

Date 9-2-15 District Oakley Ticket No. 06260
 Company Boreco Rig Boreco 1
 Lease Leona unit Well No. 11-1 R
 County Waskal State KS
 Location 1 2703 Field _____
Carbon city 5 to cl 1/4 W S + E 1/4

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

Casing Depths: Top 100 Bottom 1112 1/2

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size 12 1/4 T.D. 1112 1/2 ft. P.B. to _____ ft.

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. 0.637 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. _____
 Bbls/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 LITE 3 1/2 CC
1/4 Flg-seal Excess _____
 Amt. 550 Sks Yield 2.20 ft³/sk Density 12.07 PPG
 TAIL: Pump Time _____ hrs. Type COM 3 1/2 CC
 Excess _____
 Amt. 150 Sks Yield 1.33 ft³/sk Density 14.90 PPG
 WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbls.

Pump Trucks Used 431
 Bulk Equip. 818
705

Float Equip: Manufacturer Weatherford
 Shoe: Type Guide shoe Depth _____
 Float: Type Sh. T. U.S. 1/2 Depth _____
 Centralizers: Quantity 3 Plugs Top _____ Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type water Amt. 103.5 Bbls. Weight _____ PPG
 Mud Type _____ Weight _____ PPG

COMPANY REPRESENTATIVE _____ CEMENTER Andrew

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM (PM)	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	
<u>1:30</u>						<u>Start mixing cement down 8 5/8 casing</u> <u>Cement mixed</u> <u>Release plug</u> <u>start displacement</u>
				<u>10</u>		
				<u>10</u>		
				<u>10</u>		
	<u>400</u>			<u>10</u>		
				<u>10</u>		
				<u>10</u>		
	<u>800</u>			<u>10</u>		
				<u>10</u>		
	<u>800</u>			<u>4</u>		
	<u>1500</u>					<u>plug landed</u> <u>plug did not hold</u> <u>shot in</u>

FINAL DISP. PRESS: 800 PSI BUMP PLUG TO 1500 PSI BLEEDBACK 1/4 BBLs. THANK YOU