

# CEMENT JOB REPORT



<b>CUSTOMER</b> TEKTON ENERGY LLC		<b>DATE</b> 08-MAR-14		<b>F.R. #</b> 10011051230		<b>SERV. SUPV.</b> RYAN R STEVENS	
<b>LEASE &amp; WELL NAME</b> RAINANCE #6 1-2-32-090-4-CH - API 05123361750		<b>LOCATION</b> 30-6N-67W		<b>COUNTY-PARISH-BLOCK</b> Weld Colorado			
<b>DISTRICT</b> Brighton		<b>DRILLING CONTRACTOR RIG #</b> Frontier 10		<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, AI Flap, 9-5/8 - 8rd		None		0	0
		Cement Basket, Slip On, 9-5/8 in					
		Centralizer, with Pins, 9-5/8 in					
		Guide Shoe, Cement Nose, 9-5/8 i					
<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 + Dye				0	8.34	0	00:00
Surface Cement				268	14.5	1.41	00:00
Fresh Water				0	8.34	0	00:00
Available Mix Water 500 Bbl.		Available Displ. Fluid 400 Bbl.		<b>TOTAL</b>		141.31	43.52
<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	25	884	8.921	9.625	36	CSG	874
						<b>GRADE</b>	<b>SHOE</b>
						J-55	874
						<b>STAGE</b>	<b>FLOAT</b>
							830
						<b>0</b>	
<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>SIZE</b>	<b>THREAD</b>
						9.625	8RD
		No Liner		0		WATER BASED	
						<b>WGT.</b>	<b>9.2</b>
<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>
64.2	BBLS	Fresh Water	8.34	280	0	0	0
						<b>Operator</b>	<b>MAX CSG PSI</b>
						2816	1500
						<b>Operator</b>	<b>MIX WATER</b>
							Rig Tank
<b>Circulation Prior to Job</b>							
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1			
Mud Density In: 9.2 LBS/GAL				Mud Density Out: 9.2 LBS/GAL			
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>				Units:			
PV & YP Mud In: 0				PV & YP Mud Out: 0			
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 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: 9			
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			
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 3616 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
17:00	0	0	0	0	N/A	Time left yard
18:20	0	0	0	0	N/A	Time arrived on location
19:40	0	0	0	0	N/A	Spot trucks
19:45	0	0	0	0	N/A	Pre rig up safety meeting
21:36	0	0	0	0	N/A	Pre job safety meeting
22:19	3616	0	0	0	WATER	Pressuer test pumps and lines
22:22	143	0	4.8	30	WATER	Fresh water spacer + 10 BBLS of dye
22:35	500	0	5	61	CEMENT	Batch up, weigh and pump 268 SXS of Type III cement + 0.08 Lbs Sack static free + 1.5% Calcium chloride + 0.15% Lbs/sack Cello flake @ 14.5 PPG
22:54	0	0	0	0	N/A	Drop plug
23:08	230	0	4.8	50	WATER	Displacement
23:12	360	0	2.4	11	WATER	Drop rate
23:17	1711	0	2.4	61	WATER	Bump plug
23:32	0	0	0	0	N/A	Check float
23:33	0	0	0	0	N/A	Pre rig down safety meeting
01:00	0	0	0	0	N/A	Time off location

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	1711	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	3	152	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	