

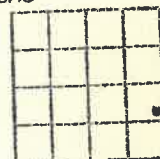
WELL LOG BUREAU — KANSAS GEOLOGICAL SOCIETY
508 East Murdock, Wichita, Kansas

Company - CITIES SERVICE OIL CO.
Farm - Durfee No. 4

SEC. 30 T. 27 R. 4W
SE NE SE

Total Depth. 3756½
Comm. 10-27-49 Comp. 11-15-49
Shot or Treated.
Contractor. R. W. Rine Drlg. Co.
Issued. 8-5-50

County. Sedgwick
KANSAS



Elevation. 1424 R.T.B.

Production. I.P. 581 bbls oil,
0 wtr.,

Figures Indicate Bottom of Formations.

| | |
|-------------------------|-------|
| red rock, shale, shells | 100 |
| shale, shells | 225 |
| shale, sand, shells | 685 |
| lime anhydrite | 720 |
| shale, lime, shells | 820 |
| anhydrite | 855 |
| shale, shells | 995 |
| lime | 1050 |
| shale, shells, lime | 1185 |
| lime, shale | 1500 |
| sandy lime, shale | 1570 |
| shale, shells | 1965 |
| lime | 1985 |
| lime, shale | 2170 |
| shale, shells | 2670 |
| shale, lime | 3040 |
| lime | 3450 |
| lime, shells | 3510 |
| lime, sand | 3555 |
| lime, shale | 3610 |
| shale, shells | 3695 |
| lime, shale | 3740 |
| lime, chert | 3751 |
| lime | 3756½ |
| Total Depth | |

Tops:

| | |
|-----------------------|------|
| Brown Ls. | 2822 |
| Base | 2841 |
| Kansas City-Lans. Ls. | 2858 |
| Base (Est.) | 3322 |
| Miss. Chert (Corr.) | 3705 |

Loaded hole with 3200' / fresh wtr.
before drilling in.

A scum of oil was noted on cleaning out to R.T.D. and a good scum of oil was noted after each run. Gas was noted each time bailer was pulled thru fluid & at T.D. gas was bubbling up thru 3200' wtr. in hole.

Ran tubing and well started flowing (11-16-49). Shut in pressure 385# csg.; 380 tubing.
11-17-49 Opened up & started flowing, well cleaned itself.
Connected up separator.
Open up. Pressure 335#
Flowed about 10 min. 3 to 4 bbls. & went dead.
Swabbed. Flowed awhile considerable oil, but much muddy wtr., etc. (Probably rotary muc, etc.)
Volume of gas possibly less than at #1 & #3.
Gas Pressure declined to 310# after flowing.

¾" choke (Natural)