



GEOLOGIST'S REPORT
DRILL TIME &
SAMPLE LOG

COMPANY **COBALT ENERGY, LLC**
LEASE **Elsley Unit 'A' #1-27**
FIELD **Wildcat**

ELEVATIONS
KB **2447'**

LOCATION **2900' FSL & 1563' FEL**
SEC. **27** TWP. **18S** RGE. **25W**
COUNTY **Ness** STATE **KS**
CONTRACTOR **Southwind Drilling, Inc. , Rig #8**
SPUD **9/03/13** COMP **9/13/2013**
RTD **4500'** TYPE LTD. **4500'**
MUD UP **3354'** TYPE MUD **Chemical**

CASING
Conductor **NA**
Surface **8 5/8" @ 220'**
Production **None**
Electrical Log **None**
Radiation Guard Log **None**

MEASUREMENTS ARE ALL FROM **KB**

DRILLING TIME KEPT FROM **3400'** TO **RTD**
DRILLING TIME EXAMINED FROM **3400'** TO **RTD**
SAMPLES SAVED FROM **3400'** TO **RTD**

GEOLOGICAL SUPERVISION FROM **3400'** TO **RTD**
GEOLOGIST ON WELL **Corey N. Baker**
Pioneer Energy Services

FORMATION TOPS
Anhydrite **1716 (+731)**
Topoka **3502 (-1055)**
Heebner **3792 (-1345)**
Lansing **3833 (-1381)**

ELECTRIC LOG
1716 (+731)
3502 (-1055)
3792 (-1345)
3833 (-1381)

SAMPLE
1716 (+731)
3495 (-1048)
3792 (-1347)
3833 (-1381)

FOR SCOT
4339 (-1892)
4435 (-1988)
4478 (-1989)
4500 (-2053)

MISSISSIPPIAN
4435 (-1988)
4500 (-2053)

RTD
4500 (-2053)
LTD
4500 (-2053)

REMARKS
The Elsley Unit 'A' #1-27 was structurally high to the dry hole to the NE and had good shows in the Mississippi Dolomite but due to negative results on all DST's the well was plugged and abandoned as a dry hole.

Respectfully Submitted,
Corey Baker
Vice President - Exploration
Cobalt Energy, LLC

API #15-135-25651-00-00

LEGEND

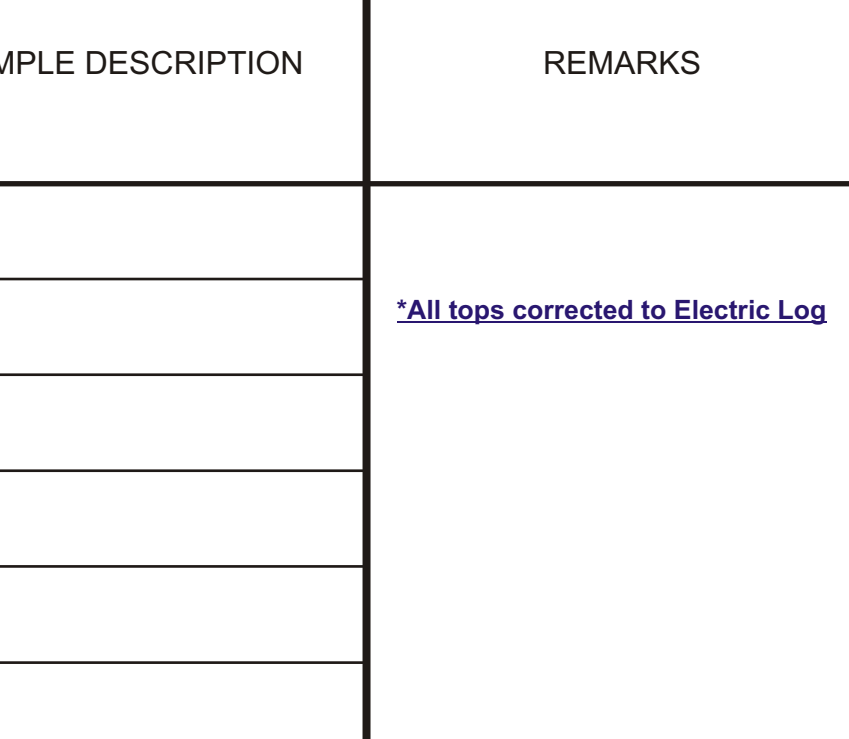


Table with columns: LITHOLOGY, DEPTH, DRILLING TIME IN MINUTES PER FOOT, OIL SHOWS, SAMPLE DESCRIPTION, REMARKS. Contains detailed log data from 1650' to 4500' depth.

Table with columns: LITHOLOGY, DEPTH, DRILLING TIME IN MINUTES PER FOOT, OIL SHOWS, SAMPLE DESCRIPTION, REMARKS. Contains detailed log data from 4500' to 4500' depth.

Company **COBALT ENERGY, LLC** Elevation **2447' KB**
Lease **Elsley Unit 'A' #1-27**
Location **2500' FSL & 1563' FEL** SEC. **27** TWP. **18S** RGE. **25W**
County **Ness** State **Kansas**