

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

Company - THE DERBY OIL COMPANY  
Farm - Kolste No. 3

SEC. 16 T. 9 R. 21W  
NW SE SE

Total Depth. 3746'

Comm. 9-16-47

Comp. 10-9-47

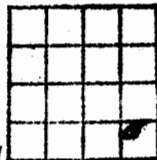
Shot or Treated.

Contractor. G. W. Peel

Issued. 12-6-47

County. Graham

KANSAS



Elevation. 2221 sd + rb

Production. Phys. Pot 497 BO  
No wtr.

Figures Indicate Bottom of Formations.

|                   |      |
|-------------------|------|
| sand & shale      | 242  |
| shale & shells    | 1100 |
| sand              | 1420 |
| shale & shells    | 1682 |
| anhydrite         | 1735 |
| shale & shells    | 1800 |
| lime " shale      | 2275 |
| lime              | 2290 |
| lime & shale      | 2358 |
| shale             | 2375 |
| lime              | 2428 |
| lime & shale      | 2536 |
| lime              | 2596 |
| lime brkn & shale | 2705 |
| limo & shale      | 3241 |
| lime              | 3344 |
| lime & shale      | 3393 |
| lime              | 3658 |
| lime & shale      | 3744 |
| dolomite          | 3746 |

Total Depth

TOPS:

|                  |      |
|------------------|------|
| Heebner          | 3376 |
| Lansing          | 3418 |
| Base Kansas City | 3646 |
| Arbuckle         | 3744 |
| Total Depth      | 3746 |

CABLE TOOL WORK

Drilled plug & CO to 3746  
(R.T.D.) fill up 1000' in  
4 hrs. No wtr. Swabbed  
43 bbls. Swabbing down.  
Then swabbed off bottom:  
9.18 Bbls. 1st hr.  
8.12 " 2nd hr.  
6.68 " 3rd hr.  
6.68 " 4th hr.

Treated W/500 acid by  
Dowell. 575psi. max.  
pressure. Swabbed back  
load oil and acid wtr.  
Then swabbed 20 BOPH  
4 hrs. off bottom. Phys.  
Pot. (10-23-47) 497 Oil,  
no water.

All measruements are from  
derrick floor which was  
5.70' above spider.