



CEMENTING LOG

STAGE NO. 1

Date 12-12-13 District Green Bay Ticket No. 01535
 Company American Well Rig Duke 5
 Lease OBiore-Lake Well No. 1-4
 County Gray State KS
 Location Highway 156 & Hurler Rd Field _____
105 2E 41270

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

Casing Depths: Top KB Bottom 4135.50

Drill Pipe: Size 4 1/2 Weight 16.6 Collars 275
 Open Hole: Size 17 1/4 T.D. _____ ft. P.B. to _____ ft.

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. 10637 Lin. ft./Bbl. 15.70
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. 10142 Lin. ft./Bbl. 170.32
 Annulus: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

CEMENT DATA:
 Spacer Type: Reshwar
 Amt. 56615 Sks Yield 15 ft³/sk Density 9.34 PPG

LEAD: Pump Time _____ hrs. Type _____
 Excess _____

Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG

TAIL: Pump Time _____ hrs. Type 1999A12
 Amt. 275 Sks Yield 1.34 ft³/sk Density 15.2 PPG

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

Pump Trucks Used 366 - Ben V
 Bulk Equip. 344-170 - Kenia

Float Equip: Manufacturer _____
 Shoe: Type _____ Depth _____
 Float: Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type Reshwar Amt. _____ Bbls. Weight 9.2 PPG
 Mud Type Mud 1.20 Weight 9.2 PPG

COMPANY REPRESENTATIVE _____

CEMENTER Dustin

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
						DN location - Rig 110 Had safety meeting
						Run 5 5/8 casing Break circulation with Rig mud Hookup cement pump
				56615		pump 56615 Reshwar ahead
			70.62	65.62		Mix 275 Sks cement
			97.62	27.00		Displace 27 bbls Reshwar & shut in
						Cement did circulate
						plug Down 12:00 AM
						Rig Down

Date 10-27-17 District Cement Products Ticket No. 61939
 Company American wellbore Rig Duke #5
 Lease Obryne - Gray Well No. 1-4
 County Osage State KS
 Location Hwy 196 & Hallick Rd Field _____
104 2E 9250

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 6 5/8 Type _____ Weight _____ Collar _____

Casing Depths: Top _____ Bottom _____

Drill Pipe: Size 4 1/2 Weight 16.6 Collars X Late
 Open Hole: Size 7 1/8 T.D. _____ ft. P.B. to _____ ft.

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. 0.2637 Lin. ft./Bbl. 19.72
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. 0.2142 Lin. ft./Bbl. 70.32
 Annulus: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

CEMENT DATA:
 Spacer Type: Fracturing
 Amt. _____ Skys Yield _____ ft³/sk Density 60.30 PPG

LEAD: Pump Time _____ hrs. Type _____
 Excess _____

Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG

TAIL: Pump Time _____ hrs. Type 60% class A
409.202 4.4 gal 4.45 Excess _____

Amt. 250 Skys Yield 1.42 ft³/sk Density 14.5 PPG

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

Pump Trucks Used 3946 - Mike S
 Bulk Equip. 3442-70 - Kevin W

Float Equip: Manufacturer _____

Shoe: Type _____ Depth _____

Float: Type _____ Depth _____

Centralizers: Quantity _____ Plugs Top _____ Btm. _____

Stage Collars _____

Special Equip. _____

Disp. Fluid Type Fracturing Amt. _____ Bbbs. Weight 2.74 PPG

Mud Type Native Weight 9.2 PPG

COMPANY REPRESENTATIVE _____

CEMENTER Dustin

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	
6:30 AM						ON location - Rig up Had 99 Galy Meeting
8:00 AM						Ran 4 1/2 Drill pipe Cill hole with Big pump Hooking cement pump
9:00 AM						1. 1950-50SKS
9:20 AM						2. 1100-50SKS
10:00 AM						3. 470-50SKS
10:30 AM						4. 60-20SKS
11:00 AM						5. 24-30SKS
11:00 AM						6. MH-20SKS
						plug Down - 11:00 AM

FINAL DISP. PRESS: _____ PSI BUMP PLUG TO _____ PSI BLEEDBACK _____ BBLs. THANK YOU