

# CEMENT JOB REPORT



<b>CUSTOMER</b> CARRIZO OIL & GAS INC XML		<b>DATE</b> 21-FEB-14		<b>F.R. #</b> 10011047814		<b>SERV. SUPV.</b> JASON L SJOBERG	
<b>LEASE &amp; WELL NAME</b> BRINGELSON RANCH #9-20-9-58 - API 0512338612		<b>LOCATION</b> 20-9N-58W		<b>COUNTY-PARISH-BLOCK</b> Weld Colorado			
<b>DISTRICT</b> Brighton		<b>DRILLING CONTRACTOR RIG #</b> Xtreme Coil #19		<b>TYPE OF JOB</b> Surface			
<b>SIZE &amp; TYPE OF PLUGS</b>		<b>LIST-CSG-HARDWARE</b>		<b>MECHANICAL BARRIERS</b>		<b>MD</b>	<b>TVD</b>
Cement Plug, Rubber, Top 9-5/8 in		Float Collar, Auto Fill, 9-5/8 - 8rd					
		Guide Shoe, Cement Nose, 9-5/8 i					
		Centralizer, with Pins, 9-5/8 in					
<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>
Fresh Water + 2 lbs Red Dye				0	8.34	0	0
Type III Cmt + adds				146	14.5	1.41	02:30
Premium Lite Cmt + adds				400	13	1.81	03:00
Fresh Water				0	8.34	0	107
<b>Available Mix Water</b> 400 <b>Bbl.</b>		<b>Available Displ. Fluid</b> 400 <b>Bbl.</b>		<b>TOTAL</b>		282.81	113.79
<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>
12.25	0	1450	8.921	9.625	36	CSG	1431
						<b>TVD</b>	<b>GRADE</b>
						1431	J-55
						<b>SHOE</b>	<b>FLOAT</b>
						1431	1383
						<b>STAGE</b> 0	
<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>BRAND &amp; TYPE</b>	<b>DEPTH</b>
15.	16	65	CSG	77	77	No Packer	0
						<b>TOP</b>	<b>BTM</b>
						0	0
						<b>SIZE</b>	<b>THREAD</b>
						9.625	8 RND
						<b>TYPE</b>	<b>WGT.</b>
						WATER BASED	8.5
<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>
107	BBLS	Fresh Water	8.34	372	0	0	0
						<b>Operator</b>	<b>MAX CSG PSI</b>
						2816	2000
						<b>MIX WATER</b> Rig	
<b>Circulation Prior to Job</b>							
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: .5			
Mud Density In: 8.5 LBS/GAL				Mud Density Out: 8.5 LBS/GAL			
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"/>			
<b>Displacement And Mud Removal</b>							
Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>				Amount Bled Back After Job: .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 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 type="checkbox"/> NO <input checked="" type="checkbox"/> YES				Quantity: 14			
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input checked="" type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD				Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID			
<b>Plugs</b>							
Number of Attempts by BJ: 0				Competition: 0			
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Parabow Used: <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: 1505 PSI				With 8.4 LBS/GAL Mud			
				Time Held: 00 Hours 15 Minutes			
<b>EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None</b>							

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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)  
 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 3018 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
08:15	0	0	0	0	N/A	Yard Call
10:40	0	0	0	0	N/A	Leave Yard
12:42	0	0	0	0	N/A	Arrive on Location
12:51	0	0	0	0	N/A	Spot Trucks/Pre Rig-up Safety Meeting
16:15	0	0	0	0	N/A	Safety Meeting
16:38	3018	0	0	0	H2O	Pressure Test Pump and Lines
16:42	257	0	5.1	10	H2O	Preflush Fresh Water
16:45	244	0	5.1	10	H2O	Preflush Dye
16:48	339	0	4.8	121	CMT	Batch, Weigh, Pump 13# PLC + .08% Static Free + 3% CaCl + 3% NaCl + .25 lbs/sack Cello Flake + 6% Bentonite
17:20	127	0	2.6	32	CMT	Pump 14.5# Type III + .08 lbs/sack Static Free + 1.5% CaCl + .25 lbs/sack Cello Flake
17:34	0	0	0	0	N/A	Drop Plug
17:39	221	0	4.8	77	H2O	Displacement
17:56	419	0	3.6	10	H2O	Drop Rate
17:59	460	0	2.4	17	H2O	Drop Rate
18:06	234	0	0	0	N/A	Stop
18:32	500	0	1.5	3	H2O	Displacement
18:34	630	0	1.5	107	H2O	Bump Plug
18:38	1034	0	0	0	N/A	Check Floats
18:39	1505	0	0	0	H2O	Casing Test
20:50	10	0	.5	3	CMT	Top Out Cement
21:20	0	0	0	0	N/A	Post Job 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	630	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	49	295	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	