

Date 5/18/16 District Osage Ticket No. 067572
 Company Borexio Rig Borexio 1
 Lease Earl Arnold Well No. 7-3
 County Stanton State Mo
 Location _____ Field _____

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

Casing Depths: Top 0 Bottom 1728

Drill Pipe: Size 4 1/2 Weight _____ Collars _____
 Open Hole: Size 12 1/4 T.D. _____ ft. P.B. to _____ ft.

CAPACITY FACTORS:
 Casing: Bbbs/Lin. ft. 0.637 Lin. ft./Bbl. _____
 Open Holes: Bbbs/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbbs/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbbs/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

CEMENT DATA:

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

LEAD: Pump Time _____ hrs. Type ALW 85/35 @ 700 @ 370 CL
 Amt. 580 Sks Yield 2.2 ft³/sk Density 12.07 PPG

TAIL: Pump Time _____ hrs. Type Con 370 CC
 Amt. 150 Sks Yield 1.33 ft³/sk Density 14.9 PPG

WATER: Lead 12.45 gals/sk Tail 6.2 gals/sk Total _____ Bbbs.

Pump Trucks Used 818-287 - New
 Bulk Equip. 340 - New
341 - Copy

Float Equip: Manufacturer _____
 Shoe: Type Construct Depth 1728
 Float: Type _____ Depth _____
 Centralizers: Quantity 3 Plugs Top _____ Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type H₂O Amt. 108 Bbbs. Weight 8.34 PPG
 Mud Type _____ Weight _____ PPG

COMPANY REPRESENTATIVE _____

CEMENTER ML

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbbs Min.	
						evaluation SPD, mix setup
						Run Cg, Circulate
	100		228.0	3 1/2		Mix ACW
	200		36.0	3 1/2		Mix Cem
	400					Displace Plug w/ H ₂ O
	800					Blump Plug
6:30						Job Complete