

Date 11-17-14 District 6B Ticket No. 65141  
 Company AMEX LLC Rig Exact Well Serv  
 Lease PP Well No. 28-1  
 County Stanton State KY  
 Location Johannsen City 4B 28-1 Field 28-28-41

CEMENT DATA:  
 Spacer Type: Fresh H<sub>2</sub>O  
 Amt. 5661 Skys Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG

CASING DATA: Conductor  PTA  Squeeze  Misc   
 Surface  Intermediate  Production  Liner   
 Size \_\_\_\_\_ Type \_\_\_\_\_ Weight \_\_\_\_\_ Collar \_\_\_\_\_

LEAD: Pump Time Thickener hrs. Type 60/40 4% gel  
 Amt. \_\_\_\_\_ Skys Yield 1.41 ft<sup>3</sup>/sk Density 15.2 PPG

Casing Depths: Top \_\_\_\_\_ Bottom 1600

TAIL: Pump Time \_\_\_\_\_ hrs. Type \_\_\_\_\_  
 Amt. \_\_\_\_\_ Skys Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG  
 WATER: Lead \_\_\_\_\_ gals/sk Tail \_\_\_\_\_ gals/sk Total \_\_\_\_\_ Bbls.

Drill Pipe: Size \_\_\_\_\_ Weight \_\_\_\_\_ Collars \_\_\_\_\_  
 Open Hole: Size \_\_\_\_\_ T.D. \_\_\_\_\_ ft. P.B. to \_\_\_\_\_ ft.

Pump Trucks Used 390 - Dan Casper  
 Bulk Equip. 610-170 - Jaxx Inc.

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. \_\_\_\_\_  
 Perforations: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Amt. \_\_\_\_\_

Float Equip: Manufacturer \_\_\_\_\_  
 Shoe: Type \_\_\_\_\_ Depth \_\_\_\_\_  
 Float: Type \_\_\_\_\_ Depth \_\_\_\_\_  
 Centralizers: Quantity \_\_\_\_\_ Plugs Top \_\_\_\_\_ Btm. \_\_\_\_\_  
 Stage Collars \_\_\_\_\_  
 Special Equip. \_\_\_\_\_  
 Disp. Fluid Type \_\_\_\_\_ Amt. \_\_\_\_\_ Bbls. Weight \_\_\_\_\_ PPG  
 Mud Type \_\_\_\_\_ Weight \_\_\_\_\_ PPG

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

CEMENTER Josh Kace

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	
						on location - big up
						had safety meeting
						run <del>4 1/2</del> 4 1/2
						run 15 sk gel
9:30 AM						#1 - 1600 ft. 5" 5/8 x 60/40 4% - 100# hauls
10:30 AM						#2 - 800 4" 1/2 x 60/40 4%
11 AM						#3 - 40 - circulate 25 sk to surface
						cement did circulate
11:30 AM						log down