

CEMENTING LOG

Date 11/25/2014 District Liberal # 21 Ticket No. 64508
 Company American Warrior Rig Duke #10
 Lease Ward Well No 1-2
 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 _____

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 0.01422 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: Time _____ hrs. Type Allied 60/40 Poz

2% Premium Gel Excess _____
 Amt. 210 Sks Yield 1.5 ft³/sk Density 13.5 PPG

TAIL: Time _____ hrs. Type _____
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG

WATER Lead 7.5 Gal/sk Tail _____ Gal/sk Total 28 BBLs

Pump Trucks Used: 531-541
 Bulk Equipment 868-467

Float Equipment: Manufacturer _____
 Shoe: Type _____ Depth _____
 Float: Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Bottom _____
 Stage Collars _____
 Special Equipment _____
 Disp: Fluid Type H2O & Mud Amt _____ bbls Weight _____ PPG
 Mud Type _____ Weight 9.5

COMPANY REPRESENTATIVE _____ CEMENTER Edgar A. Rodriguez

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	PUMPED PER TIME PERIOD	RATE BBLs/MIN	
8:00 am						Arrive on location
8:15						Spot equipment and rig up
9:45						Rig done going in with drillpipe
10:10						Safety meeting
						1st plug @1740'
10:35	130		13		3	50 sks of cmt (13 bbls @13.5)
10:40	90		21.5		3	21.5 bbls of mud displacement
10:47						Come out of hole with drillpipe
						2nd plug @960'
11:35	90		13		3	50 sks of cmt (13 bbls @13.5)
11:40	90		10		3	10 bbls of water displacement
11:44						Come out of hole with drillpipe
						3rd plug @390'
12:12 pm	90		10.5		3	40 sks of cmt (10.5 bbls @13.5)
12:15	90		3		3	3 bbls of water displacement
12:16						Come out of hole with drillpipe
						4th plug @60'
12:36	90		5		3	20 sks of cmt (5 bbls @13.5)
12:38						Come out of hole with drillpipe
						Rat & Mouse hole
12:57	90		13		2	50 sks of cmt (13 bbls @13.5)
1:12						Clean lines and truck
1:35						End job
1:40						Rig down equipment
2:30						Crew leave location

FINAL DISP. PRESS. 90 PSI BUMP PLUG TO _____ PSI BLEEDBACK _____ BBLs **THANK YOU**