

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

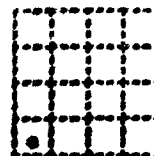
DERBY OIL CO. ET AL
Miller No. 1.

SEC. 17 T. 13 R. 17W.
CS $\frac{1}{2}$ SW SW

DISCOVERY WELL

Total Depth. 3653
Comm. 3-1-41 Comp. 3-23-41
Shot or treated. 500 gal
Contractor. Crow Drilling Co.
Issued. 6-14-41

County Ellis.



CASING.

7" 1352'
4 $\frac{1}{2}$ " 3646'

Elevation.

Figures Indicate Bottom of Formations

Production. Pot. 482 B.
no wtr, Physical.

clay and shells	40
shale and shells	389
sdv shale	538
shale and shells	646
sand	727
lime and shale	788
sand	840
sdv shale	950
shale and lime	1127
lime strks pyrite	1158 ✓
red shale and lime	1202
shale & streaks pyrite	1253 ✓
shale & lime shells	1348
anhydrite	1387
shale & shells	1565
salt	1609
salt and shale	1924
shale and lime	2201
shale	2244
lime	2274
shale and lime	2315
lime	2364
lime and shale	2390
lime	2418
shale	2436
lime	2482
lime and chert	2507
lime	2517
shale	2532
lime	2559
shale	2570
lime	2587
shale & sdv lime	2665
shale and lime	2768
lime	2833
shale & lime	3081
shale	3110
lime	3185
lime and chert	3211

lime	3487
lime soft	3501
lime	3645
dolomite	3653
Total Depth.	

Tops: Lansing 3426
Arbuckle 3645

Porous oolitic zone	3426-29 sh oil
Porous oolitic zone	3442-45 sh oil
Porous oolitic zone	3469-72 sh oil
Porous oolitic zone	3487-3501 good show oil.

Best pay 3646-51
1300' oil total fill up.
Swab 2 $\frac{1}{2}$ B.O.PH for 7 hours off bottom.

500 gal acid.
Swab 20 BOPH for 4 hours off bottom.

Gravity 29.9° corrected.