ALLIED OIL & GAS SERVICES, LLC

CEMENTING LOG

STAGE NO.

Date 4-8-15 District Oakley KS Ticket No. 64701
Company Bore-X Co Rig Beredco 10
Lease Judy Well No. 1-21
County Rawlins State KS
Location 21-1-36 Field
McDonald W to A A- 1/2 E, North

CASING DATA: Conductor ☐ PTA ☐ Squeeze ☐ Misc ☐
Surface ☑ Intermediate ☐ Production ☐ Liner ☐
Size 8 5/8 Type New Weight 23 # Collar

Casing Depths: Top KB Bottom 300.49

Drill Pipe: Size Weight Collars
Open Hole: Size 12 1/4 T.D. 303 ft. P.B. to ft.

CAPACITY FACTORS:
Casing: Bbls/Lin. ft. .0664 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 [redacted]
3% CC 2% gel Excess
Amt. 225 Sks Yield 1.34 ft³/sk Density 15.6# PPG
TAIL: Pump Time hrs. Type
Excess
Amt. Sks Yield ft³/sk Density PPG
WATER: Lead gals/sk Tail gals/sk Total Bbls.

Pump Trucks Used 422- Wayne
Bulk Equip. 373/306- Darren

Float Equip: Manufacturer
Shoe: Type Depth
Float: Type Depth
Centralizers: Quantity Plugs Top Btm.
Stage Collars
Special Equip.
Disp. Fluid Type water Amt. 18.27 Bbls. Weight PPG
Mud Type Weight PPG

COMPANY REPRESENTATIVE
CEMENTER LaRoue

TIME AM/PM	PRESSURES PSI DRILL PIPE CASING	ANNULUS	FLUID PUMPED DATA TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	REMARKS
						Hold Safety Meeting
3:30						Start Water
						Start cement 225 sks
						Weigh cement 15 #
						Stop cement
				30		Wash up pump & lines
				15.27		Displace with water
4:00						Cement did Circulate
						2 bbl to pit
						Thank you
						Kirk
						Hold Safety meeting

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