

D R I L L E R ' S L O G

COMPANY: HILTON DRILLING COMPANY, INC., ET AL LOCATION: SE NE SW 5-20-11
 CONTRACTOR: HILTON DRILLING COMPANY, INC. Barton County, Kansas
 FARM NAME: HOWARD NO. 1 ELEVATION: 1782 RB
 COMMENCED: 5-20-52
 COMPLETED: 5-31-52

CASING USED: 8 5/8" at 131' with 125 sacks

| | |
|----------------------------|------|
| Sand and Gravel | 70 |
| Iron and Hard Sand | 95 |
| Hard Sand and Blue Shale | 131 |
| Iron, Hard Sand, and Shale | 215 |
| Red Bed and Shells | 455 |
| Red Bed | 530 |
| Anhydrite | 555 |
| Red Bed, Shale, and Shells | 855 |
| Shale and Shells | 950 |
| Salt, Shale, and Shells | 1150 |
| Shale and Shells | 1330 |
| Lime Broken | 1500 |
| Lime | 1730 |
| Sand | 1745 |
| Lime | 1750 |
| Lime and Shale | 1870 |
| Lime | 1975 |
| Shale and Lime | 2675 |
| Lime | 2930 |
| Shale and Lime | 3059 |
| Lime | 3109 |
| Shale and Lime | 3158 |
| Lime | 3335 |
| Total Depth | 3335 |

STATE OF KANSAS)
) SS
 COUNTY OF BARTON)

I, the undersigned, being duly sworn on oath, state that the above statement and log are true and a correct record and log of the well drilled at the location above described.

PLUGGING
 FILE SEC ST 20R 110
 BOOK PAGE 20 LINE 24

RECEIVED
 REGISTRATION COMMISSION
 JUN 4 - 1952
 REGISTRATION DIVISION
 Wichita, Kansas

HILTON DRILLING COMPANY, INC.

Henry Peacock
 Henry Peacock, Secretary

Subscribed and sworn to before me this 3rd day of June, 1952.

Margaret Whitmore
 Notary Public

My commission expires April 4, 1956.