



CEMENTING LOG

STAGE NO. _____

Date 8/10/13 District Oakley Ticket No. 061240
 Company Berco Rig Berco 10
 Lease Michael 1-22 Well No. 1-22
 County Newlin State KS
 Location _____ Field _____

CASING DATA: Conductor PTA Squeeze Misc.
 Surface Intermediate Production Liner
 Size 8 5/8 Type New Weight 21 Collar _____

Casing Depths: Top KB Bottom 311

Drill Pipe: Size 4 1/2 Weight _____ Collars _____
 Open Hole: Size 12 1/4 T.D. _____ ft. P.B. to _____ ft.

CAPACITY FACTORS:
 Casing: Bbbls/Lin. ft. 0637 Lin. ft./Bbl. _____
 Open Holes: Bbbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

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

LEAD: Pump Time _____ hrs. Type Cam Drill
270 gal Excess _____
 Amt. 225 Sks Yield 1.34 ft³/sk Density 15.02 PPG _____

TAIL: Pump Time _____ hrs. Type _____
 Excess _____
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG _____
 WATER: Lead 6.5 gals/sk Tail _____ gals/sk Total _____ Bbbls.

Pump Trucks Used 422
 Bulk Equip. 373

Float Equip: Manufacturer _____
 Shoe: Type _____ Depth _____
 Float: Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type H₂O Amt. 18.852 Bbbls. Weight 8.37 PPG _____
 Mud Type _____ Weight _____ PPG _____

COMPANY REPRESENTATIVE _____ CEMENTER AR

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbbls Min.	
<u>5:20</u>						<u>on location SPH Metz Setup</u>
						<u>Run Casing, Circulate</u>
	<u>6</u>			<u>34.83</u>	<u>3.0</u>	<u>mix cement</u>
	<u>6</u>				<u>5.0</u>	<u>Displace Cement</u>
<u>6:30</u>						<u>Shut in</u>
						<u>Job Complete</u>
						<u>Thank You</u>

FINAL DISP. PRESS: _____ PSI BUMP PLUG TO _____ PSI BLEEDBACK _____ BBLs. THANK YOU