



# Cement

## Conductor Cement

Well Name <b>REVEILLE A34-714</b>	Lease	Field Name <b>WATTENBERG</b>	Business Unit <b>Rockies</b>
Ground Elevation (ft) <b>4,649.00</b>	Original RKB Elevation (ft) <b>4,679.00</b>	Current RKB Elevation	Mud Line Elevation (ft)   Water Depth (ft)
Current KB to Ground (ft)	Current KB to Mud Line (ft)	Current KB to Csg Flange (ft)	Current KB to Tubing Head (ft)

### Cement Details

Description <b>Conductor Cement</b>	Type <b>Casing</b>	Planned? <b>N</b>	Cementing Start Date <b>12/16/2020 13:00</b>	Cementing End Date <b>12/16/2020 13:30</b>
Vendor <b>PETE MARTIN DRILLING LLC</b>	String <b>Conductor, Planned?-N, 110ftKB</b>	Job <b>Drill and Suspend, 12/31/2020 13:30</b>	Wellbore <b>Original Hole</b>	

Technical Result

Cement Evaluation Results  
**All Additives pumped**

Comment  
**All Additives pumped**

### Cement Stages

#### Stage # 1

Stg #	Description	Objective	Top Depth (ftKB)	Bottom Depth (ftKB)	Full Return?	Vol Cement Ret	Top Plug?	Bottom Plug?
1	Conductor Cement		30.0	110.0	N		N	Y
Initial Pump Rate (bbl/min)	Final Pump Rate (bbl/min)	Avg Pump Rate (bbl/min)	Final Pump Pressure (psi)	Plug Bump Pressure (psi)	Recip?	Reciprocation Stroke Length (ft)	Rotated?	Pipe RPM (rpm)
					N		N	
Depth Tagged (MD) (ftKB)	Tag Method	Drill Out Date	Depth Plug Drilled Out To (ftKB)	Drill Out Diameter (in)				

Comment  
**All Additives pumped**

### Cement Fluids & Additives

#### Fluid

Fluid Type <b>Lead</b>	Estimated Top (ftKB) <b>30.0</b>	Estimated Bottom Depth (ftKB) <b>110.0</b>	Quantity (sacks) <b>64</b>	Class <b>GROUT</b>	Volume Pumped (bbl) <b>48.0</b>
Yield (ft <sup>3</sup> /sack) <b>1.27</b>	Fluid Mix Ratio (gal/sack) <b>5.89</b>	Free Water (%)	Density (lb/gal) <b>15.20</b>	Zero Gel Time (min)	Thickening Time (hr)   1st Compressive Strength (psi)

Fluid Description  
**All Additives pumped**

Comment  
**All Additives pumped**

### Additives

Additive	Type	Amount	Amount Units	Concentration	Conc Unit label