

**KEVIN L. KESSLER**  
**CONSULTING PETROLEUM GEOLOGIST**  
**( 316 ) 522-7338**

**OPERATOR : MULL DRILLING COMPANY INC.**  
**LEASE : McDONALD - SCHWIEN WELL # : 1 - 21 UNIT**  
**LOCATION : 2511' FNL & 1534' FWL**  
**SEC: 21 TWP : 15 S RGE : 23 W**  
**COUNTY : TREGO STATE : KANSAS**

**ELEVATION**  
**KB : 2347**  
**GL : 2347**  
**MEASUREMENTS FROM**  
**KB**

**CONTRACTOR : WW DRILLING RIG # 10**  
**COMM : 09 / 01 / 2012** **COMP : 09 / 07 / 2012**  
**RTD : 4425** **LOG TD : 4424**  
**SAMPLES SAVED FROM : 3600** **TO : RTD**  
**GEOLOGICAL SUPERVISION FROM : 3600** **TO : RTD**  
**MUD UP : 3500** **TYPE MUD : CHEMICAL**

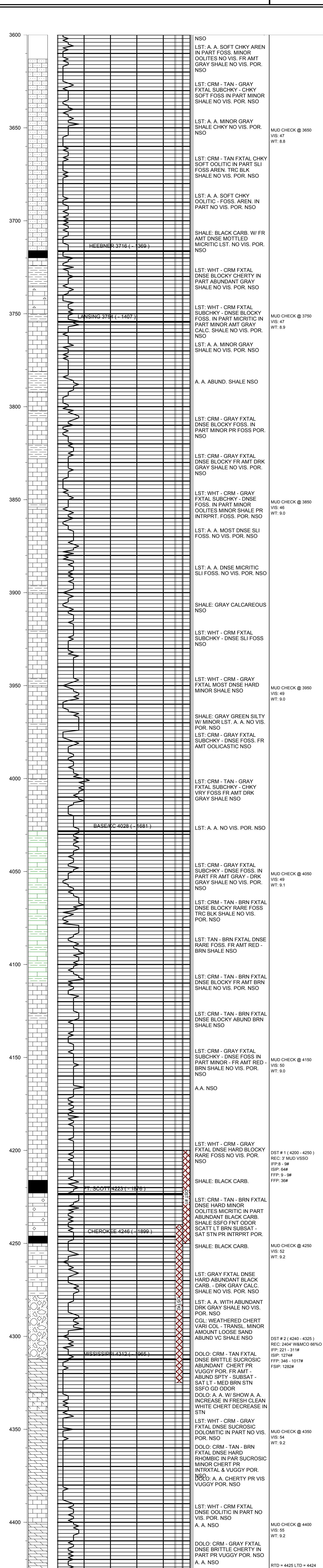
**CASING RECORD**  
**SURFACE :**  
**8 5/8" @ 226'**  
**PRODUCTION :**  
**5 1/2" @ 4425'**

**ELECTRICAL SURVEYS:**

FORMATION	TOP	LOG	DATUM	TOP	SAMPLE	DATUM	STRUCT. COMP.
HEEBNER	3716		- 1369	3716		- 1369	- 04
LANSING	3754		- 1407	3754		- 1407	- 02
BASE/KC	4028		- 1681	4028		- 1681	- 02
FORT SCOTT	4223		- 1876	4223		- 1876	+ 03
CHEROKEE	4246		- 1899	4246		- 1899	+ 01
MISSISSIPPI	4312		- 1965	4312		- 1965	- 02

**DIL**  
**CNL / CDL**  
**MICRO**  
**SONIC**

**REFERENCE WELL FOR STRUCTURAL COMPARISON :**  
**ANGLE EXPL. # 1 SCHWIEN SEC 21 - T 15 S - R 23 W TREGO COUNTY KANSAS**



**COMMENTS:**  
**5 1/2" PRODUCTION CASING WAS SET TO FURTHER EVALUATE**  
**THE PRODUCTIVITY OF THIS WELL**

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