

**KEVIN L. KESSLER**  
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**OPERATOR : MULL DRILLING COMPANY INC.**  
**LEASE : WIERMAN 'B' WELL # : 1 - 17**  
**LOCATION : 1021' FSL & 401' FWL**  
**SEC: 17 TWP : 16 S RGE : 22 W**  
**COUNTY : NESS STATE : KANSAS**

**ELEVATION**  
**KB : 2449**  
**GL : 2444**  
MEASUREMENTS FROM  
**KB**

**CONTRACTOR : W W DRILLING RIG # 10**  
**COMM : 02 / 17 / 2011 COMP : 02 / 22 / 2011**  
**RTD : 4530 LOG TD : 4530**  
**SAMPLES SAVED FROM : 3700 TO : RTD**  
**GEOLOGICAL SUPERVISION FROM : 3700 TO : RTD**  
**MUD UP : 3600 TYPE MUD : CHEMICAL**

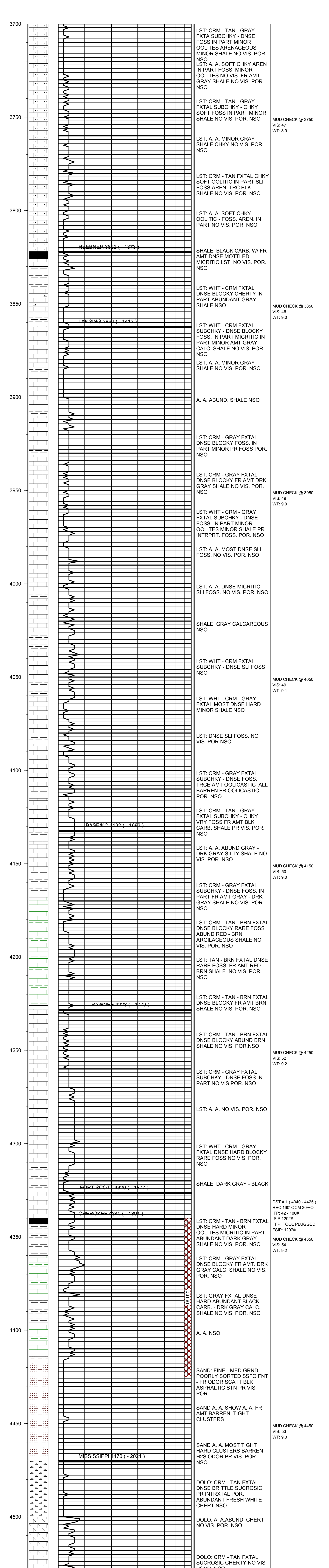
**CASING RECORD**  
**SURFACE :**  
**8 5/8" @ 227**  
**PRODUCTION :**  
**4 1/2" @ 4530**

**ELECTRICAL SURVEYS:**  
**DIL**  
**CNL / CDL**  
**MICRO**  
**SONIC**

FORMATION	TOP	LOG	DATUM	TOP	SAMPLE	DATUM	STRUCT. COMP.
HEEBNER	3822		- 1373	3822		- 1373	+ 04
LANSING	3862		- 1413	3862		- 1413	+ 01
B/KC	4132		- 1683	4132		- 1683	- 01
PAWNEE	4228		- 1779	4228		- 1779	+ 01
FT SCOTT	4326		- 1877	4326		- 1877	- 02
CHEROKEE	4340		- 1891	4340		- 1891	FLAT
MISSISSIPPI	4470		- 2021	4470		- 2021	+ 59

**REFERENCE WELL FOR STRUCTURAL COMPARISON :**

**MULL DRILLING # 1 - 18 SQUIRE SEC. 18 - T 16S - R 22W NESS COUNTY KANSAS**



**COMMENTS:**

**4 1/2 " PRODUCTION CASING WAS SET TO FURTHER EVALUATE THE PRODUCTIVITY OF THIS WELL**

**KEVIN L. KESSLER**