PSI TO BUMP PLUG 995	TEST FLOAT EQUIP. <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 0	TOTAL BBL. PUMPED 468	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	Service Supervisor Signature:







