ALLIED
OIL & GAS SERVICES, LLC

CEMENTING LOG

STAGE NO.

Date 9/22/13 District Oakley Ky Ticket No. 061157
Company Berexco Rig Berexco 2
Lease Michaelle Well No. 3-22
County Rawlins State Ky
Location Field

CASING DATA: Conductor ☐ PTA ☐ Squeeze ☐ Misc ☐
Surface ☒ Intermediate ☐ Production ☐ Liner ☐
Size 8 5/8 Type New Weight 24 Collar

Casing Depths: Top KB Bottom 308

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

CAPACITY FACTORS:
Casing: Bbls/Lin. ft. .0637 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.
Bbls/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 Com 37cc 29 gal
Excess
Amt. 225 Sks Yield 1.34 ft³/sk Density 15.2 PPG
TAIL: Pump Time hrs. Type
Excess
Amt. Sks Yield ft³/sk Density PPG
WATER: Lead 6.5 gals/sk Tail gals/sk Total Bbls.

Pump Trucks Used 423-281
Bulk Equip. 396

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 Milo Salinas CEMENTER [illegible]

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
7:30pm						Dejoration SPT Mtg Setup
						Pre Cay - Circulate
				35.0	3.0	Mix Cement
				18.79	4.0	Displace Cement
						Shutin
8:00pm						Job Complete

FINAL DISP. PRESS: PSI BUMP PLUG TO PSI BLEEDBACK BBLS. THANK YOU

ALLIED POINTERS INC. Great Bend, KS