

Max R. Lovely

# GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

ELEVATIONS

COMPANY **Richie Exploration**

LEASE #1 **Baker 36D**

FIELD **American Beauty**

LOCATION **E/2 NE SE**

SEC **36** T15 R15

COUNTY **Logan** STATE **KS**

CONTRACTOR **W.W. #2**

SPUD **12-1-14** Casing

RTD **4835** LWD **4832**

MUD UP **3367** TYPE **W.D. Chem**

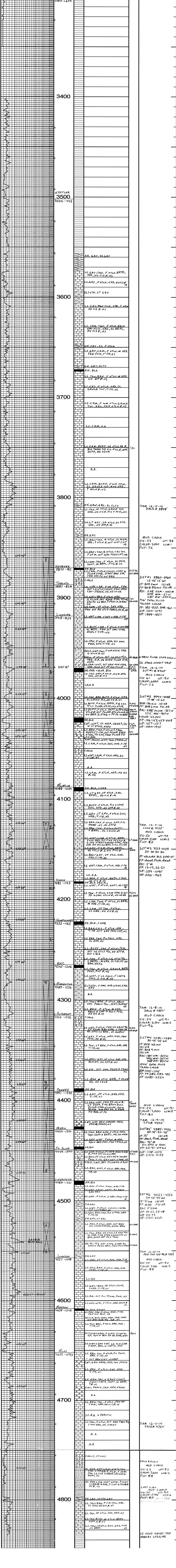
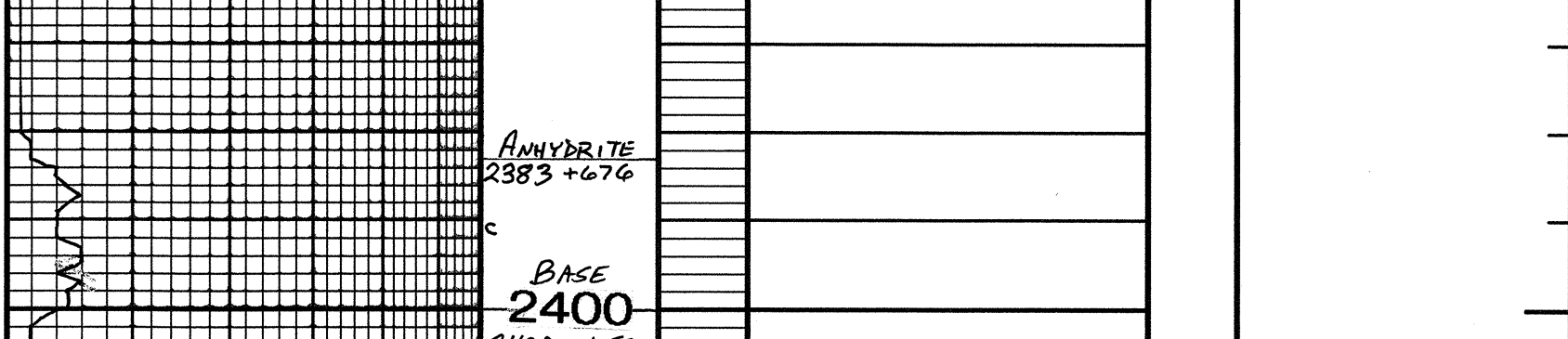
FORMATION TOPS AND STRUCTURAL POSITIONS

| FORMATION      | SHAPE | ELECTRIC TOP | LOG TOP | DATE | STR. POS. | STRUCTURAL POSITION |
|----------------|-------|--------------|---------|------|-----------|---------------------|
| Anhydrite      | 2383  | 2380         | 679     |      | A         |                     |
| Base Anhydrite | 2400  | 2398         | 681     |      | B         |                     |
| Stator         | 3502  | 3502         | 443     |      | C         |                     |
| Hardhat        | 3810  | 3810         | 857     |      | D         |                     |
| Mullica SH     | 4088  | 4087         | 1023    |      | E         |                     |
| Stark SH       | 4182  | 4172         | 1113    |      | F         |                     |
| Palmarion      | 4285  | 4279         | 1220    |      | G         |                     |
| Pawnee         | 4381  | 4389         | 1330    |      | H         |                     |
| El Scott       | 4440  | 4448         | 1388    |      | I         |                     |
| Cherokee SH    | 4480  | 4462         | 1418    |      | J         |                     |
| London SH      | 4800  | 4812         | 1553    |      | K         |                     |
| Mississippian  | 4852  | 4850         | 1581    |      | L         |                     |

REFERENCE WELLS FOR STRUCTURE  
A Ritchie #1 Baker 31C E/2 SE SW 31-15-34W  
B  
C

REMARKS

## LEGEND



10 STVD SHORT TRIP  
NABORS LOGGING