

Date 7/2/12 District Perkley Ticket No. 056757
 Company Midcon Energy Rig Enterprise 69
 Lease 10-13 Well No. 10-13
 County Cherokee State OK
 Location _____ Field _____

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

Casing Depths: Top 60 Bottom 2125

Drill Pipe: Size 4 1/2 Weight _____ Collars _____
 Open Hole: Size 7 7/8 T.D. _____ ft. P.B. to _____ ft.

CAPACITY FACTORS:

Casing: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. 0.0422 Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 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 Com
 Excess _____

Amt. 125 Skys Yield 1.18 ft³/sk Density 15.6 PPG

TAIL: Pump Time _____ hrs. Type _____
 Excess _____

Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG

WATER: Lead 5.21 gals/sk Tail _____ gals/sk Total _____ Bbls.

Pump Trucks Used _____

Bulk Equip. _____

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 Red

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
						D. location, SP rig mty, Setup
	<u>0</u>			5.0	3.0	H ₂ O Spacer
	<u>0</u>			5.0	3.0	Mix 40 SK @ 5150'
	<u>0</u>			5.0	1.0	Displace w/ H ₂ O - Ry mud
	<u>0</u>			5.0	3.0	H ₂ O Spacer
	<u>0</u>			5.0	3.0	Mix 40 SK @ 2500'
	<u>0</u>			5.0	3.0	Displace w/ H ₂ O - Ry mud
	<u>0</u>			5.0	3.0	Mix 40 SK @ 1750'
	<u>0</u>			5.0	3.0	Displace w/ H ₂ O - Ry mud
	<u>0</u>			6.11	3.0	Mix 50 SK @ 480'
	<u>0</u>			3.0	3.0	Displace w/ H ₂ O
	<u>0</u>			3.0	3.0	Mix 15 SK @ 30'
	<u>0</u>			1.0	3.0	Mix 5 SK, Port Hole
	<u>0</u>			1.0	3.0	Mix 5 SK, Monitor Hole
						Job Complete
						T. Pump the