

# CEMENT JOB REPORT



<b>CUSTOMER</b> TEKTON ENERGY LLC			<b>DATE</b> 24-JAN-14		<b>F.R. #</b> 10011041313			<b>SERV. SUPV.</b> BARLEN M JOYNER					
<b>LEASE &amp; WELL NAME</b> KODAK #4 7-1-28-270-4-NH - API 05123372580000			<b>LOCATION</b> 27-6N-67W			<b>COUNTY-PARISH-BLOCK</b> Weld Colorado							
<b>DISTRICT</b> Brighton			<b>DRILLING CONTRACTOR RIG #</b> Frontier 10			<b>TYPE OF JOB</b> Intermediate							
<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 7 in		Float Collar, AI Flap, 7 - 8rd			NONE		0	0	NONE		0	0	
		Centralizer, with Pins, 7 in											
		Float Shoe 7 - 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 Spacer			0			0	8.34	0	0	00:00	20		
UltraFlush Spacer			0			0	11.5	0	0	00:00	20		
PLC + Adds			0			570	12.7	1.86	9.99	00:00	188.82	135.88	
50:50 + Adds			0			190	14.4	1.45	6.34	00:00	49.07	28.69	
Fresh Water			0			0	8.34	0	0	00:00	292.1		
<b>Available Mix Water</b> 700 Bbl.			<b>Available Displ. Fluid</b> 200 Bbl.			<b>TOTAL</b>			569.99		164.57		
<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>	
8.75	0	7690	6.276	7	26	CSG	7680	6978	P-110	7680	7633	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>
8.9	9.63	36	CSG	500	500	NO LINER	0	0	0	7	8RD	WATER BASED	9.5
<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>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>		
292.1	BBLS	Fresh Water		8.34	1904	0	0	0	0	6780	3000	RIG TANK	
<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: 9.5 LBS/GAL				Mud Density Out: 9.5 LBS/GAL				PV & YP Mud In: 36		PV & YP Mud Out: 36			
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: 3 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 type="checkbox"/> NONE <input checked="" type="checkbox"/> UNABLE DUE TO STUCK PIPE													
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES				Quantity: 58				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 4127 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
03:30	0	0	0	0	N/A	YARD CALL	
06:40	0	0	0	0	N/A	ARRIVE ON LOCATION (38 MILES) FEW JOINTS LEFT TO RUN	
07:00	0	0	0	0	N/A	SPOT TRUCKS	
07:10	0	0	0	0	N/A	PRE-RIG UP SAFETY MEETING	
08:10	0	0	0	0	N/A	SAFETY MEETING	
09:25	4127	0	0	0	WATER	PRESSURE TEST	
09:30	833	0	6	20	WATER	FRESH WATER SPACER	
09:36	605	0	4.9	20	WATER	ULTRA-FLUSH SPACER	
09:48	605	0	4.8	185	CMT	BATCH UP, WEIGH AND PUMP 570 SX OF PLC + 0.7% FL-52 + 0.2% ASA-301 + 6% BENTONITE @ 12.7 PPG	
10:33	277	0	3.7	48	CMT	BATCH UP, WEIGH AND PUMP 190 SX OF POZ/G + 0.2% CD-32 + 0.5% FL-52 + 0.3% SMS + 20% S-8 + 2% BENTONITE @ 14.4 PPG	
10:46	0	0	0	0	N/A	RELEASE PLUG	
10:50	353	0	7.2	262	H2O	START DISPLACEMENT	
11:29	2171	0	6	10	H2O	DROP RATE	
11:31	2196	0	4.8	10	H2O	DROP RATE	
11:33	2281	0	3.6	10	H2O	DROP RATE	
11:35	2296	0	3.6	292	H2O	BUMP PLUG	
11:35	3581	0	0	0	N/A	PLUG DOWN @ 292 BBLs	
11:40	0	0	0	0	N/A	PRE-RIG DOWN SAFETY MEETING	
12:20	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 type="checkbox"/> Y <input checked="" type="checkbox"/> N	2296	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	0	517	0	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	