

KANSAS GEOLOGICAL SOCIETY
KANSAS WELL LOG BUREAU - KANSAS WELL SAMPLE BUREAU
 KANSAS GEOLOGICAL SOCIETY BUILDING
 508 EAST MURDOCK - WICHITA, KANSAS

15-065-20606

COMPANY **CHIEF DRILLING, INC.**

SEC. 7 T. 8 N. 23W
 LOC. CSL NW NW

FARM **Hutton**

NO. **3**

TOTAL DEPTH **3820**

COUNTY **Graham**

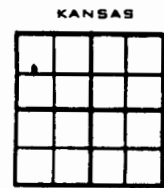
COMM. **7-22-67**

COMP. **7-30-67**

SHOT OR TREATED

CONTRACTOR **Chief Drlg.**

ISSUED **10-28-67**



CASING

20 10
 15 8 5/8" @ 210' w/150 SX
 12 6
 13 5 1/2" @ 3819' w/150 SX

ELEVATION **2323' KB**

PRODUCTION **71 BOPD PLUS**
10 % Wtr./LKC 3738-78

FIGURES INDICATE BOTTOM OF FORMATIONS

| FORMATION | FROM | TO | ELEVATION | |
|-------------------------------|------|------|-----------|--|
| | | | 2318 Gr. | |
| Clay | 0 | 30 | 2320 D.F. | |
| Shale | 30 | 100 | 2323 K.B. | |
| Shale & Sand Streaks | 100 | 180 | | |
| Shale | 180 | 509 | | |
| Anhydrite? | 509 | 514 | | |
| Shale | 514 | 710 | | |
| Shale & Sand | 710 | 1380 | | |
| Shale - Shells & Sand Streaks | 1380 | 1535 | | |
| Sand | 1535 | 1739 | | |
| Shale & Red Bed | 1739 | 1977 | | |
| *Anhydrite | 1977 | 2015 | | |
| Shale & Shells | 2015 | 2195 | | |
| Shale & Lime | 2195 | 2560 | | |
| *2nd Anhydrite Lime | 2560 | 2596 | | |
| Shale & Lime | 2596 | 3620 | | |
| Lime | 3620 | 3820 | | |
| Total Depth | 3820 | | | |

| FORMATION TOPS | | LOG |
|------------------|------|-------|
| Anhydrite | 1977 | + 346 |
| Heebner | 3547 | -1224 |
| Toronto | 3570 | -1247 |
| Lansing | 3582 | -1259 |
| Base Kansas City | 3796 | -1473 |
| Total Depth | 3820 | -1497 |

STATE OF KANSAS, COUNTY OF BARTON) SS

I hereby certify that the above is a true and correct copy of the Driller's Log of the well drilled in the S/2 NW NW of Section 7-8S-23W, Graham County, Kansas, to the best of my knowledge and belief.

CHIEF DRILLING CO., INC.

V. Richard Hoover
 V. Richard Hoover, President

Subscribed and sworn to before me this 7th day of August, 1967.

Carmen R. Cook
 Carmen R. Cook, Notary Public

