



Cathedral Energy Services  
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1949 Pyrite Rd  
Casper, WY 82604

**140002**

5":100' - TVD  
1/11/2014 1:36:50 PM

**Oper. Company:** Encana Oil & Gas  
**Country:** Weld  
**State / Province:** Colorado  
**County / Parish:** US

**API/UWI:** 051233621000  
**Field:** DJ Basin  
**Well:** Liberty 2F-21H  
**Rig:** Ensign 135

### Personnel

**Day Hand:** John Corby  
**Night Hand:** Kenneth Wagoner

### Location

**Latitude:** 40.216940  
**Longitude:** -105.009710  
**Elev. GL:** 5023  
**Elev. DF:** 5036  
**Elev. KB:** 5036

### Hole Data

Size	From	To
12.25	0	910
8.75	910	7525

### Casing Data

Size	From	To
9.625	0	910

### Mud Data

Weight	From	To
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### Tool Run Data

Serial Number	Gamma Offset	Resist. Offset	Start Time	Start Depth	End Time	End Depth
278	41.27	0	1/3/2014 1:28:57 PM	5000	1/7/2014 6:50:57 PM	7545

*All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not except in the case of gross or willful negligence on our part, be liable or responsible for any loss, cost damages or expenses incurred or sustained by anyone resulting from an interpretation made by any of our officers, agents, or employees.*

0.00 GR\_1(API) 150.00 TVD 0.00 ROP(FT/HR) 300.00  
150.00 2 300.00 FT 300.00 2 600.00























