

Date 9-26-14 District Dakley KS Ticket No. 64243
 Company Berexco LLC Rig Berexco 2
 Lease Mears "E" Well No. 1-15
 County Cheyenne State KS
 Location 15-15-37w Field _____

CEMENT DATA:

Spacer Type: _____
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG

LEAD: Pump Time _____ hrs. Type 60/40/8' gel
3/4" F10-seal Excess _____

Amt. 450 Sks Yield 1.90 ft³/sk Density 12.5 PPG

TAIL: Pump Time _____ hrs. Type Com 10' self
5-2 gal/sonite, 2' gel Excess _____

Amt. 250 Sks Yield 1.56 ft³/sk Density 14.66 PPG

WATER: Lead 10.9 gals/sk Tail 6.97 gals/sk Total 156.67 Bbls.

Pump Trucks Used 431- Wayne Mc
 Bulk Equip. 890/241-
891/310-

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 5 1/2 Type New Weight 15.5# Collar _____

Casing Depths: Top KB Bottom 4597'

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size 778 T.D. 4600 ft. P.B. to _____ ft.

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. .0238 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. _____

Floater Equip: Manufacturer Industrial Rubber
 Shoe: Type AFB Floatshoe Depth 4597
 Float: Type Latch down plug Assy Depth 4554
 Centralizers: Quantity 10 Plugs Top _____ Btm. _____
 Stage Collars _____
 Special Equip. 20 - scratchers
 Disp. Fluid Type water Amt 108.37 Bbls. Weight _____ PPG
 Mud Type 40 vis Weight _____ PPG

COMPANY REPRESENTATIVE _____

CEMENTER Paul Beaver

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
7:30	0 th		7.79	7.79	2	Hold Safety meeting
	0 th		3.89	11.68	2	Run pipe / Float equip / Drop ball
	200 th		105.11	158.28	4	pump ball through shoe @ #
	200 th		41.49	158.28	4	mix 30 sks in R.H
	0 th		5.0	163.28	2	mix 15 sks in m.H
			20.0	183.28	4	mix 405 sks life @ 12.5 th
			20.0	203.28	6	tail w/ 250 sks Com @ 14.5 th
			20.0	223.28	6	stop cement
			10.0	233.28	6	wash up pump & lines to pit
			10.0	243.28	6	release plug
			10.0	253.28	6	Displace w/ water
			10.0	263.28	6	
8:30			8.37	271.65	4	plug did land @ 2300#
						Li-ft pressure / 800 #
						Float did hold
						cement did not air set
						lost circ. 566 before plug landed
						Hold Safety meeting