



CEMENTING LOG

STAGE NO.

CEMENT DATA:

Spacer Type: _____
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG

LEAD: Pump Time _____ hrs. Type 6 3/4 490gal
 Excess _____

Amt. 205 Sks Yield 1.92 ft³/sk Density 13.8 PPG

TAIL: Pump Time _____ hrs. Type _____
 Excess _____

Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG

WATER: Lead 6-9 gals/sk Tail _____ gals/sk Total _____ Bbls.

Pump Trucks Used 409 - Nathan D

Bulk Equip. 410 - Jesse C

Float Equip: Manufacturer _____

Shoe: Type _____ Depth _____

Float: Type _____ Depth _____

Centralizers: Quantity _____ Plugs Top _____ Btm. _____

Stage Collars _____

Special Equip. _____

Disp. Fluid Type _____ Amt. _____ Bbls. Weight _____ PPG

Mud Type _____ Weight _____ PPG

Date 4-9-14 District Russell Ticket No. 55215
 Company Culbreath Oil & Gas Rig A Eagle #2
 Lease Tall Unit Well No. J-18
 County Graham State KS
 Location Wakeeney 14 N 12 W 22 Field _____
4W 12N Eints

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

Casing Depths: Top _____ Bottom _____

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size 7 7/8 T.D. 4110 ft. P.B. to _____ ft.

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

COMPANY REPRESENTATIVE Bruce Fisher CEMENTER [Signature]

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS	
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period		RATE Bbls Min.
5:53 AM		200		4		2 1/2	on location - safety meeting
		200		1 1/2		2 1/2	mix 25 sks @ 2260
6:47 AM				22			displace with water
		200		7		3 1/2	displace with mud
		200		17		3	pump water ahead @ 1360
7:31 AM		200		7		3 1/2	mix 100 sks
		200		7		3 1/2	displace with water
		200		7		2 1/2	mix 40 sks @ 310
			1		2 1/2	displace with water	
			2			mix 10 sks @ surf face (6.0)	
			5			mix 30 sks @ Rat hole	
						wash up	
						tear down	
						leave location	