

Date 1-23-11 District Greentown Ticket No. 61546
 Company American Warrior Rig Passway #3
 Lease 12 NA Well No. 1
 County Wess State KS
 Location Box 42.42 4N 1 1/2 W Field _____

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 5 1/8 Type new Weight 21.7 Collar 512

Casing Depths: Top _____ Bottom _____

Drill Pipe: Size 1 1/2 Weight 16.6 Collars 2-hdc
 Open Hole: Size 7 7/8 T.D. _____ ft. P.B. to _____ ft.

CAPACITY FACTORS:

Casing: Bbls/Lin. ft. .2637 Lin. ft./Bbl. 15.70
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. .2142 Lin. ft./Bbl. 70.32
 Annulus: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

CEMENT DATA:
 Spacer Type: Fresh water / native mud
 Amt. _____ Sks Yield _____ ft³/sk Density 5.34 PPG

LEAD: Pump Time _____ hrs. Type _____
 Excess _____

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

TAIL: Pump Time _____ hrs. Type 621 class A
404.222 4.1.921 1/4 F10 Excess _____

Amt. 250 Sks Yield 1.40 ft³/sk Density 14.5 PPG

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

Pump Trucks Used 398 - Ben N
 Bulk Equip. 1071 - 112 - Kevin W

Float Equip: Manufacturer _____

Shoe: Type _____ Depth _____

Float: Type _____ Depth _____

Centralizers: Quantity _____ Plugs Top _____ Btm. _____

Stage Collars _____

Special Equip. _____

Disp. Fluid Type Fresh water Amt. _____ Bbls. Weight 2.2 PPG

Mud Type NATIVE Weight 9.2 PPG

COMPANY REPRESENTATIVE _____

CEMENTER Russell

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	
						ON location - Rig up Had safety meeting
						Ran 4 1/2" 2 1/4" pipe fill hole with 4" pipe, milled Hook up cement pipe
						1. 1530 - 50 SKS
						2. 740 - 50 SKS
						3. 270 - 50 SKS
						4. 60 - 20 SKS
						5. BH - 30 SKS
						6. MH - 20 SKS
						plug down 9:30 AM
						Rig down

