

# CEMENT JOB REPORT



<b>CUSTOMER</b> TEKTON ENERGY LLC		<b>DATE</b> 07-FEB-14		<b>F.R. #</b> 10011044287		<b>SERV. SUPV.</b> STEVEN S ISCHE	
<b>LEASE &amp; WELL NAME</b> KODAK #12 7-3-28-270-4-NH - API 0512337254000		<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>
7" Top Cem Plug, Nitrile cvr, Phen-P		Float Collar, AI Flap, 7 - 8rd		NONE		0	0
		Centralizer, Positive, 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>
Treated Water		N/A		0	8.34	0	00:00
UltraFlush Spacer		N/A		0	11.5	0	00:00
PLC + Adds		N/A		532	12.7	1.86	03:16
50:50 + Adds		N/A		196	14.4	1.45	02:59
Fresh Water		N/A		0	8.34	0	00:00
<b>Available Mix Water</b> 400 <b>Bbl.</b>		<b>Available Displ. Fluid</b> 400 <b>Bbl.</b>		<b>TOTAL</b>		547.48	156.14
<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>
8.75	20	7491	6.276	7	26	CSG	7666
				<b>TVD</b>	<b>GRADE</b>	<b>SHOE</b>	<b>FLOAT</b>
				7666	N-80	7666	7621
				<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>
8.9	9.63	36	CSG	554	554	NO PACKER	0
				<b>TOP</b>	<b>BTM</b>	<b>SIZE</b>	<b>THREAD</b>
				0	0	73	UTTRES
				<b>TYPE</b>	<b>WGT.</b>	WATER BASED 10.1	
<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>
291	BBLS	Fresh Water	8.34	1238	0	0	0
				<b>MAX CSG PSI</b>	<b>MAX TBG PSI</b>	<b>MAX CSG PSI</b>	<b>MIX WATER</b>
				7968	3200	FRAC TANK	
<b>Circulation Prior to Job</b>							
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 3			
Mud Density In: 10.1 LBS/G				Mud Density Out: 10.1 LBS/GAL			
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>				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: 2 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 type="checkbox"/> YES <input checked="" type="checkbox"/> NO				Were Returns Planned at Surface: <input checked="" type="checkbox"/> NO <input 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: 59			
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: 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>							



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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 5000 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
06:45	0	0	0	0	N/A	LEAVE YARD	
08:00	0	0	0	0	N/A	ARRIVE ON LOCATION	
08:15	0	0	0	0	N/A	SPOT TRUCKS AND PRE RIG UP SAFTY MEETING	
10:00	0	0	0	0	N/A	SAFTY MEETING WITH CREW	
10:48	273	0	2	2	H2O	LOAD LINES	
10:52	5027	0	0	0	H2O	PRESSURE TEST	
10:55	576	0	4.8	10	H2O	CLAY CARE SPACER	
10:59	327	0	4.8	20	BARITE	11.5# BARITE SPACER	
11:15	829	0	6	829	CEMENT	BATCH UP, WHEIGH AND SEND 12.7# LEAD	
11:53	526	0	4.8	49	CEMENT	14.4# TAIL	
12:11	0	0	0	0	N/A	DROP PLUG	
12:20	1687	0	7	250	WATER BA	DISPLACEMENT	
12:58	1586	0	3	35	WATER BA	RATE CHANGE	
13:20	1487	0	2	6	WATER BA	RATE CHANGE	
13:23	3131	0	0	0	WATER BA	BUMP PLUG AND HOLD FOR 15 MIN	
13:38	0	0	0	0	N/A	TEST FLOATS AND RIG DOWN SAFTY MEETING	
14:30	0	0	0	0	N/A	LEAVE LOCATION	
BUMPED PLUG <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	PSI TO BUMP PLUG 3131	TEST FLOAT EQUIP. <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 20	TOTAL BBL. PUMPED 562	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT Y <input type="checkbox"/> N	Service Supervisor Signature: