

# CEMENTING LOG

Date 3/30/2014 District Liberal # 21 Ticket No. 53092  
 Company American Warrior Rig Duke # 10  
 Lease clark Well No 2-2  
 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 1697

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 <u>0.0637</u>	LIN. FT/BBL _____
Open Holes	BBLS/LIN. FT _____	LIN. FT/BBL _____
Drill Pipe	BBLS/LIN. FT _____	LIN. FT/BBL _____
Annulus	BBLS/LIN. FT <u>0.0735</u>	LIN. FT/BBL <u>13.6037</u>
Perforations	From _____ ft to _____ ft	Amt _____

## CEMENT DATA

Spacer Type \_\_\_\_\_ 10 bbl water  
 Amt. \_\_\_\_\_ Sks Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG

LEAD: Time \_\_\_\_\_ hrs. Type CLASS A  
65/35, 6%GEL, 1/4FLOSEAL Excess 50%

Amt. 625 Sks Yield 2 ft<sup>3</sup>/sk Density 12.46 PPG

TAIL: Time \_\_\_\_\_ hrs. Type CLASS A

3%cc, 1/4 floseal Excess \_\_\_\_\_

Amt. 200 Sks Yield 1.2 ft<sup>3</sup>/sk Density 15.63 PPG

WATER Lead 10.9 Gal/sk Tail 5.2 Gal/sk Total \_\_\_\_\_ BBLs

Pump Trucks Used: 531-541

Bulk Equipment 562-467  
869-841

Float Equipment: Manufacturer WEATHERFORD

Shoe: Type GUIDE SHOE Depth 1697

Float: Type AFU Insert Valve Depth 1656

Centralizers: Quantity 3 Plugs Top 1 Bottom \_\_\_\_\_

Stage Collars \_\_\_\_\_

Special Equipment Cement Basket @ 680ft

Disp: Fluid Type H2O Amt 105.5 bbls Weight 8.34 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	
1230AM						ARRIVE TO LOCATION -- RUN FLOAT EQUIPMENT
200AM						RIG UP
230AM						CASING ON BOTTOM, RIG UP HEAD TO CIRCULATE
330AM						SAFETY MEETING
340AM	2400		1			PRESSURE TEST
341AM	20		11		6	10 BBL WATER SPACER
346AM	30		234		6	PUMP 223 BBL OF LEAD SLURRY CEMENT
432AM	50		277		6	PUMP 43 BBL OF TAIL SLURRY CEMENT
450AM					4	RELEASE PLUG- START DISPLACEMENT
455AM	80		297		5	20 BBL GONE
500AM	160		317		5	40 BBL GONE
505AM	270		337		5	60BBLGONE
511AM	460		357		5	80 BBL GONE
515AM	480		377		3	100 BBL GONE SLOW DOWN TO 3 BPM
520AM	1100		382		3	BUMP PLUG
525AM						RELEASE PRESSURE, CHECK FLOATS
535AM						RIG DOWN
630AM						LEAVE LOCATION
						136 BBL OF CEMENT BACK
						BY EMIGDIO'S REQUEST MIX LEAD SLURRY @ 13 # / G
						LEAVE PLUG CONTAINER AND MANIFOLD ON CASING

FINAL DISP. PRESS. 480 PSI BUMP PLUG TO 1100 PSI BLEEDBACK 0.5 BBLs **THANK YOU**



# CEMENTING LOG

Date 4/6/2014 District Liberal # 21 Ticket No. 53095  
 Company American Warrior Rig Duke # 10  
 Lease clark Well No 2-2  
 County Finney State Ks

### CEMENT DATA

Spacer Type 10 bbl water  
 Amt. \_\_\_\_\_ Sks Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG

Location \_\_\_\_\_  
 Field \_\_\_\_\_

LEAD: Time \_\_\_\_\_ hrs. Type CLASS A  
60/40, 6% GEL Excess \_\_\_\_\_

Casing Data  Conductor  PTA  Squeeze  Misc.  
 Surface  Intermediate  Production  Liner  
 Size 8 5/8 Type \_\_\_\_\_ Weight 24 Collar \_\_\_\_\_

Amt. 230 Sks Yield 1.42 ft<sup>3</sup>/sk Density 13.8 PPG  
 TAIL: Time \_\_\_\_\_ hrs. Type \_\_\_\_\_ Excess \_\_\_\_\_

Amt. \_\_\_\_\_ Sks Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG  
 WATER Lead 6.9 Gal/sk Tail \_\_\_\_\_ Gal/sk Total \_\_\_\_\_ BBLs

Casing Depths Top \_\_\_\_\_ Bottom 1950

Pump Trucks Used: 531-541  
 Bulk Equipment \_\_\_\_\_  
869-841

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 \_\_\_\_\_  
 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 ALDO ESPINOZA

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	PUMPED PER TIME PERIOD	RATE BBLs/MIN	
130PM						ARRIVE TO LOCATION
200PM						RIG UP
300PM						SAFETY MEETING
330PM	30		10			PUMP 10 BBL OF FRESH WATER @ 1950 FT
335PM	30		47			PUMP 37 BBL OF SLURRY CEMENT WITH 2 BBL BEHIND
349PM	30		69			PUMP 22 BBL OF MUD TO DISPLACE DRILL PIPE
420PM	30		81.6			PUMP 12.6 BBL OF SLURRY CEMENT @ 990 FT
425PM	30		92.5			DISPLACE 10.9 BBL OF WATER TO DISPLACE DRILL PIPE
447PM	40		102.5			PUMP 10 BBL OF SLURRY CEMENT @ 400 FT
450PM	30		105.7			DISPLACE 3.2 BBL OF WATER TO DISPLACE DRILL PIPE
505PM	30		110.7			PUMP 5 BBL OF SLURRY CEMENT @ 60 FT
515PM	10		118.2			PUMP 7.5 BBL OF SLURRY CEMENT TO RAT HOLE
523PM	10		123.2			PUMP 5 BBL OF SLURRY CEMENT TO MOUSE HOLE
530PM						DONE
600PM						RIG UP
630PM						LEAVE LOCATION
						THANK YOU

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