

Date 4-16-15 District Oakley, KS Ticket No. 64703
 Company Borex Co Rig Beredco 10
 Lease Judy Well No. 1-21
 County Roubidoux State KS
 Location 21-1-36 Field _____
McDonald rd to AA-34E, Nw 1/4

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size _____ Type _____ Weight _____ Collar _____

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

LEAD: Pump Time 144# flo-seal hrs. Type 60/40 49gel
 Amt. 255 Skys Yield 1.42 ft³/sk Density 13.8 PPG
 TAIL: Pump Time _____ hrs. Type _____
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG
 WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbls.

Casing Depths: Top _____ Bottom _____

Pump Trucks Used 422 - Wayne
 Bulk Equip. 818/287 - Darren

Drill Pipe: Size 4 1/2 Weight _____ Collars _____
 Open Hole: Size 7 7/8 T.D. 4550 ft. P.B. to 3166 ft.

Float Equip: Manufacturer _____
 Shoe: Type _____ Depth _____
 Float: Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type water/mud Amt. 329 Bbls. Weight _____ PPG
 Mud Type 3.0 / 34.91 Weight _____ PPG

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. 0.422 Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

COMPANY REPRESENTATIVE _____

CEMENTER LaRene

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
<u>5:30</u>				<u>50</u>		Start cement Hotel Safety meeting Start water spacer Start cement 50 sks 3166' weight cement 13.8 # Stop cement Pump water spacer Displace with mud Start water spacer Start cement 100 sks 2383' Stop cement Pump water spacer Displace with mud Start cement 50 sks 3531' Displace with water Plug 10 sks 401 w/ plug Plug 15 sks Plug 20 sks Wash up pump & lines
<u>6:30</u>				<u>1.0</u>		

Thank you
 [Signature]

Hold Safety meeting