

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

Plotted R.W.

CITIES SERVICE OIL CO.  
Windholtz No. 1

SEC. 3 T. 12 R. 17 W.  
NW<sup>1</sup>/<sub>4</sub> SE  
330' S 330' E of Center.

County Ellis.

Total Depth. 3670 = 3665 SLM  
Comm. 5-8-42 Comp. 5-28-42  
Shot or Treated.  
Contractor.  
Issued. 8-29-42



CASING.

85/8" 254' cemented.  
4 1/2" 3665' cemented.  
(Pulled 2490' 9" of 4 1/2")

Elevation.

Production. Dry.

Figures Indicate Bottom of Formations.

rock hard	37
lime and shale	92
shale blue and shells	254
shale and shells	560
sdv shale	655
sand grey	860
sand grey and shells	985
shale dark and shells	1035
shale red and shells	1310
anhydrite	1370
shale red	1375
shale grey and shells	1488
shale red and shells	1620
shale dark and lime shells	1662
shale and shells	1720
salt, shale and shells	1835
shale and shells	1905
lime and shale breaks	2045
lime grey hard	2190
lime and shale breaks	2290
lime grey hard	2384
lime sdv grey hard	2436
lime and shale breaks	2531
shale blue and shells	2550
lime light hard	2582
lime grey hard	2680
shale dark and shells	2700
shale and shells	2758
lime and shale breaks	2790
shale and shells	2950
lime light hard	2995
shale and shells	3048
lime grey hard	3193
lime grey med	3288
lime light hard	3515
lime light med	3598
cored lime(rec. 1 1/2')	3601
cored lime(rec. 3')	3606
lime	3670

Corr. Top Erosional Arbuckle	3588
Corr. Top Solid Arbuckle	3600
Penetration	65'

Drilled cement to 3645 SLM. June 2, 1942  
perforated as follows -

12 shots 3600-05	show free oil
12 shots 3605-15	show free oil
12 shots 3602-06	show free oil
12 shots 3606-15	show free oil

June 7, 1942 perforated 24 shots  
3615-20. Perforated 46  
shots 3588-3600

July 2, 1942 Pumped 7 1/2 oil and 12 1/2  
water in 4 1/2 hours pumped off.

July 3, 1942 Pumped 5 bbls oil and  
13 bbls water in 4 1/2 hours, pumped off.

500 gal 6-3-42.  
2000 gal 6-4-42.  
2500 gal 6-8-42.  
7500 gal 6-11-42

3670 Rot.T.D. = 3665 SLM  
Total Depth.