

Date 5/7/2014 District Liberal # 21 Ticket No. 53125
 Company AMERICAN WARRIOR Rig DUKE # 10
 Lease IRISH-FINNEY Well No 1-23
 County FINNEY CO. State KS.
 Location _____

Field _____
 Casing Data Conductor PTA Squeeze Misc.
 Surface Intermediate Production Liner
 Size 10 5/8 Type _____ Weight 24# Collar _____

Casing Depths Top _____ Bottom 1697 ft.

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 0.0637 LIN. FT/BBL 15.698
 Open Holes BBLS/LIN. FT _____ LIN. FT/BBL _____
 Drill Pipe BBLS/LIN. FT _____ LIN. FT/BBL _____
 Annulus BBLS/LIN. FT 0.0735 LIN. FT/BBL 13.605
 BBLS/LIN. FT _____ LIN. FT/BBL _____
 Perforations From _____ ft to _____ ft Amt _____

CEMENT DATA

Spacer Type 5 BBLs H2O
 Amt. _____ Skes Yield _____ ft³/sk Density 8.34 PPG _____

LEAD: Time _____ hrs. Type 65/35/6%GEL
3%CC, .5%LB/SK FLOSEAL Excess 100%

Amt. 625 Skes Yield 2 ft³/sk Density 12.46 PPG _____
 TAIL: Time _____ hrs. Type CLASS A NEAT

Excess 100%
 Amt. 200 Skes Yield 1.2 ft³/sk Density 15.6 PPG _____
 WATER Lead 10.9 Gal/sk Tail 5.2 Gal/sk Total 161.7 BBLs

Pump Trucks Used: 531-541

Bulk Equipment 869-841
868-842

Float Equipment: Manufacturer WEATHERFORD

Shoe: Type GUIDESHOE Depth 1697FT.

Float: Type AFU INSERT FLOAT Depth 1654.75FT.

Centralizers: Quantity 3 Plugs Top 1 Bottom _____

Stage Collars _____

Special Equipment 1 CEMENT BASKET

Disp: Fluid Type H2O Amt 105.4 bbls Weight 8.34 PPG _____

Mud Type _____ Weight _____

COMPANY REPRESENTATIVE ALEX.

CEMENTER Ruben Chavez

TIME AM/PM	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	PUMPED PER TIME PERIOD	RATE BBLs/MIN	
1:30a.m.						Got To Location Spot Trucks, And Rig Up.
3:35						Have A Pre-job Safety Meeting
3:52			2	2	2	pu mp 2bb s h2o to fill up pumping lines
3:54			5	3	2	Pressure test 2500 psi, then pump 3 bbls h2o spacer
3:58			227.6	222.6	7	Start pumping lead cement 625 sk.
4:30			270.3	42.7	5	start pumping tail cement 200 sk.
4:39						shut down
						wash pump
4:42						Drop plug
4:42			365.3	95	7	start displacement
4:56			376.3	11	3	slow down pump rate
5:50						Finished displacement and bump the plug at 1100 psi.
5:55						Release pressure, float held good
						Circulate to pit 40 bbls slurry
						job finished
						rig down
						thankyou

FINAL DISP. PRESS. 600 PSI BUMP PLUG TO 1100 PSI BLEEDBACK 2-Jan BBLs **THANK YOU**



CEMENTING LOG

Date 5/14/2014 District Liberal # 21 Ticket No. 53129
 Company AMERICAN WARRIOR Rig DUKE # 10
 Lease IRISK FINNEY Well No 1-23
 County FINNEY CO. 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 1654.75FT.

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 0.0637 LIN. FT/BBL 15.698
 Open Holes BBLs/LIN. FT _____ LIN. FT/BBL _____
 Drill Pipe BBLs/LIN. FT 0.0406 LIN. FT/BBL 24.63
 Annulus BBLs/LIN. FT 0.044 LIN. FT/BBL 22.727
 Perforations From _____ ft to _____ ft Amt _____

CEMENT DATA

Spacer Type 10 BBLs H2O
 Amt. _____ Sks Yield _____ ft³/sk Density 8.34 PPG

LEAD: Time _____ hrs. Type 60/40/4%GEL
 Excess _____

Amt. 210 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: 531-541
 Bulk Equipment 774-744

Float Equipment: Manufacturer _____
 Shoe: Type _____ Depth _____
 Float: Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Bottom _____
 Stage Collars _____
 Special Equipment _____
 Disp: Fluid Type H2O Amt _____ bbls Weight 8.4 PPG
 Mud Type _____ Weight _____

COMPANY REPRESENTATIVE ALEJANDRO CEMENTER Ruben Chavez

TIME AM/PM	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	PUMPED PER TIME PERIOD	RATE BBLs/MIN	
2:00						Got To Location Spot Trucks, And Rig Up.
2:20						Have A Pre-job Safety Meeting
2:30	200		2	2	2	pu mp 2bb s h2o to fill up pumping lines
2:33						pressure test to 1000 psi
2:35	200		10	8	3	start pumping 8 BBLs H2O AHEAD
2:40	200		36.7	26.7	4	Start pumping 100 sk cement ay 2050 ft. 26.7 bbls slurry
al	0		58.7	22	4	displace with 2.5 bbls h2o and 19.5 bbls mud pumped with rig
3:35	50		72	13.3	4	Pump 50 sk cement at 1030 ft. 13.3 bbls slurry
3:40	0		83.3	11.3	4	displace with 11.3 bbls h2o
4:30			88.6	5.3	3	Pump 2o sk. Cement at 60 ft. 5.3 bbls slurry
4:35			96.6	8	3	Start pumping 30 sk. At rat hole 8.0 bbls slurry.
4:40			101.9	5.3	3	Start pumping 20 sk. At mouse hole 5.3 bbls slurry
						Wash pump lines
						Job finished
						Rig down
						Thankyou.

FINAL DISP. PRESS. _____ PSI BUMP PLUG TO 1000 PSI BLEEDBACK Pre BBLs **THANK YOU**