

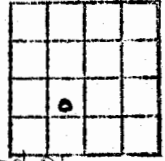
WELL LOG BUREAU -- KANSAS GEOLOGICAL SOCIETY
412 Union National Bk. Bldg., Wichita, Kansas

Company - CITIES SERVICE OIL COMPANY
Farm - Widman No. 1

15-163-01571
SEC. 21 T. 9 R. 18 W
CS $\frac{1}{2}$ NE SW
1526' N & 1980' E of SW corner

Total Depth. 3589 $\frac{1}{2}$ '
Comm. 5-4-47 Comp. 5-22-47
Shot or Treated. Acid. w/1000 gals. 5-29-47
Contractor. R. W. Rino Drilling Co.
Issued. 7-5-47

County. Rocks
KANSAS



Elevation. 2169 set 4 RS

Production. Depth. Pot: 3000 BO,
no wtr, 24 hrs.

Figures Indicate Bottom of Formations.

clay & sand	0-40
shale & shells	470
shale, shells & sand	880
shale & shells	1105
lime	1120
red bed & shells	1315
shale, red bed & iron pyrite	1400
shale	1430
anhydrite	1435
red rock	1495
shale & red rock	1780
shale & shells	2090
lime & sand	2160
shale & shells	2245
lime & shale	2360
shale & shells	2515
lime & shale	2605
shale & iron	2695
shale, shells & iron	2760
shale	2950
shale & lime	3220
lime	3395
lime & shale	3582
3582 RTD= 3582 SLM	
lime	3589 $\frac{1}{2}$
Total Depth	

Tops:
Lansing 3322
Arbuckle 3580
Penetration 9 $\frac{1}{2}$

Fillup:

100' oil in 1 hr. 5 mins. at 3586
300' oil in 1 hr. 35 mins. at 3586
1000' oil in 2 hrs. 40 mins. at 3589 $\frac{1}{2}$
1490' oil in 3 hrs. 40 mins.
2038' oil in 6 hrs. 40 mins.
2238' oil in 10 hrs. 40 mins.

Ind. Cap. 4355 bbls. oil.