

Date 6-26-13 District ML Ticket No. 59901
 Company R+B Oil & Gas Rig Shawnee
 Lease Colman Well No. _____
 County Barber State KS.
 Location _____ Field _____

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 5 1/2 Type _____ Weight 14.5 Collar _____

Casing Depths: Top _____ Bottom _____

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

CAPACITY FACTORS:
 Casing: Bbbs/Lin. ft. 20244 Lin. ft./Bbl. 42.95
 Open Holes: Bbbs/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbbs/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbbs/Lin. ft. 1307 Lin. ft./Bbl. 32.40
 Bbbs/Lin. ft. _____ Lin. ft./Bbl. _____

Perforations: From _____ ft. to _____ ft. Amt. _____

CEMENT DATA:
 Spacer Type: 25 F66 Fresh/6ec
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG _____

LEAD: Pump Time _____ hrs. Type 60:40:4%6ec
 Excess _____

Amt. 120 Sks Yield 1.40 ft³/sk Density 14.1 PPG

TAIL: Pump Time _____ hrs. Type _____
 Excess _____

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

WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbbs.

Pump Trucks Used 555-555 - Darin Franklin
 Bulk Equip. 364 Jason Thimesch

Float Equip: Manufacturer _____

Shoe: Type _____ Depth _____

Float: Type _____ Depth _____

Centralizers: Quantity _____ Plugs Top _____ Btm. _____

Stage Collars _____

Special Equip. _____

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

Mud Type _____ Weight _____ PPG

COMPANY REPRESENTATIVE _____

CEMENTER Phil Beldy

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS	
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period		RATE Bbbs Min.
						7 1/8 Hole + 5 1/2 casing	
						1 st plug 612'	
9:15 AM		170 150		20 32.46 41.46	20 12.46 9	4 4.5	load hole w/ 10 sk 6ec MIX 50 sk 60:40:4%6ec Displace with freshwater
9:30 AM							2 nd plug 297'
		100 100		53.97 55.97	12.46 2	3 3	load hole w/ freshwater MIX 50 sk 60:40:4%6ec Displace with freshwater
							3 rd plug
11:00 AM			60.92	5	2	load hole with freshwater MIX 20 sk 60:40:4%6ec circulate cement to surface	