



CEMENTING LOG

Date 1/21/2014 District Liberal # 21 Ticket No. 52506
 Company Palmer Oil Rig Duke #
 Lease UPC Well No 23-7
 County Stevens 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 _____
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG
 LEAD: Time _____ hrs. Type 65/35 6% gel 3% CC
.25# Flo Seal Excess _____
 Amt. 625 Sks Yield 1.97 ft³/sk Density 12.4 PPG
 TAIL: Time _____ hrs. Type Class A 3% CC .25# Flo Seal
 Excess _____
 Amt. 200 Sks Yield 1.18 ft³/sk Density 15.6 PPG
 WATER Lead 10.9 Gal/sk Tail 5.3 Gal/sk Total _____ BBLs

Casing Depths Top _____ Bottom 1746

Pump Trucks Used: 549-550
 Bulk Equipment 774-744
869-841

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 _____
 Perforations From _____ ft to _____ ft Amt _____

Float Equipment: Manufacturer Weather Ford
 Shoe: Type Guide Shoe Depth 1746
 Float: Type Insert Float Depth 1703
 Centralizers: Quantity 3 Plugs Top _____ Bottom _____
 Stage Collars _____
 Special Equipment _____
 Disp: Fluid Type H2O Amt 108 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	
7:00pm						On location at 7:00pm
10:25pm	350		20		5	Rigging up to well head and 20 bbls of H2O ahead of cement
10:33pm	200		239		6	Mixing lead cement @ 12.4 bbs
10:55pm	200		263		5	End of cement now mixing tail cement @ 15.6
11:08pm	200		263			Shut down end of tail cement and dropping the plug
11:10pm	150		263		3	Plug left the head and total displacement of 108 bbls
11:24pm	340		318		5	55bbls gone and we have cement to surface really good cement
11:35pm	550		368		3	100 bbls gone and slowed down to land the plug 3bpm
11:40	600		376		3	108 bbls gone and landed the plug 1100 psi and holding total of 45 bbls of cement to surface released the psi and .5 bbls return of h2o
						Thank you!!!!!!!!!!!!!!!!!!!!!!!!!!!!

FINAL DISP. PRESS. 700 PSI BUMP PLUG TO 1200 PSI BLEEDBACK 0.5 BBLs THANK YOU



CEMENTING LOG

Date 2/1/2014 District Liberal # 21 Ticket No. 52411
 Company Palmer Oil Rig Duke 9
 Lease Upc Well No 23-7
 County Stevens State Ks
 Location _____
 Field _____
 Casing Data
 Size 8 5/8 Type k-55 Weight 24 Collar _____

CEMENT DATA

Spacer Type Fresh water
 Amt. _____ Sks Yield _____ ft³/sk Density 8.33 PPG
 LEAD: Time _____ hrs. Type 60/40 Standard Cmt
4% gel Excess _____
 Amt. 170 Sks Yield 1.56 ft³/sk Density 13.5 PPG
 TAIL: Time _____ hrs. Type _____
 Excess 100%
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG
 WATER Lead 5.2 Gal/sk Tail _____ Gal/sk Total 12 BBLs

4 1/2 16.6# Drillpipe

Casing Depths Top 0 Bottom 1746

Pump Trucks Used: 869-841

Bulk Equipment _____

Drill Pipe: BBLS/LIN. FT 0.01422 LIN. FT/BBL _____
 Open Hole: BBLS/LIN. FT 0.044 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 _____
 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 WBM / H2O Amt _____ bbls Weight _____ PPG
 Mud Type _____ Weight _____

COMPANY REPRESENTATIVE _____

CEMENTER Edgar Rodriguez

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	PUMPED PER TIME PERIOD	RATE BBLs/MIN	
5:00 a						Got to location & spotted trucks
5:15						Rigged Up Trucks
6:40						Performed pre-job safety meeting
6:52	30		14		3.5	Pump 50 sks of cmt (14 bbls @13.5) Plug @1770 ft
6:59	30		22		3.5	Pump 22 bbls of displacement with mud
7:08						Shutdown / Come out of hole with drillpipe
7:57	30		14		3.5	Pump 50 sks of cmt (14 bbls @13.5) Plug @664 ft
8:02	30		6		3.5	Pump 6 bbls of displacement with fresh water
8:05						Shutdown / Come out of hole with drillpipe
8:32	50		6		3.5	Pump 20 sks of cmt (6 bbls @13.5) Plug @63 ft
8:36						Shutdown / Come out of hole with drillpipe
8:57	70		8		3.5	Pump 30 sks of cmt (8 bbls @13.5) For Rat Hole
9:00						Shutdown / Come out of hole with drillpipe
9:04	70		6		3.5	Pump 20 sks of cmt (6 bbls @13.5) For Mouse Hole
9:11						Shutdown
9:12						End job
9:15						Performed post-job safety meeting
9:20						Rigged down
10:30 a						Leave location

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