

WELL LOG BUREAU -- KANSAS GEOLOGICAL SOCIETY  
412 Union National Bk. Bldg., Wichita, Kansas

Company - HARBAR DRILLING CO.  
Farm - Smith No. 1

15-103-71150  
SEC. 13 T. 9 R. 17W  
NE SW NW

Total Depth. 3530'

Comm. 12-4-48

Comp. 12-17-48 ✓

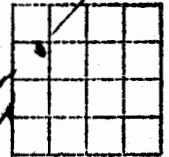
Shot or Treated.

Contractor.

Issued. 2-5-49

County. Rooks

KANSAS



Elevation. 2064' Ind.

Production. Dry

Figures Indicate Bottom of Formations.

|                  |      |
|------------------|------|
| shale            | 660  |
| sand & shale     | 1120 |
| red rock & shale | 1305 |
| anhydrite        | 1338 |
| red rock         | 1345 |
| red rock & shale | 1735 |
| salt & shale     | 1895 |
| shale : lime     | 3195 |
| lime             | 3505 |
| lime cherty      | 3530 |
| Total Depth      |      |

Tops:

|               |      |
|---------------|------|
| Topeka        | 2938 |
| Heebner       | 3152 |
| Toronto       | 3171 |
| Lansing K. C. | 3191 |
| Arbuckle      | 3470 |