

WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY

503 East Murdock,

Wichita, Kansas

9-34-13W

Company. GRAHAM-MESSMAN-RINEHART DRILLING CO. SEC. 9 T. 34 R. 13W
 Farm- Donovan "F" No. 1

9 T. 34 R. 13W
 NE NE SE

Total Depth. 5456

Comm. 9-7-55

Comp. 9-26-55

Shot or Treated.

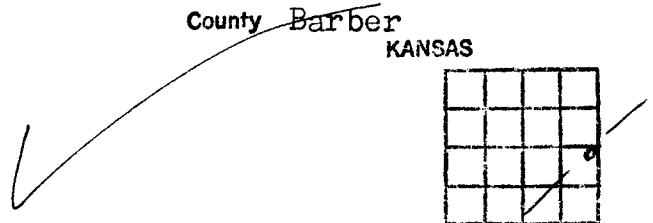
Contractor. G-M-R Drilling Co.

Issued. 10-29-55

CASING:

8 5/8 @ 320' w/ 225 sx cmt.

County Barber
 KANSAS



Elevation. 1729 KB

Production. Dry

Figures indicate Bottom of Formations.

| | |
|--------------------|------|
| clay | 40 |
| red bed & sand | 950 |
| shale & shells | 1595 |
| lime & shale | 3935 |
| shale, lime & sand | 4055 |
| lime | 4058 |
| shale & lime | 4225 |
| lime | 4395 |
| lime & shale | 4448 |
| lime | 4647 |
| lime & shale | 4710 |
| lime | 4775 |
| shale | 4815 |
| lime & chert | 5007 |
| lime & shale | 5028 |
| shale | 5155 |
| Viola | 5196 |
| lime & chert | 5253 |
| dolomite | 5284 |
| lime | 5307 |
| shale | 5360 |
| shale & sand | 5401 |
| sand & Arbuckle | 5446 |
| Arbuckle | 5456 |
| Total Depth | |

TOPS:

| | |
|----------------------|------|
| Douglas sand | 4028 |
| Brown lime | 4193 |
| Lansing | 4198 |
| Marmaton | 4740 |
| Mississippi (Cowley) | 4781 |
| Viola | 5146 |
| Simpson | 5260 |
| Arbuckle | 5405 |