

Date 2/21/15 District 24th Ticket No. 007780
 Company Quero Rig Barcelo
 Lease Powell Well No. 9-22
 County Franklin State Ky
 Location _____ Field _____

CEMENT DATA:

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

LEAD: Pump Time _____ hrs. Type ALW-200SK ASC
 Excess _____
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG

TAIL: Pump Time _____ hrs. Type ALW-300SK
50SK ASC Excess _____
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG

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

Pump Trucks Used 495-2P1
 Bulk Equip. 891
818

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

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 8 1/2 Type _____ Weight 15.1 Collar _____

Casing Depths: Top _____ Bottom _____

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

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. .023P 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. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

COMPANY REPRESENTATIVE _____

CEMENTER M

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	
						on location, setting misc. Setup
						Annulus Circulate
						Mix 25% ALW
						Mix 200SK ASC
						Wash Truck
				57.0		Displace H ₂ O
				20	4.0	Big Mud
				30		
				50		
				60		
				70		
				77		
						Lead Plug
						Open 100' - Circulate 4 hrs
						Mix 30% ALW
						200SK MH
						Mix 300 ALW Down 5' in
						Mix 50 SK ASC
						Wash Truck
				20		Displace w/ H ₂ O
				35		
				40		
				50		
						Lead Plug
						100' closed