



Date 06-27-13 District Liberal Ticket No. 52257  
 Company H-40 - Stratland Rig 14700  
 Lease Macy 1-13 Well No. 1-13  
 County Seward State Ks  
 Location N.W. Plains, Ashland Field Kirby

CASING DATA: Conductor  PTA  Squeeze  Misc   
 Surface  Intermediate  Production  Liner   
 Size 8 5/8 Type T 55 Weight 24 lb Collar \_\_\_\_\_

Casing Depths: Top \_\_\_\_\_ Bottom 1520 ft

Drill Pipe: Size \_\_\_\_\_ Weight \_\_\_\_\_ Collars \_\_\_\_\_  
 Open Hole: Size 12 1/4 T.D. \_\_\_\_\_ ft. P.B. to \_\_\_\_\_ ft.

CAPACITY FACTORS:  
 Casing: Bbls/Lin. ft. 0637 Lin. ft./Bbl. 15.698  
 Open Holes: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Drill Pipe: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Annulus: Bbls/Lin. ft. 0735 Lin. ft./Bbl. 13.605  
 Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Perforations: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Amt. \_\_\_\_\_

CEMENT DATA:  
 Spacer Type: H20-10 BBls  
 Amt. \_\_\_\_\_ Skys Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG

LEAD: Pump Time \_\_\_\_\_ hrs. Type \_\_\_\_\_  
 Excess \_\_\_\_\_  
 Amt. 625 Skys Yield 1.98 ft<sup>3</sup>/sk Density 12.8 PPG

TAIL: Pump Time \_\_\_\_\_ hrs. Type \_\_\_\_\_  
 Excess \_\_\_\_\_  
 Amt. 150 Skys Yield 1.17 ft<sup>3</sup>/sk Density 15.6 PPG  
 WATER: Lead 10.9 gals/sk Tail 5.2 gals/sk Total 180.77 Bbls.

Pump Trucks Used 531-541  
 Bulk Equip. Field Bin 556

Float Equip: Manufacturer Weatherford  
 Shoe: Type Guide Shoe Depth 1520 ft  
 Float: Type AFU Float Valve Depth 1478 ft  
 Centralizers: Quantity 5 Plugs Top 1 Btm. \_\_\_\_\_  
 Stage Collars \_\_\_\_\_  
 Special Equip. \_\_\_\_\_  
 Disp. Fluid Type H20 Amt. 94 Bbls. Weight \_\_\_\_\_ PPG  
 Mud Type \_\_\_\_\_ Weight 8.34 PPG

COMPANY REPRESENTATIVE Mark Bell

CEMENTER Ruben Chavez - Kirby

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS	
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period		RATE Bbls Min.
3:00						Got to location + rig up	
7:20						Pressure test lines at 2500 psi	
7:22		100		10	10	5	Pump 10 BBls H2O - Spacer
7:25		150		261.6	251.6	5	Start mixing + pumping 775 sk of cement (251.6 BBls slurry)
8:15		150		355.6	94	5	Drop plug on Start displacing
8:35		600 1100					finish displacing and Bump plug at 1100 psi
8:40							Release pressure and flow hold.  Circulate 2-3 BBls of slurry to pit.