

Date 6-17-14 District M.L. 22 Ticket No. 62831
 Company Tea Stone Energy Rig Nance 14
 Lease Ralph Well No. 3624-9-1H
 County Harper State Ks
 Location Hazelton Ks, San Triv. City Field
Rd to T. E. on Blk Top 1+T, 1 1/2 S, 1 1/2 E
 CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 9 5/8 Type _____ Weight 36 Collar _____

CEMENT DATA:
 Spacer Type: 10 Bbls Fresh H₂O
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG

LEAD: Pump Time _____ hrs. Type 65:35:69 gpl
+290cc + 1/4 #Flt Excess _____
 Amt. 255 Sks Yield 1.87 ft³/sk Density 12.7 PPG
 TAIL: Pump Time _____ hrs. Type Class "A" + 290cc
+ 1/4 # Flt Seal Excess _____
 Amt. 150 Sks Yield 1.20 ft³/sk Density 15.6 PPG
 WATER: Lead 10.05 gals/sk Tail 5.22 gals/sk Total _____ Bbls.

Casing Depths: Top _____ Bottom 831

Pump Trucks Used 558/545
 Bulk Equip. _____

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size 12 1/4 T.D. _____ ft. P.B. to _____ ft.
 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. _____

Float Equip: Manufacturer Weatherford
 Shoe: Type Saw Tooth Depth _____
 Float: Type Sure Seal Collar Depth _____
 Centralizers: Quantity 7 Plugs Top _____ Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type Fresh H₂O Amt. _____ Bbls. Weight 8.34 PPG
 Mud Type + 2423 Weight _____ PPG

COMPANY REPRESENTATIVE SKIP Skypen Gray CEMENTER Jason T

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	
730 PM						On loc Spot in Rig up Safetymaning
915 PA		2000		1/4 BBL	1/4	Press test
918 PA		200		10 BBL	7	Pump Proof Test
919 917 PA		150		85 BBL	4 1/2	Mix + Pump 2d cement Slurry
937 917 PA		150		32 BBL	4 1/2	Mix + Pump 7L cement Slurry TOC 321
944 PA						Release Pls
950 PM		600			9 1/2	Displace
		350		45 BBL	3	Slow to Bump
1000 PA		900		58 BBL	0	Bump Plug
						Release
						Float Held
						Circ 30 BBL cement to Surface