

Date 5-5-15 District Dalhart Ticket No. 64173  
 Company Berwick Rig Berwick 1  
 Lease Alexander 0 Well No. 2-33  
 County Haskell State KS  
 Location 3-3-27-34 Field

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

Casing Depths: Top KB Bottom 1788'

Drill Pipe: Size 12 1/4 Weight 179.5 Collars  
 Open Hole: Size 12 1/4 T.D. 1795' ft. P.B. to \_\_\_\_\_ ft.

CAPACITY FACTORS:  
 Casing: Bbls/Lin. ft. .0637 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. \_\_\_\_\_

CEMENT DATA:

Spacer Type: \_\_\_\_\_  
 Amt. \_\_\_\_\_ Skys Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG

LEAD: Pump Time \_\_\_\_\_ hrs. Type 6.5/35  
6.5 gal 3 1/2 cc 1/4" Flsval Excess \_\_\_\_\_  
 Amt. 6.55 Skys Yield 1.90 ft<sup>3</sup>/sk Density 12.5 PPG

TAIL: Pump Time \_\_\_\_\_ hrs. Type Com 3 1/2 cc  
 Excess \_\_\_\_\_  
 Amt. 1.50 Skys Yield 1.36 ft<sup>3</sup>/sk Density 14.5 PPG

WATER: Lead 10.9 gals/sk Tail 6.5 gals/sk Total \_\_\_\_\_ Bbls.

Pump Trucks Used 431 - Brandon  
 Bulk Equip. 891/1277 - Wayne  
890/241 - Lohne

Float Equip: Manufacturer Weatherford  
 Shoe: Type Guide Shoe Depth 1788'  
 Float: Type AFV Float Valve Depth 1796'  
 Centralizers: Quantity 3 Plugs Top  Btm. \_\_\_\_\_  
 Stage Collars \_\_\_\_\_  
 Special Equip. \_\_\_\_\_  
 Disp. Fluid Type water Amt. 111 Bbls. Weight \_\_\_\_\_ PPG  
 Mud Type 40 vis Weight \_\_\_\_\_ PPG

COMPANY REPRESENTATIVE \_\_\_\_\_

CEMENTER Paul B

TIME AM/PM	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
						Hold Safety meeting
						Run Pipe / Float equip
	290		170	170	4	Drop ball pumped through @ 400#
	290		23	193	4	Mix 6.55 gals/sk @ 12.5#
						Tail wt 1.50 gals/sk @ 14.5#
	100		5	198	4	stop cement / release plug
	100		20	218	6	wash up pump + lines
	100		20	238	6	Displace out water
	100		20	258	6	
	200		20	278	6	
	300		10	288	6	
	500		10	298	6	
	800		6	304	4	plug did land @ 1000#
						Float did hold
						cement did cure
						Hold Safety meeting
						Thank You!