



CEMENTING LOG

STAGE NO.

Date 11/11/14 District Dakota Ticket No 063897
 Company Byrdco Rig Byrdco 10
 Lease Michael 9782 Well No. 9-22
 Country _____ State _____
 Location _____ Field _____

CEMENT DATA:

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

LEAD: Pump Time _____ hrs. Type 3710C294
 Excess _____

Amt. 22.5 Skys Yield 1.24 ft³/sk Density 15.0 PPG

TAIL: Pump Time _____ hrs. Type _____
 Excess _____

Amt. 1 Skys Yield _____ ft³/sk Density _____ PPG

WATER: Lead 6.5 gals/sk Tail _____ gals/sk Total _____ Bbls.

Pump Trucks Used 32-291
 Bulk Equip. 815

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 8.75 Type Full Weight _____ Collar _____

Casing Depths: Top 28 Bottom 300

Drill Pipe: Size 4.125 Weight _____ Collars _____
 Open Hole: Size 10.125 T.D. _____ ft. P.B. to _____ ft.

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. 0.657 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 W/O Amt. 10.15 Bbls. Weight 8.12 PPG
 Mud Type _____ Weight _____ PPG

COMPANY REPRESENTATIVE _____

CEMENTER AK

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
						Dr location 587, 117, 524
						Washer, Conductor
				37.0	3.0	Mix Cement
				18.15	5.0	Displace Cement
						Shut-in
10:00 p						Job Complete