

Date 12-8-13 District oklay ks Ticket No. 61421
 Company Bareco Rig Bareco
 Lease Michael Well No. 6-22
 County Rawlins State KS
 Location 22-1-36 Field Boardsley 8N70AA, SW, 2, W, E, Unit

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

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size 7 7/8 T.D. 4490 ft. P.B. to _____ ft.
 CAPACITY FACTORS:
 Casing: Bbbls/Lin. ft. .0238 Lin. ft./Bbl. _____
 Open Holes: Bbbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

CEMENT DATA:
 Spacer Type: Super flush
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG
12 bbl

LEAD: Pump Time _____ hrs. Type 450 Skys Lite
1/4 # flo-seal Excess _____
 Amt. 450 Skys Yield 1.9 ft³/sk Density 12.2 PPG

TAIL: Pump Time _____ hrs. Type Cover 108 seal
22 gal 5 # gritson 1/2 Excess _____
 Amt. 450 Skys Yield 1.99 ft³/sk Density 14.36 PPG

WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbbls.
 Pump Trucks Used 422 - Wayne
 Bulk Equip. 828/287-

Float Equip: Manufacturer Weatherford Industrial
 Shoe: Type AFB Depth _____
 Float: Type Latch down Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Btm. _____
 Stage Collars _____
 Special Equip. (1) weatherford basket/scraper
 Disp. Fluid Type Water Amt. 15416 Bbbls. Weight _____ PPG
 Mud Type _____ Weight _____ PPG

COMPANY REPRESENTATIVE _____

CEMENTER Lakene Ewart

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbbls Min.	
9:00 AM						Hold safety meeting Pump ball through Circulate 1 hr Plug 4 1/2" (155k) Flush 1/2" (205k) Mix Super Flush Start cement 4133k Lite weigh cement 3 times 12.2 # Stop cement Start cement 2585k cover weigh cement 5 times 14.6 # Stop cement Wash up pump & lines. Release plug. Start water displacement
				12 bbl		
				20.0		
				200		
				20.0		
				10.0		
				10.0		
				10.0		
				14.0		
				4.16		
10:30						Stop water hand plug float held Hold safety meeting Thank you