

Date 1-30-15 District Oakley KS Ticket No. 164814
 Company Berardo Rig Berardo
 Lease Walker Well No. 10-20
 County Finnay State KS
 Location 10-23-32 Field _____

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 8 5/8 Type New Weight 24# Collar _____

Casing Depths: Top KB Bottom 1756'

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size 12 1/4 T.D. 1756 ft. P.B. to _____ ft.

CAPACITY FACTORS:
 Casing: Bbbs/Lin. ft. 206.37 Lin. ft./Bbl. _____
 Open Holes: Bbbs/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbbs/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbbs/Lin. ft. _____ Lin. ft./Bbl. _____
 Bbbs/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

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

LEAD: Pump Time _____ hrs. Type 65/35 6'
gel 3 1/2 CC 1/4# Flo-seal Excess _____
 Amt. 650 Skys Yield 1.97 ft³/sk Density 12.5 PPG

TAIL: Pump Time _____ hrs. Type Com 3 1/2 CC
 Excess _____
 Amt. 150 Skys Yield 1.18 ft³/sk Density 15.5 PPG
 WATER: Lead 10.7 gals/sk Tail 5.2 gals/sk Total _____ Bbbs.

Pump Trucks Used 431 - Brandon W
 Bulk Equip. 818/287 - George
544-198 - Brian Lang

Float Equip: Manufacturer Industrial / Weatherford
 Shoe: Type Guide shoe Depth 1756
 Float: Type AFU Flopper Float valve Depth 1714
 Centralizers: Quantity 3 Plugs Top Btm. _____

Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type water Amt. 109.18 Bbbs. Weight _____ PPG
 Mud Type 40 vis Weight _____ PPG

COMPANY REPRESENTATIVE _____

CEMENTER Paul Beaver

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbbs Min.	
4:50	200		165.57	165.57	6	Hold Safety meeting Run Pipe / Float equip Drop ball / pumped ball through @ 400# Circ 1 hr start cement mix 650 skys Lite @ 12.5# fall out 150 skys Com @ 15.5# stop cement release plug Displace w/ water
	200		18.57	184.16	6	
	200		10.0	194.16	4	
	200		10.0	204.16	4	
	200		10.0	214.16	4	
	200		10.0	224.16	4	
	200		10.0	234.16	4	
	300		10.0	244.16	4	
	300		10.0	254.16	4	
	400		10.0	264.16	4	
	400		10.0	274.16	4	
	500		10.0	284.16	3	
5:00	500		9.18	293.34	2	plug did land @ 700# Lift 500#