

Date 11-04-13 District Med. Lodge KS Ticket No. 59838
 Company Tomcat (source) Rig Tomcat #1
 Lease Faulstich Well No. 2-11 SWD
 County Butler State KS
 Location V.C. Benton, KS Field 02-265-034

CEMENT DATA:
 Spacer Type: 12 Bbls ASF
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 7" Type _____ Weight 23# Collar _____

LEAD: Pump Time _____ hrs. Type CB
 Excess _____
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG
 TAIL: Pump Time _____ hrs. Type A ASC + 5#
Kokcal + 0.3% FL-160 + Defoamer Excess _____
 Amt. 200 Sks Yield 1.57 ft³/sk Density 14.5 PPG
 WATER: Lead _____ gals/sk Tail 2.0 gals/sk Total _____ Bbls.

Casing Depths: Top _____ Bottom _____

Pump Trucks Used 558-555
 Bulk Equip. 561-553

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size 8 3/8 T.D. _____ ft. P.B. to 3163 ft.

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. 0.0394 Lin. ft./Bbl. 25.38
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. 0.0268 Lin. ft./Bbl. 37.31
 Bbls/Lin. ft. _____ Lin. ft./Bbl. _____

Float Equip: Manufacturer W-5
 Shoe: Type Guide Shoe Depth _____
 Float: Type AFU Insert Depth _____
 Centralizers: Quantity 10 Plugs Top TRP Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type Fresh H₂O Amt. 121 1/2 Bbls. Weight _____ PPG
 Mud Type Native Weight _____ PPG

COMPANY REPRESENTATIVE Chris H.

CEMENTER D. Felio

TIME AM/PM	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
						Pipe on Btm, Break Circ.
7:40A	2500#					Pressure test
7:58A	200			3	4 1/2	Pump Fresh H ₂ O Spacer
8:00A	200			12	4 1/2	Pump 500gal ASF
8:04A	200			3	4 1/2	Pump Fresh H ₂ O Spacer
8:06A	200			56	5	Mix 200sv 'A' ASF cement Blend
8:28A						Stop Pump - Release Plug
8:23A	100			10	3 1/2	Start Disp. w/ Fresh H ₂ O - Wash up on Pl.
8:48A	600#			80	4 1/2	See increase in PSI
8:56A	1100			110	3	Slow Rate
9:00A	1800			121 1/2	3	Bump Plug
						Release PSI - Float Did Hold