

**Consk King**  
 HOI-15-183-21088-00-00

GEOLOGIST'S REPORT  
 DRILLING TIME AND SAMPLE LOGS

OPERATOR **SLANSKY** WELL NO. **16**  
 LEASE **SLANSKY** ELEVATION **2001**  
 FIELD **BARREY** DJF **1790**  
 LOCATION **NW 3W NE** Memberships Are All  
 SEC. **2** TWP. **9S** RGE. **19W** From **FELLY BURNING**  
 COUNTY **ROCKS** STATE **KANSAS** CASING RECORD  
 CONTRACTOR **DUKE DRILLING RIG #10** SURFACE **5 1/2" @ 1791'**  
 COMM. **12-20-2012** COMP. **1-8-2013** PRODUCED **5 1/2" @ 3179'**  
 RIG NO. **3480** LOG TO **T.O.**  
 DRILLING TIME FROM **2500** TO **T.O.**  
 SAMPLES EXAMINED FROM **2500** TO **T.O.**  
 GEOL. NO. **2850** CHEMICAL  
 LOG UP **2850** TYPE **W.D.**

FOUNDATION **CONCRETE** SURFACE **CONCRETE** STRUCTURE  
 ANHYDRITE **1786 (1787)** **1786 (1787)** **1786 (1787)**  
 B/ANHYDRITE **1787 (1787)** **1787 (1787)** **1787 (1787)**

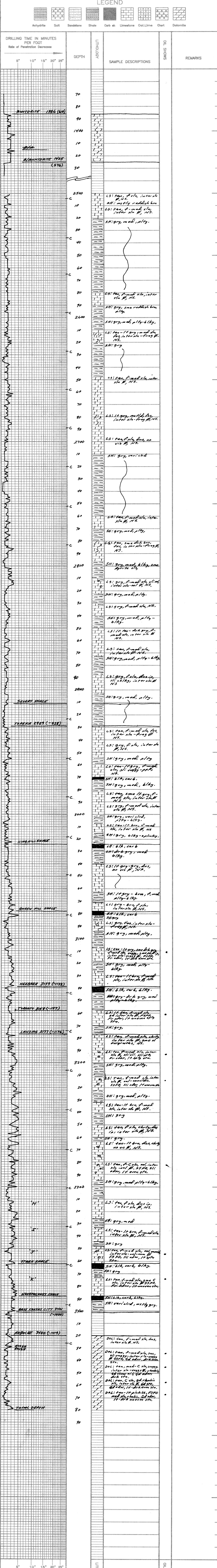
TO PERM **1786 (1787)** **1786 (1787)** **1786 (1787)**  
 LANSING **1787 (1787)** **1787 (1787)** **1787 (1787)**  
 G/KC **1788 (1788)** **1788 (1788)** **1788 (1788)**  
 ARBUCKLE **1789 (1789)** **1789 (1789)** **1789 (1789)**

SAMPLES **16**  
**2**  
**4833**

REFERENCE WELL FOR STRUCUTURAL COMPARISON **ELYSIUM ENERGY LLC**  
**BARREY # 23, SE NW SE, SEC 2-9S-19W,**  
**ROCK COUNTY, KANSAS.**

DATE	DEPTH	LOG	TIME	TYPE	DEPTH	FEET	LOGS
12-20-12	1786	SPROBDED					
12-21-12	1796						
12-28-12	1566						
12-30-12	2190						
12-31-12	2152						
01-01-13	3270						
01-02-13	3480						

No.	Interval	SP/Time	FP/Time	RP/Time	MP/Time	HP/Time	REMARKS



DRILLING TIME Minutes/Foot  
 Rate of Penetration Decreases  
 5" 10" 15" 20" 25"

DEPTH  
 LITHOLOGY  
 SAMPLE DESCRIPTIONS  
 OIL SHOWS  
 REMARKS

CONTRACTOR **DUKE DRILLING RIG #10** LOCATION **NW 3W NE**  
 LEASE **SLANSKY #16** IP **19W**  
 ELEVATION **1790, KG-2001** RTD **3480** SEC. **2** TWP. **9S** RNG **19W**  
 COUNTY **ROCKS** STATE **KANSAS**