



**COBALT ENERGY, LLC**  
**DRILL TIME & SAMPLE LOG**

**GEOLGISTS REPORT**

**COMPANY:** COBALT ENERGY, LLC  
**LEASE:** Terry 'B' #1-1  
**FIELD:** Wildcat  
**LOCATION:** 690' FSL & 330' FEL  
**SEC:** 1 **TWSP:** 11S **RGE:** 25W  
**COUNTY:** Trego **STATE:** KS  
**CONTRACTOR:** Martin Drilling, Rig #21  
**SPUD:** 3/23/13 **COMP:** 3/31/13  
**RTD:** 4/22/13 **LTD:** 4/22/13  
**MUD UP:** 3/40/13 **TYPE MUD:** Chemical  
**SAMPLES SAVED FROM:** 3550' to RTD  
**DRILLING TIME KEPT FROM:** 3550' to RTD  
**SAMPLES EXAMINED FROM:** 3550' to RTD  
**GEOLGICAL SUPERVISION FROM:** 3500' to RTD  
**GEOLGIST ON WELL:** Corey N. Baker  
**FORMER WELL:** Pioneer Wellbore  
**FORMATION TOPS:** ELECTRIC LOG  
**1985 (+383)**  
**Base of Anhydrite:** 2024 (+344)  
**Heebner:** 3667 (-1299)  
**Lansing:** 3704 (-1336)  
**Stark:** 3897 (-1529)  
**BKC:** 3944 (-1576)  
**Pawnee:** 4076 (-1708)  
**Cherokee:** 4160 (-1792)  
**RTD / LTD:** 4220 (-1852)

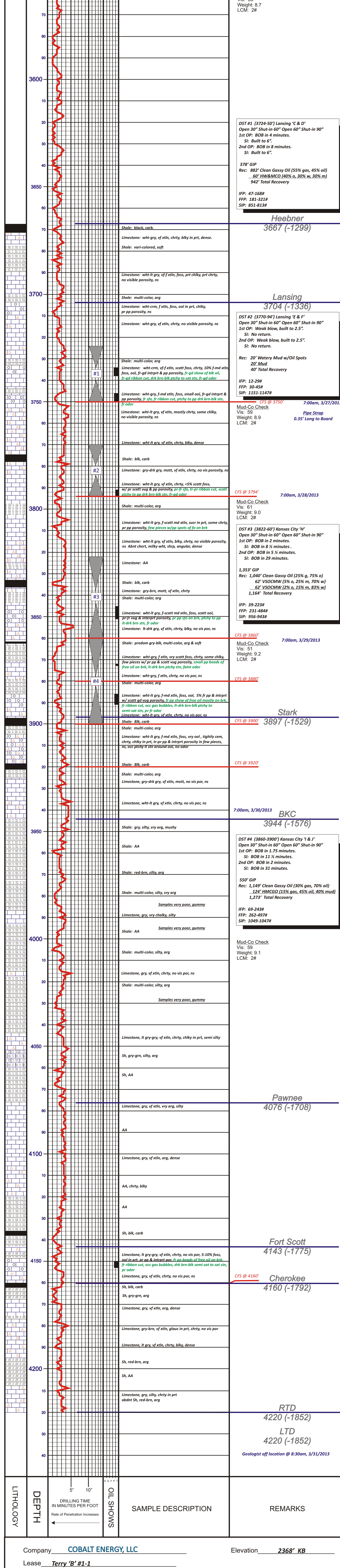
**ELEVATIONS:** KB 2368'  
**DF:** \_\_\_\_\_  
**GL:** 2367'  
**Measurements are All From:** KB  
**CASING:** \_\_\_\_\_  
**Conductor:** NA  
**Surface:** 8.5" @ 223'  
**Production:** 5 1/2" @ 4217'  
**Electrical Surveys:** \_\_\_\_\_  
**Dial Induction, Magnet-Densities:** \_\_\_\_\_  
**Microns:** \_\_\_\_\_

**REMARKS:** The Terry 'B' #1-1 ran favorably on all horizons compared to the Reilly Oil Co. Ruth #1-6, a producer located at 775' FSL & 430' FWL in section 6-11S-24W. Based on samples, logs and DST #1, #3 & #4, 5.5" casing was set to test the potential of this well.

Drill Stem testing by Dustin Rash of Trilobite Testing.  
 Respectfully Submitted,  
 Corey Baker  
 Petroleum Geologist  
**API #15-19S-22852-00-00**

**LEGEND**

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**DEPTH** (ft): 4200, 4150, 4100, 4050, 4000, 3950, 3900, 3850, 3800, 3750, 3700, 3650, 3600, 3550

**LITHOLOGY** (from top to bottom): Anhydrite, Sandstone, Limestone, Shale, Carb Sh, Cherty LS, Chert, Dolomite

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**REMARKS:**

Company **COBALT ENERGY, LLC** Elevation **2368' KB**  
 Lease **Terry 'B' #1-1**  
 Location **690' FSL & 330' FEL** SEC. **1** SEC. **11S** RGE **25W**  
 County **Trego** State **Kansas**