



CEMENTING LOG

STAGE NO. _____

Date 7-23-14 District Andover, KS Ticket No. 62845
 Company Topline Rig None 14
 Lease Schubert Well No. 350 14-24
 County Butcher State KS
 Location V. K. 24 Field 16-35-10

CEMENT DATA:
 Spacer Type: ASF 20 BRL
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG _____

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 7 Type _____ Weight 26 Collar _____

LEAD: Pump Time _____ hrs. Type 50:50:2% GtH
4% FL-160+ 1% C-51 Excess _____
 Amt. 140 Sks Yield 1.4 ft³/sk Density 13.6 PPG _____
 TAIL: Pump Time _____ hrs. Type Class A 1.8% FL-160+
2% CD-31 Excess _____
 Amt. 90 Sks Yield 1.18 ft³/sk Density 15.6 PPG _____
 WATER: Lead 6.75 gals/sk Tail 5.17 gals/sk Total _____ Bbls.

Casing Depths: Top _____ Bottom 5324

Pump Trucks Used 541/545
 Bulk Equip. 561/553

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size 8 3/4 T.D. 5371 ft. P.B. to _____ ft.

Floater Equip: Manufacturer _____
 Shoe: Type _____ Depth _____
 Floater: Type _____ Depth _____

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. _____ 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. _____

Centralizers: Quantity _____ Plugs Top _____ Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type _____ Amt. _____ Bbls. Weight _____ PPG _____
 Mud Type _____ Weight _____ PPG _____

COMPANY REPRESENTATIVE _____ CEMENTER Jason Thorsich

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	
<u>2:30 AM</u>						<u>On loc. safety meeting, spot in. Safety meeting.</u>
<u>11:00 AM</u>		<u>5000</u>		<u>4 BBL</u>	<u>24</u>	<u>Rig up, safety meeting, Running Casing</u>
<u>11:15 AM</u>		<u>400</u>		<u>20 BBL</u>	<u>4 1/2</u>	<u>Fire Lock on head</u>
<u>11:20 AM</u>		<u>500</u>		<u>35 BBL</u>	<u>4 1/2</u>	<u>Pump Spacer TOS 2741</u>
<u>11:29 AM</u>		<u>350</u>		<u>19 BBL</u>	<u>4</u>	<u>Mix Pump Release slurry TOS 3487</u>
<u>11:34 AM</u>						<u>Mix Pump TL cement slurry TOS 4793</u>
<u>11:34 AM</u>						<u>shut down Release Plug</u>
<u>11:39 AM</u>		<u>500</u>			<u>8</u>	<u>Start Displacement</u>
		<u>600</u>		<u>70 BBL</u>	<u>8</u>	
		<u>700</u>		<u>110 BBL</u>	<u>8</u>	
		<u>900</u>		<u>130 BBL</u>	<u>9</u>	
		<u>1000</u>		<u>150 BBL</u>	<u>8 1/2</u>	
		<u>900</u>		<u>170 BBL</u>	<u>5</u>	
		<u>800</u>		<u>180 BBL</u>	<u>3</u>	<u>Slow to Pump</u>
		<u>900</u>		<u>190 BBL</u>	<u>3</u>	
<u>12:15 PM</u>		<u>1400</u>		<u>192 BBL</u>	<u>0</u>	<u>Pump Plug</u>
						<u>Release</u>
						<u>Flt hold</u>

FINAL DISP. PRESS: 900 PSI BUMP PLUG TO 1400 PSI BLEEDBACK 1 BBLs. THANK YOU