

Date: 8/2/15 District: OKM/LL Ticket No. 067287
 Company: Quince Rig: Quince 10
 Lease: Willford Well No. 1-9
 County: Wagoner State: OK
 Location: _____ Field: _____

CEMENT DATA:

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

LEAD: Pump Time _____ hrs. Type PPG 4000
 Amt. 255 Sks Yield 1-1 Excess _____
 ft³/sk Density 1300 PPG _____

TAIL: Pump Time _____ hrs. Type _____
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG _____

WATER: Lead 6.9 gals/sk Tail _____ gals/sk Total _____ Bbls. _____

Pump Trucks Used 425
 Bulk Equip. 231

Flight Equip: Manufacturer _____
 Shoe Type _____ Depth _____
 Float Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Bit _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type KFD Amt. _____ Bbls. Weight _____ PPG _____
 Mud Type Top Head Weight _____ PPG _____

CASING DATA: Conductor PTA Squeezé Misc
 Surface Intermediate Production Liner
 Size 8 1/2 Type _____ Weight _____ Collar _____

Casing Depths: Top 66 Bottom 305

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

CAPACITY FACTORS:

Casing: Bbls./Lin. ft. 0.67 Lin. ft./Bbl. _____
 Open Holes: Bbls./Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls./Lin. ft. 0.142 Lin. ft./Bbl. _____
 Annulus: Bbls./Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

COMPANY REPRESENTATIVE _____

CEMENTER Quince

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
						Annulation 900, 1000, 1100
				8 1/4	3.0	1000 3125'
				16 1/2	3.0	1000 3500
				8 1/4	3.0	1000 3500'
				8	3.0	1000 400'
				5	3.0	1000 R.H.
				2 1/2	3.0	1000 15 SK M.H.
10:30 am						Job Complete