

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

**OPERATOR : MULL DRILLING COMPANY INC.**  
**LEASE : ERB UNIT WELL # : 1 - 24**  
**LOCATION : 105' FNL & 1535' FWL**  
**SEC: 24 TWP : 19 S RGE : 23 W**  
**COUNTY : NESS STATE : KANSAS**

**ELEVATION**  
**KB : 2234'**  
**GL : 2229'**  
MEASUREMENTS FROM  
**KB**

**CONTRACTOR : WW DRILLING RIG # 6**  
**COMM : 05 / 07 / 2014 COMP : 05 / 14 / 2014**  
**RTD : 4475 LOG TD : 4476**  
**SAMPLES SAVED FROM : 3600 TO : RTD**  
**GEOLOGICAL SUPERVISION FROM : 3600 TO : RTD**  
**MUD UP : 3500 TYPE MUD : CHEMICAL**

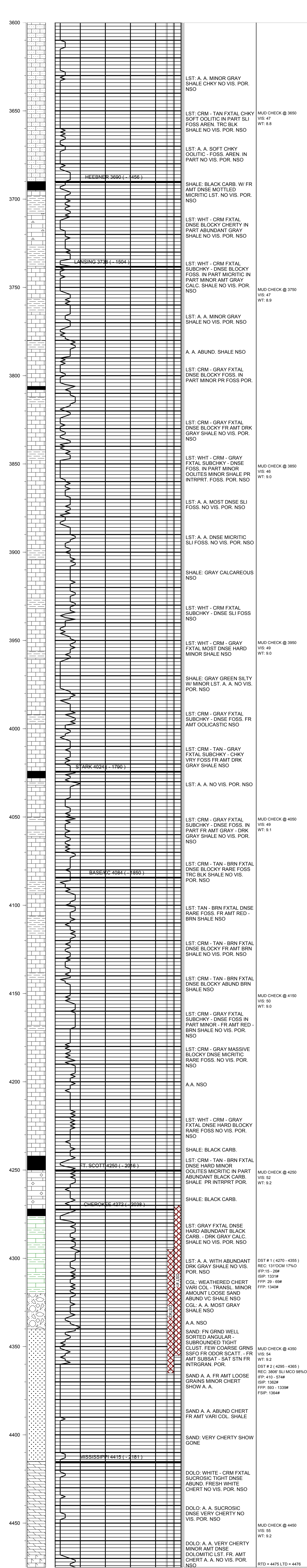
**CASING RECORD**  
**SURFACE :**  
**8 5/8" @ 216'**  
**PRODUCTION :**  
**5 1/2" @ 4475'**

**ELECTRICAL SURVEYS:**

FORMATION	TOP	SAMPLE	DATUM	TOP	LOG	DATUM	STRUCT. COMP.
HEEBNER	3690	- 1456	3690	- 1456			+ 07
LANSING	3738	- 1504	3738	- 1504			+ 06
STARK	4024	- 1790	4024	- 1790			+ 07
BASE/KC	4084	- 1850	4084	- 1850			+ 10
FORT SCOTT	4250	- 2016	4250	- 2016			+ 10
CHEROKEE	4272	- 2038	4272	- 2038			+ 13
MISSISSIPPI	4415	- 2118	4415	- 2118			- 25

REFERENCE WELL FOR STRUCTURAL COMPARISON :  
**MULL DRLG CO INC # 1 - 23 BYRD SEC 23 - T 19 S - R 23 W NESS COUNTY KANSAS**

CDL/CNL  
DIL  
MICRO  
SONIC



**COMMENTS:**  
5 1/2" PRODUCTION CASING WAS SET TO FURTHER TEST  
THE PRODUCTIVITY OF THIS WELL  
KEVIN L. KESSLER