

**KEVIN L. KESSLER**  
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**OPERATOR : MULL DRILLING COMPANY, INC.**  
**LEASE : COFER 'A' WELL # : 1 - 17**  
**LOCATION : 423' FSL & 840' FEL**  
**SEC: 17 TWP : 15 S RGE : 23 W**  
**COUNTY : TREGO STATE : KANSAS**

**ELEVATION**  
**KB : 2320**  
**GL : 2315**  
MEASUREMENTS FROM  
**KB**

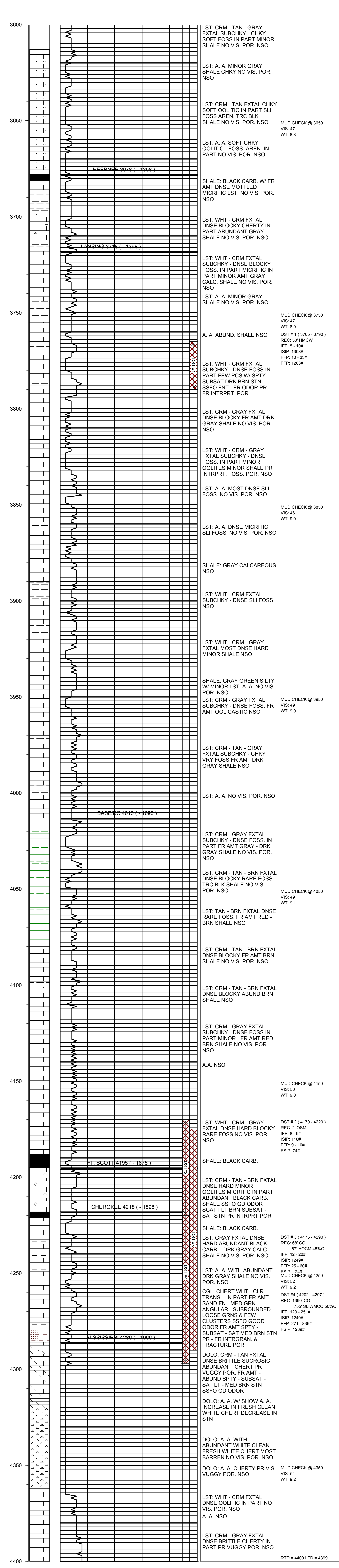
**CONTRACTOR : W W DRILLING RIG # 10**  
**COMM : 06 / 20 / 2013 COMP : 06 / 27 / 2013**  
**RTD : 4400 LOG TD : 4399**  
**SAMPLES SAVED FROM : 3600 TO : RTD**  
**GEOLOGICAL SUPERVISION FROM : 3600 TO : RTD**  
**MUD UP : 3500 TYPE MUD : CHEMICAL**

**CASING RECORD**  
**SURFACE :**  
**8 5/8" @ 215'**  
**PRODUCTION :**  
**5 1/2" @ 4400'**

FORMATION	TOP	LOG	DATUM	TOP	SAMPLE	DATUM	STRUCT. COMP.
HEEBNER	3678		- 1358	3678		- 1358	+ 05
LANSING	3718		- 1398	3718		- 1398	+ 02
BASE/ KC	4013		- 1693	4013		- 1693	+ 02
FORT SCOTT	4195		- 1875	4195		- 1875	+ 07
CHEROKEE	4218		- 1898	4218		- 1898	+ 06
MISSISSIPPI	4286		- 1966	4286		- 1966	- 20

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

**REFERENCE WELL FOR STRUCTURAL COMPARISON :**  
**DIAMOND SHAMROCK # 1 TOEDMAN SEC 17 - T 15 S - R 23 W TREGO COUNTY KANSAS**



**COMMENTS:**

**PRODUCTION CASING WAS SET TO FURTHER  
 EVALUATE THE POTENTIAL PRODUCTIVITY OF THIS WELL**

**KEVIN L. KESSLER**