

Date 11-17-15 District OKMUY Ticket No. 06785
 Company Borex Rig 1309001
 Lease LEONA unit Well No. 1A-1
 County Haskell State KS
 Location 1 27 33 Field _____
 @ carder city 5 to cl. holes into
 CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 5 1/2 Type new Weight 14 Collar _____

Casing Depths: Top 1415 Bottom 5200

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size 7 7/8 T.D. 5200 ft. P.B. to _____ ft.
 CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. 0.244 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 _____ ft³/sk Density _____ PPG

LEAD: Pump Time _____ hrs. Type Lite Hydro Seal
 Excess _____
 Amt. 25 Skys Yield 2.2 ft³/sk Density 12 PPG
 TAIL: Pump Time _____ hrs. Type ARC Ultra-Bond
15 Flu class + 25 Defam Excess _____
 Amt. 155 Skys Yield 1.58 ft³/sk Density 14.52 PPG
 WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbls.

Pump Trucks Used 431
 Bulk Equip. 890
891

Float Equip: Manufacturer Weatherford
 Shoe: Type AFW float shoe Depth 5200
 Float: Type lotdown plug Assy Depth 5158
 Centralizers: Quantity 16 Plugs Top _____ Btm. _____
 Stage Collars OV TOOL 3198
 Special Equip: 3 baskets
 Disp. Fluid Type Water mud Amt. 2585 Bbls. Weight _____ PPG
 Mud Type _____ Weight _____ PPG

COMPANY REPRESENTATIVE _____

CEMENTER Andrew

TIME AM/PM	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
						mix 25 sks Lite mix 155 ASC wash pump and line clean Release plug and displace with water
				10		
				10		water in start mud
				10		
				10		
				10		
	300			10		
				10		
				10		
	700			10		
				10		plug landed float held open DV
	1000			10		
	1000			5		
	1600					
	800					

ALLER PRINTERS, INC. - Great Bend, KS

Date 11-12-15 District Oakley Ticket No. 062865
 Company Berexco Rig Berexco
 Lease Leona unit Well No. 12-1
 County Haskell State KS
 Location 1 27 33 Field _____
Garden city 5 to 66 New 1/2 1/2 unit 10
 CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 5 1/2 Type neod Weight _____ Collar _____

CEMENT DATA:

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

LEAD: Pump Time _____ hrs. Type Lite 1/2 FLO sec
 Excess _____

Amt. 300 Skys Yield 22.2 ft³/sk Density 12 PPG _____

TAIL: Pump Time _____ hrs. Type ASC
 Excess _____

Amt. 50 Skys Yield 1.58 ft³/sk Density 14.52 PPG _____

WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbls.

Casing Depths: Top 180 Bottom 5200

Pump Trucks Used 431
 Bulk Equip. 890
891

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size 7 7/8 T.D. 5200 ft. P.B. to _____ ft.

Float Equip: Manufacturer _____

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. _____

Shoe: Type _____ Depth _____

Float: Type _____ Depth _____

Centralizers: Quantity _____ Plugs Top _____ Btm. _____

Stage Collars _____

Special Equip. _____

Disp. Fluid Type Water Amt. _____ Bbls. Weight _____ PPG _____

Mud Type _____ Weight _____ PPG _____

Perforations: From _____ ft. to _____ ft. Amt. _____

COMPANY REPRESENTATIVE _____

CEMENTER Andrew

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
						Plug mouse hole Plug Rat hole mix 300 sks Lite mix 50 sks ASC Wash Pump and Line Clean Release Plug Start Displacement
				10		
				10		
				10		
				10		
				10		
				10		
				8		
	1000					Plug Loaded Tool Closed Cement did Circulate
	2000					

FINAL DISP. PRESS: 1000 PSI BUMP PLUG TO 2000 PSI BLEEDBACK 1/2 BBLs. THANK YOU