



CEMENTING LOG

Date 1/8/2015 District Liberal # 21 Ticket No. 64588
 Company American Warrior Rig Duke # 10
 Lease O'Brate Well No 3-5
 County Finney 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 1646

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 _____

CEMENT DATA

Spacer Type H2O
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG
10 bbls

LEAD: Time _____ hrs. Type 60/40 4% Gel 1/4# Flo Seal

Excess _____
 Amt. 270 Sks Yield 1.51 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: 549-550

Bulk Equipment _____

955-692

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
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	PUMPED PER TIME PERIOD	RATE BBLs/MIN	
10:00am						On location @ 10:00am
11:40am	80		10		3	10 bbls of water ahead
11:43am	90		23		4	First Plug @ 1980' 50sk plug
11:48am	100		44		4	Started displacement of 24 bbls of MUD Plug balanced off and pulling to the next plug @1650'
12:21pm	75		45		3	10 bbls of water ahead
12:24pm	110		58		4	Second Plug @ 1650 50sk plug
12:31pm	60		78		4	20bbls displacement of MUD
1:10pm	80		128		6	3rd plug @ 1000' 50 bbls of water to clean well
1:18pm	50		141		4	mixing 50 sk plug
1:21pm	0		151		4	Displacement of 10 bbls
1:29pm	80		161		4	4th Plug @ 500' 10 bbls of water ahead
1:31pm	50		174		4	Mixing 50sk of cement
1:35pm	0		177		3	displacement of 3 bbls
1:55pm	80		182		3	5th plug @ 60' 5 bbls of water ahead
1:58pm	50		187		3	mixing 20sk of cement cement to surface
2:05pm	50		195		3	Plugging up Rat hole with 30 sk of cement
2:15pm	40		200		3	Plugging up Mouse hole with 20 sk of cement
						Washing up to the pits and leaving location @ 3:30pm

FINAL DISP. PRESS. 470 PSI BUMP PLUG TO 0 PSI BLEEDBACK 0 BBLs **THANK YOU**

Date 12/31/2014 District Liberal # 21 Ticket No. 64585
 Company American Warrior Rig Duke # 10
 Lease O'Brate Well No 3-5
 County Finney State Ks
 Location _____
 Field _____
 Casing Data Conductor PTA Squeeze Misc.
 Surface Intermediate Production Liner
 Size 8 5/8 Type _____ Weight 24# Collar _____

CEMENT DATA

Spacer Type _____ H2O
 Amt. _____ Sks Yield _____ ft*/sk Density _____ PPG
10 bbls
 LEAD: Time _____ hrs. Type 65/35 6% Gel 3%CC
.5# Floseal Excess _____
 Amt. 625 Sks Yield 2 ft*/sk Density 12.4 PPG
 TAIL: Time _____ hrs. Type Class A 3% CC 1/4# Flo Seal
 Excess _____
 Amt. 200 Sks Yield 1.21 ft*/sk Density 15.6 PPG
 WATER Lead 10.9 Gal/sk Tail 5.2 Gal/sk Total _____ BBLs

Casing Depths Top _____ Bottom 1646

Pump Trucks Used: 549-550
 Bulk Equipment 993-1066
994-642

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 Weather Ford
 Shoe: Type Guide Shoe Depth _____
 Float: Type AFU insert float Depth _____
 Centralizers: Quantity 3 Plugs Top _____ Bottom _____
 Stage Collars _____
 Special Equipment _____
 Disp: Fluid Type H2O Amt 102 bbls Weight 8.3 PPG
 Mud Type _____ Weight _____

COMPANY REPRESENTATIVE _____ CEMENTER Lenny Baeza

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	PUMPED PER TIME PERIOD	RATE BBLs/MIN	
9:00pm						On location @ 9:00pm
12:30am						Rigging up to the well head
1:10am						Pressure test lines
1:19am	240		10		4	Pumping 10 bbls of water ahead
1:21am	220		232		6	Mixing cement 625sk @12.4#
1:53am	190		274		4	Mixing cement 200sk @ 15.6#
2:05am	0		274		0	Shut down and releases the plug
2:10am	40		274		3	Plug left the head started displacement of 102bbls
2:20am	120		314		4	40bbls gone
2:25am	160		334		4	60bbls gone
2:30am	330		354		5	80bbls gone
2:35am	474		374		5	100bbls gone
2:40am	470		377		3	102 bbls gone and never landed the plug asked and pumping 1 bbls more which is 1/2 shoe and never saw plug closed well with 450psi
			0		0	
						had 100 bbls of cement to surface
						Rigging up @ 2:50am
						Leaving location @ 3:30am

FINAL DISP. PRESS. 470 PSI BUMP PLUG TO 0 PSI BLEEDBACK 0 BBLs **THANK YOU**