



CEMENTING LOG

STAGE NO. _____

Date 8-23-13 District 09 Key Ticket No. 061308
 Company Berexco Rig Berexco 10
 Lease Micheal Well No. 1-22
 County Rawlins State KS
 Location 22 1 36 Field _____
McDonald 12N 1/2E Mike into

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 5/2 Type NEW Weight 15.5 Collar _____

Casing Depths: Top KB Bottom 46956

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size 7 7/8 T.D. 4910 ft. P.B. to _____ ft.

CAPACITY FACTORS:

Casing: Bbls/Lin. ft. 0.238 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. _____

CEMENT DATA:

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

LEAD: Pump Time _____ hrs. Type LITE
1/4 Flo-seal Excess _____
 Amt. 450 Sks Yield 1.9 ft³/sk Density 12.3 PPG

TAIL: Pump Time _____ hrs. Type Com 10850IT
20 gal 5 Wilsonite Excess _____
 Amt. 250 Sks Yield 1.18 ft³/sk Density 15.6 PPG

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

Pump Trucks Used 423-281
 Bulk Equip. 323
600

Float Equip: Manufacturer Industrial Rubber
 Shoe: Type API Float shoe Depth 461956
 Float: Type Latchdown Plug ASSY Depth 457716
 Centralizers: Quantity 17 Plugs Top _____ Btm. _____
 Stage Collars _____
 Special Equip. Baskets
 Disp. Fluid Type Water Amt. 108.93 Bbls. Weight _____ PPG
 Mud Type _____ Weight _____ PPG

COMPANY REPRESENTATIVE _____

CEMENTER Andrew

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
<u>5:00</u>						<u>plug mouse hole 20 sks</u> <u>plug rat hole 20 sks</u> <u>start mixing cement down 5/2</u> <u>cement mixed</u> <u>wash pump and line clean</u> <u>start Displacement</u>
				<u>10</u>		
				<u>10</u>		
				<u>10</u>		
				<u>10</u>		
	<u>1000</u>			<u>10</u>		
				<u>10</u>		
	<u>1400</u>			<u>10</u>		
	<u>1500</u>			<u>10</u>		
	<u>1500</u>			<u>9</u>		
<u>6:00</u>						<u>plug land</u> <u>float hole</u> <u>cement did not circulate</u>

FINAL DISP. PRESS: 1500 PSI BUMP PLUG TO 2000 PSI BLEEDBACK 1/2 BBLs. THANK YOU