

Date 11/20/11 District D. Kelly Ticket No. 063790
 Company Burco Rig Burco 1
 Lease Elsie Well No. 2-19
 County Finney State KS
 Location _____ Field _____

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

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 5 1/2 Type Reg Weight 25.1 Collar _____

LEAD: Pump Time 151 142 - 62 hrs. Type ALW 14 PLG - 1253
225 SK ASC Excess 12 102 - 12 52
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG _____
 TAIL: Pump Time _____ hrs. Type ALW - 150 SK
50 SK ASC Excess 12 102 - 12 52
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG _____
 WATER: Lead 10.8 gals/sk Tail 642 gals/sk Total _____ Bbls.

Casing Depths: Top 410 Bottom 5402

Pump Trucks Used 402-281
 Bulk Equip. 520
891

Drill Pipe: Size 4 1/2 Weight _____ Collars _____
 Open Hole: Size 5 7/8 T.D. _____ ft. P.B. to _____ ft.

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. 0.238 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. _____

Float Equip: Manufacturer _____
 Shoe: Type PCN Depth _____
 Float: Type _____ Depth _____
 Centralizers: Quantity 16 Plugs Top _____ Btm. _____
 Stage Collars 0
 Special Equip. 2 Benders
 Disp. Fluid Type HTG Amt. 50 Bbls. Weight _____ PPG _____
Big mud Weight 100 PPG _____

COMPANY REPRESENTATIVE _____

CEMENTER Calby

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
9:00 AM						On location, 5176 Mt., set up Ann Cas, Circulate Mix 125 ALW Mix 225 SK ASC Wash up Displace w/ H ₂ O
				33.0	3.0	
				35.9	3.0	
				50.0	5.0	
	12.00			68.0	4.0	Big mud Open 7001 - Gr. 8 hrs Mix 205 SK MT 30 SK AT Mix 300 SK ALW Mix 50 SK ASC Wash up Displace w/ H ₂ O Load Plug Tool closed Cement did simulate
	8.00			8.0	3.0	
				58.0	3.0	
				8.0	3.0	
	12.00			78.0	4.0	
	2.00					
9:30 AM						Job complete