

Date 8/26/14 District ML-KS Ticket No. 163231
 Company Chesapeake Rig Alliance W/S
 Lease Howard A Well No. 1-28
 County Cedarvale State KS
 Location 121 Williams KS Field 28-31-176

CEMENT DATA:
 Spacer Type: Gel 1155x
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 8 5/8 Type 2 Weight 24# Collar _____

LEAD: Pump Time _____ hrs. Type 60.40.4 / Gel
 Excess _____
 Amt. 150 Sks Yield 1.4 ft³/sk Density 14.1 PPG

Casing Depths: Top 0 Bottom 1027

TAIL: Pump Time _____ hrs. Type _____
 Excess _____
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG
 WATER: Lead 6.7 gals/sk Tail _____ gals/sk Total 24 Bbls.

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size 7 1/8 T.D. 1027 ft. P.B. to _____ ft.

Pump Trucks Used 892/555
 Bulk Equip. 561/643

CAPACITY FACTORS:

Casing: Bbls/Lin. ft. 0.637 Lin. ft./Bbl. 15.7
 Open Holes: Bbls/Lin. ft. 0.602 Lin. ft./Bbl. 16.5993
 Drill Pipe: TEB Bbls/Lin. ft. 0.0387 Lin. ft./Bbl. 258.6
 Annulus: Bbls/Lin. ft. 0.548 Lin. ft./Bbl. 18.2401
 Bbls/Lin. ft. 0.582 Lin. ft./Bbl. 17.18
 Perforations: From _____ ft. to _____ ft. Amt. _____

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

COMPANY REPRESENTATIVE _____

CEMENTER _____

TIME AM/PM	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
1:00P						On Location Safety Meeting
1:10P						Review / Safety Meeting
1:15P	1000					Hydro Test
	40		20		3.1	Mix Pump Gel 1155x
	40		12.5		3.5	Mix Pump 50 58 cmt
1:30P	40		3		3	Displace
						TOC 789.501
						Pull pipe to 60'
1:40P	100		12.5		3.5	Mix Pump 50 58 cmt
1:45P	100		1.5		3	Displace
						TOC 2061
						Pull pipe to 60'
1:55	40		12.5		3.5	Mix Pump 50 58 cmt
						Pull pipe Washup
2:05P						

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

