



TREATMENT NUMBER FG2013012	DATE 7/10/2013
STAGE 1	JOB TYPE SURFACE

WELL NAME AND NO. Bayor ATU1	LOCATION (LEGAL) 23FNL&212FWL,SEC.5,T29S,R37W	RIG NAME: TRINIDAD DRILLING #216	CEMENT PUMPER: 23004
FIELD Hugoton/Ponoma	FORMATION Glorietta	WELL DATA	BOTTOM
COUNTY Grant	STATE Kansas	API NO.	FT TOP FT

RIG FORMAN Kevin Swafford	WELL DATA	BIT SIZE 12 1/4	CSG/Liner Size 8 5/8	WEIGHT 24	FOOTAGE 634.51	GRADE J-55	THREAD ST&C	DISP. CAPACITY 38	TOTAL: 38
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CEMENT SUPER Frank L. Gonzales	MUD DENSITY 42.2	MUD VISC	DISP. CAPACITY 38	Include Footage From Ground Level To Head In Disp. Capacity
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SPECIAL INSTRUCTIONS	Head & Plugs	<input type="checkbox"/> TBG	<input type="checkbox"/> D.P.	SQUEEZE JOB
Personel: J.R. Ortiz, Ronald Trujillo, Robert Ashe	<input type="checkbox"/> Double Box 6	WEIGHT	SIZE	TOOL TYPE DEPTH
	<input type="checkbox"/> Single	GRADE	TAIL PIPE: SIZE DEPTH	TUBING VOLUME BBLs
	<input type="checkbox"/> Swage	THREADS	CSG VOL BELOW TOOL	TOTAL BBLs
	<input type="checkbox"/> Knockout	<input type="checkbox"/> New <input type="checkbox"/> Used	ANNULAR VOLUME	BBLs

LIFT PRESSURE 236 psi	BUMP PLUG TO 800	CEMENT TEMPERATURE:	WATER QUALITY:	pH	SG	TEMP
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NO. of Centralizers 4+1 basket	ARRIVE ON LOCATION TIME: 17:30 DATE: 7/9/2013	RIG UP TIME: 22:45 DATE: 7/9/2013	LEFT LOCATION TIME: 3:20 DATE: 7/9/2013
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TIME	PRESSURE TBG CSG	VOLUME PUMPED INCR CUM	RATE	FLUID TYPE	DENSITY	DESCRIPTION
1:20						Safety Meeting
1:56	1500	2 2.0	1	H2O	8.3	Pressure Test Pump and Lines
1:58	100	45 47	4	H2O	8.3	Water Ahead
2:04	120	101 148	4	Cmt.	8.3	Pump Cement @ 15 PPG
2:29				H2O	15	Drop Plug
2:30	0	38	4	H2O	8.3	Pump Displacement
2:33	54	160	4	H2O	8.3	1st Call Out
2:36	120	172	4	H2O	8.3	2nd Call Out
2:39	150	184	2	H2O	8.3	3rd Call Out
2:40	200	186	2	H2O	8.3	Final Lift
2:40	1200		2	H2O	8.3	Bump Plug
3:09		40 226	4	H2O	8.3	Wash Up Pump
						Rig Down

System Used	No. of Sacks	Yield ft ³ /sk	COMPOSITION OF SYSTEM				SLURRY MIXED	
							BBLs	DENSITY
Surf. Set		1.21	Class G, Pozz, S001, P029, P046				101.4	15
			336 sacks Class G cement					
			112 sacks Poz					
			1196 lbs Calcium Chloride					
			112 lbs Antifoamer					
			112 lbs Pol-E-Flakes					

CIRCULATION <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	WASHED CASING DOWN <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	BREAKDOWN BEFORE PLUG BUMP PRESSURE 200 PSI	FINAL 200 PSI
DISPLACEMENT VOL. 38 BBLs	RETURNED TO SURFACE 16 BBLs	RATE 2 BPM	