

# CEMENT JOB REPORT



<b>CUSTOMER</b> CARRIZO OIL & GAS INC XML		<b>DATE</b> 15-APR-13	<b>F.R. #</b> 1001980327		<b>SERV. SUPV.</b> JASON L SJOBERG								
<b>LEASE &amp; WELL NAME</b> NELSON 4-17-9-60 - API 05123368690000		<b>LOCATION</b> 17-9N-60W		<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>	<b>HANGER TYPES</b>	<b>MD</b> <b>TVD</b>							
Cement Plug, Rubber, Top 9-5/8 in	Float Collar, Auto Fill, 9-5/8 - 8rd	None	0	0	None	0 0							
	Guide Shoe, Cement Nose, 9-5/8 i	None	0	0	None	0 0							
	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>	<b>PUMP TIME HR:MIN</b>	<b>Bbl SLURRY</b>	<b>Bbl MIX WATER</b>				
Fresh Water + 2 lbs Red Dye	0		0	8.34	0	0	00:00	10					
Type III Cement + adds	C04-056-13		147	14.5	1.40	6.81	02:30	36.70	23.83				
Premium Lite Cement + adds	C04-056-13		410	13	1.77	9.20	03:00	129.06	89.81				
Fresh Water	0		0	8.34	0	0	00:00	108.23					
<b>Available Mix Water</b> 450 <b>Bbl.</b>		<b>Available Displ. Fluid</b> 450 <b>Bbl.</b>		<b>TOTAL</b>		283.99		113.63					
<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	0	1426	8.921	9.625	36	CSG	1416	1416	J-55	1416	1370	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	BLANK PIPE	60	60	No Packer	0	0	0	9.625	8RND	WATER BASED	8.8
<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>			
105.9	BBLS	Fresh Water	8.34	373	0	0	0	0	2816	2000	Rig		
<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: 8.8 LBS/GAL Mud Density Out: 8.8 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"/> 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		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: 1500 PSI With 8.34 LBS/GAL Mud						Time Held: 00 Hours 30 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	4035 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
09:00	0	0	0	0	N/A	Yard Call	
14:10	0	0	0	0	N/A	Leave Yard	
14:10	0	0	0	0	N/A	Arrive On Location	
17:00	0	0	0	0	N/A	Spot Trucks	
17:10	0	0	0	0	N/A	Pre Rig-up Safety Meeting	
19:00	0	0	0	0	N/A	Safety Meeting	
19:57	4035	0	0	0	H2O	Pressure Test Pump and Lines	
20:11	170	0	4.8	10	H2O	Preflush Dyed Water	
20:18	263	0	5.2	126	CMT	Batch, Weigh, Pump 13# Premium Lite Cement + adds	
20:48	180	0	3.7	36	CMT	Pump 14.5# Type III Cement + adds	
21:02	0	0	0	0	N/A	Drop Plug	
21:03	294	0	6	45	H2O	Displacement	
21:12	381	0	4.8	51	H2O	Drop Rate	
21:24	518	0	3.6	10	H2O	Drop Rate	
21:27	536	0	3.6	106	H2O	Bump Plug	
21:29	1035	0	0	0	N/A	Check Floats	
21:35	1500	0	0	0	H2O	Casing Test 1	
22:24	1504	0	0	0	H2O	Casing Test 2 Begin	
22:26	35	0	.8	10	CMT	Top Out Cement 50 sks	
23:14	1528	0	0	0	H2O	Casing Test 2 End	
00:30	0	0	0	0	N/A	Post Job Safety Meeting	
BUMPED PLUG <input type="checkbox"/> Y <input type="checkbox"/> N	PSI TO BUMP PLUG 536	TEST FLOAT EQUIP. <input type="checkbox"/> Y <input type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 50	TOTAL BBL. PUMPED 288	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT <input type="checkbox"/> Y <input type="checkbox"/> N	Service Supervisor Signature: