

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

Company - DERBY OIL CO.  
Farm - Demuth No. 1.

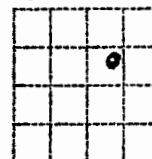
SEC. 22 T. 5 R. 20 W  
NE SW NE

DEEPENING RECORD

Total Depth. 3568  
Comm. 6-20-45  
Shot or Treated.  
Contractor.  
Issued. 9-29-45

Comp. 7-15-45

County. Phillips  
KANSAS



CASING:  
8 5/8" 242' Cem.  
5 1/2" 3544' Cem.

Elevation. \_\_\_\_\_

Production. Pump.Pot. 75 BO plus  
20% Wtr.

Figures Indicate Bottom of Formations.

|                |       |
|----------------|-------|
| sand & shale   | 0-208 |
| shale & shells | 1150  |
| sand           | 1190  |
| shale          | 1200  |
| shale & sand   | 1580  |
| shale          | 1600  |
| sand           | 1640  |
| shale          | 1685  |
| anhydrite      | 1725  |
| shale          | 1955  |
| shale & shells | 2050  |
| shale          | 2286  |
| shale & lime   | 2395  |
| shale          | 2715  |
| shale & lime   | 2736  |
| shale          | 2902  |
| shale & lime   | 3125  |
| lime           | 3186  |
| shale & lime   | 3218  |
| lime           | 3255  |
| lime & shale   | 3272  |
| lime           | 3290  |
| shale & lime   | 3326  |
| lime           | 3401  |
| lime & shale   | 3435  |
| lime           | 3491  |
| shale & lime   | 3558  |
| Arbuckle       | 3568  |
| Total Depth    |       |

DEEPENING RECORD

Comm. 2-18-46  
Comp. 2-23-46  
Pot.100 oil, 6 wtr

lime 3568-3604  
Total Depth.

Prod.before deepening  
8 BO plus 20% wtr in 24  
hrs 1-30-46  
Increase in oil probably  
3574-84; swb test off  
btm 22.5 B.swabbing down  
then swbd an average of  
6 BOPH for 12 hrs -  
ran tbgs & rods

Tops:

Lansing 3371  
Base Kans.City 3492  
Arbuckle 3541

Good odor & sat. 3543-46;DP  
DD s.s.o. 3555-58;small inc.  
oil 3563-68; set 4 1/2" perf. no.  
liner @ 3563' 500A Swab  
down & swab 16 BO no wtr.  
3 hrs. 1500A Swab 6 BOPH  
4 hrs.

Pump Pot.75 BO plus 20% Wtr.