

# CEMENT JOB REPORT



<b>CUSTOMER</b> CARRIZO OIL & GAS INC XML			<b>DATE</b> 03-APR-14		<b>F.R. #</b> 10011057148			<b>SERV. SUPV.</b> ERIC S DEWIT						
<b>LEASE &amp; WELL NAME</b> BRINGELSON RANCH #12-20-9-58 - API 051233906			<b>LOCATION</b> 20-9N-58W			<b>COUNTY-PARISH-BLOCK</b> Weld Colorado								
<b>DISTRICT</b> Brighton			<b>DRILLING CONTRACTOR RIG #</b> Xtreme 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>	<b>HANGER TYPES</b>		<b>MD</b>	<b>TVD</b>		
Cement Plug, Rubber, Top 9-5/8 in		Cement Basket, Slip On, 9-5/8 in												
		Centralizer, with Pins, 9-5/8 in												
		Float Collar, Auto Fill, 9-5/8 - 8rd												
		Float Shoe 9-5/8 - 8rd												
<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 + 2 lbs Red Dye								0	8.34	0	0	00:00	15	
Type III Cmt + adds								146	14.5	1.41	6.82	02:30	36.58	23.69
Premium Lite Cmt + adds								400	13	1.81	9.46	03:00	129.24	90.10
Fresh Water								0	8.34	0	0	00:00	108.23	
Type III Cmt								20	14.5	1.41	6.82		5.02	3.25
<b>Available Mix Water</b> 400 <b>Bbl.</b>				<b>Available Displ. Fluid</b> 400 <b>Bbl.</b>				<b>TOTAL</b>				294.07	117.04	
<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>		
12.25	100	1497	8.921	9.625	36	CSG	1440	1440	J-55	1477	1430	0		
<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>	
15.	16	65	CSG	77	77	No Packer	0	0	0	9.625	8RND	FRESH WATER	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>			
<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>			
110.5	BBLS	Fresh Water		8.34	388	0	0	0	0	2816	2000	Rig Tank		
<b>Circulation Prior to Job</b>														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1				Circulation Rate: 3 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 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"/> RECIPROICATION <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				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														

# 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

**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	3474 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/>	BJ <input type="checkbox"/>
20:43	0	0	0	0	N/A	Leave yard	
22:53	0	0	0	0	N/A	Arrive on location (97 Miles) Rig running casing	
22:55	0	0	0	0	N/A	Spot trucks	
23:01	0	0	0	0	N/A	Pre rig up safety meetings	
01:45	0	0	0	0	N/A	Pre job safety meeting	
02:30	0	0	.8	1	H2O	Load pumps and lines	
02:33	3474	0	0	0	H2O	Pressure test pumps and lines	
02:36	179	0	4.8	15	H2O	Fresh water spacer with dye	
02:45	268	0	4.9	125	CMT	Batch, weigh, and pump lead slurry @13 ppg	
03:20	78	0	2.4	32	CMT	Batch, weigh, and pump tail slurry @14.5 ppg	
03:47	0	0	0	0	N/A	Release plug	
03:51	351	0	4.8	50	H2O	Displacement	
04:04	514	0	3.6	45	H2O	Drop rate	
04:17	516	0	2.4	8	H2O	Drop rate	
04:21	216	0	0	0	H2O	Shut down stage up	
04:26	560	0	2	6	H2O	Bump plug (65 bbls of cement back to surface)	
04:31	0	0	0	0	H2O	Check floats, Floats held (.5 bbls Bleed back)	
04:34	1577	0	0	0	H2O	Start casing test	
04:49	0	0	0	0	N/A	End casing test	
04:55	0	0	0	0	N/A	Rig down head and manifold, wait 1 hour to see if top out is required	
06:00	0	0	0	0	N/A	Check level of cement, cement fell about 18 feet Top out required	
06:15	0	0	0	0	N/A	Rig up tubing for top out	
06:42	0	0	1	5	CMT	Batch, weigh, and pump top out slurry @14.5 ppg	
06:55	0	0	0	0	N/A	Wash up	
07:15	0	0	0	0	N/A	Pre rig down safety meeting	
08:00	0	0	0	0	N/A	Leave location	
10:00	0	0	0	0	N/A	Arrive back at district	

BUMPED PLUG	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	PSI TO BUMP PLUG	560	TEST FLOAT EQUIP.	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED	65	TOTAL BBL. PUMPED	281	PSI LEFT ON CSG	0	SPOT TOP OUT CEMENT	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	Service Supervisor Signature:
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