

CEMENTING LOG

Date 11/12/2014 District Liberal # 21 Ticket No. 61716
 Company American Warrior Rig Duke #9
 Lease KleySteuber Well No 1-3
 County Haskell State Ks
 Location _____
 Field _____
 Casing Data Conductor FTA Squeeze Misc.
 Surface Intermediate Production Liner
 Size 8 5/8 Type _____ Weight 24# Collar _____

CEMENT DATA

Spacer Type H2O
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG
10 bbls
 LEAD: Time _____ hrs. Type 65/35 6% Gel 3%CC
.5# Floeal Excess _____
 Amt. 625 Sks Yield 2 ft³/sk Density 12.4 PPG
 TAIL: Time _____ hrs. Type Class A 3% CC 1/4# Flo Seal
 Excess _____
 Amt. 200 Sks Yield 1.21 ft³/sk Density 15.6 PPG
 WATER Lead 10.9 Gal/sk Tail 5.2 Gal/sk Total _____ BBLs
 Pump Trucks Used: 549-550
 Bulk Equipment 994-642
869-1660

Casing Depths Top _____ Bottom 1780

Drill Pipe: BBLs/LIN. FT _____ LIN. FT/BBL _____
 Open Hole: BBLs/LIN. FT _____ LIN. FT/BBL _____
 Capacity Factors: BBLs/LIN. FT _____ LIN. FT/BBL _____
 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 _____
 BBLs/LIN. FT _____ LIN. FT/BBL _____
 Perforations From _____ ft to _____ ft Amt _____

Float Equipment: Manufacturer _____
 Shoe: Type _____ Depth _____
 Float: Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Bottom _____
 Stage Collars _____
 Special Equipment _____
 Disp: Fluid Type _____ Amt _____ bbls Weight _____ PPG
 Mud Type _____ Weight _____

COMPANY REPRESENTATIVE _____ CEMENTER Lenny Baeza

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	PUMPED PER TIME PERIOD	
						On location @ 6:30pm
9:30pm						Rigging up to the well head
10:55pm		1500				Pressure test lines
10:58pm		250		10	4	Pumping 10 bbls of water ahead
11:03pm		240		232	6	Mixing cement 625sk @ 12.4#
11:40pm		200		265	4	Mixing cement 200sk @ 15.6#
12:00am		0		265	0	Shut down and releases the plug
12:02am		80		265	3	Plug left the head started displacement of 106 bbls
12:10am		240		305	5	40bbls gone
12:18am		370		325	6	60bbls gone
12:24am		500		345	6	80bbls gone
12:28am		620		365	6	100bbls gone
12:32am		1300		375	3	110bbls gone and landed the plug 1300 psi
		0		0	0	Release the psi and float is not holding shutting down well with 500psi 30 bbls of cement to surface rigging up
						Leaving location @ (11-13-14 2:00am)



CEMENTING LOG

Date **11/20/2014** District **Liberal # 21** Ticket No. **61692**
 Company **American Warrior** Rig **Duke # 9**
 Lease **KLEYTEUBER** Well No **1-3**
 County **HASKELL** State **Ks**

Location _____
 Field _____
 Casing Data Conductor PTA Squeeze Misc.
 Surface Intermediate Production Liner
 Size **8 5/8** Type _____ Weight **24** Collar _____

Casing Depths Top _____ Bottom **1770**

Drill Pipe:	BBLS/LIN. FT	_____	LIN. FT/BBL	_____
Open Hole:	BBLS/LIN. FT	0.1458	LIN. FT/BBL	_____
Capacity Factors:	BBLS/LIN. FT	_____	LIN. FT/BBL	_____
Casing	BBLS/LIN. FT	_____	LIN. FT/BBL	_____
Open Holes	BBLS/LIN. FT	_____	LIN. FT/BBL	_____
Drill Pipe	BBLS/LIN. FT	0.01422	LIN. FT/BBL	_____
Annulus	BBLS/LIN. FT	0.044	LIN. FT/BBL	_____
	BBLS/LIN. FT	_____	LIN. FT/BBL	_____
Perforations	From _____	ft to _____	ft	Amt _____

CEMENT DATA

Spacer Type _____ **10 bbl water**
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG _____

LEAD: Time _____ hrs. Type **CLASS A**
60/40, 6% GEL Excess _____
 Amt. **160** Sks Yield **1.5** ft³/sk Density **13.5** PPG
 TAIL: Time _____ hrs. Type _____

Excess _____
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG
 WATER Lead **7.5** Gal/sk Tail _____ Gal/sk Total _____ BBLs

Pump Trucks Used: **903-501**
 Bulk Equipment _____
705-842

Float Equipment: Manufacturer _____
 Shoe: Type _____ Depth _____
 Float: Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Bottom _____
 Stage Collars _____
 Special Equipment _____
 Disp: Fluid Type _____ Amt _____ bbls Weight _____ PPG
 Mud Type _____ Weight _____

COMPANY REPRESENTATIVE _____

CEMENTER **ALDO ESPINOZA**

TIME AM/PM	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	PUMPED PER TIME PERIOD	RATE BBLs/MIN	
1000PM						ARRIVE TO LOCATION 1000PM 11-19-14
1030PM						RIG UP
1150PM						SAFETY MEETING
1155PM						FIRST PLUG, @ 1770FT, 10 BBL OF WATER AHEAD, 13.3 BBL OF SLURRY, 2 BBL OF WATER BEHAIKD,17.7 BBL OF DISPLACEMENT W/MUD
1208AM						SECOND PLUG@930 FT, 10.6 BBL OF SLURRY, 10 BBL OF DISPLACEMENT
130AM						SURFACE PLUG @ 60FT, 5 BBL OF SLURRY.
140AM						RAT HOLE, 8 BBL OF SLURRY
150A M						MOUSE HOLE, 5 BBL OF SLURRY
215AM						RIG DOWN
300AM						LEAVE LOCATION

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