



CEMENTING LOG

STAGE NO.

Date 7/2/14 District MadLodge KS Ticket No. 62836
 Company Tapstone Rig Norac 14
 Lease Ralph 3634 Well No. 9-14
 County Harper State KS
 Location Vir. Hazleton KS Field 36-34-9

CEMENT DATA:
 Spacer Type: 20 BBL Super Flush
 Amt. _____ Sks Yield _____ ft³/sk Density 8.5 PPG

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 7 Type _____ Weight 26 Collar _____

LEAD: Pump Time _____ hrs. Type 50/50+2%6e14
.4%FL-160+1%6-51 Excess _____
 Amt. 150 Sks Yield 1.4 ft³/sk Density 13.6 PPG
 TAIL: Pump Time _____ hrs. Type Class At. 8%
FL-160+2% (D-31) Excess _____
 Amt. 90 Sks Yield 1.18 ft³/sk Density 15.6 PPG
 WATER: Lead 6.75 gals/sk Tail 5.17 gals/sk Total _____ Bbls.

Casing Depths: Top _____ Bottom 5152

Pump Trucks Used 892/555
 Bulk Equip. 561/553

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size 8 3/4 T.D. _____ ft. P.B. to _____ ft.

Floater Equip: Manufacturer _____
 Shoe: Type _____ Depth _____
 Floater: Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type _____ Amt. _____ Bbls. Weight _____ PPG
 Mud Type _____ Weight _____ PPG

CAPACITY FACTORS:

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. _____

COMPANY REPRESENTATIVE Buck Fogla

CEMENTER Jason Thimesch

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	
7/3 4:30 PM						Order Safety meeting. Run casing
4:40 AM						Spot in, Safety meeting. Rig up, Safety meeting
5:45 AM		5000		1/8 BBL	1/4	Press test
5:49 AM		400		20 BBL	6	Pump Preflush / Bottom Plug Pump Preflush / Bottom Plug Plug Top of Spacer 2426
5:55 AM		400		37 1/2 BBL	4	Mix + Pump 1d cement Slurry TOC 3172
6:07 AM		175		19 BBL	3	Mix + Pump 7d cement Slurry TOC 4567
6:15 AM						Shutdown / Release Top Plug / Clean Water Screen out
6:27 AM					7	Start Displacement
		150		30 BBL	6 1/2	
		250		120 BBL	6 1/2	
		300		130 BBL	6 1/4	
		375		140 BBL	6 1/2	
		450		150 BBL	6 1/4	
		575		160 BBL	6	
		675		170 BBL	5 1/2	
		600		180 BBL	3	Slow to Pump
7:10 AM		1100		190 BBL	0	Bump Plug Release, Floater did hold

FINAL DISP. PRESS: 600 PSI BUMP PLUG TO 1100 PSI BLEEDBACK 1 BBLs. THANK YOU

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