

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

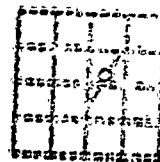
28-12-16W

CITIES SERVICE OIL CO.
Rush No. 1.

SEC. 28 T. 12 R. 16 W
CSL SW NE
300' N. 650' E of center.

Total Depth. 3623
Comm. 10-14-41 Comp. 11-4-41
Shot or Treated. 1000 gal 3442-47 11-21-41
Contractor. Corbett and Barbour Drilling Co.
Issued. 2-14-42

County Ellis.



CASING.

103/4" 342' cemented.
4 1/2" 3590' cemented.

Elevation.

Production. DRY.

Figures Indicate Bottom of Formations.

surface 20
lime 112
shale and shells 340
lime 342
shale and shells 660
sand 715
shale and shells 920
sand and lime 1020
red bed and shells 1283
anhydrite 1320
shale and shells 1880
broken lime 1973
lime 2290
shale 2296
broken lime 2500
lime 2530
shale 2550
lime 2566
shale and lime 2573
lime 2673
shale 2743
shale and shells 2810
lime and shale 2870
shale 3066
lime 3250
shale 3266
lime 3310
shale and lime 3339
lime 3593
cored lime (rec 5 1/2') 3599
3599 Rot. T.D. 3599 SIM
dolomite 3623
Total Depth.

1-2/3 B.W. per hr 3618-23

Cemented back to 3592 & drilled out cem. 3607

Nov 13, 1941. Shot 10 qts 3596-3603. 100'
sand tamp on top of shot. No oil. Plugged
back to 3500' with sand and rock. Plugged
back 3500-3449. with 4 sacks cement.

Nov 18, 1941. Perf. 16 shots 3442-47.
4 bailers water and 1 bailer oil in 5 hours.
Shut down 4 hours and had 3 bailers water
and 1/2 Bailer Oil. Decreased to 1/2 bailer
fluid and 90% water per hr.

Nov 21, 1941. Acidized 1000 gal. Hole filled
2500' Rotary mud. Bailed down to 1100'
from bottom, could not lower fluid, no oil

Nov 26, 1941. Squeezed 50 sacks cement at
3442-47 Top cement 3401.

Dec 1, 1941. Perf. 12 shots 3377-81. 600'
rotary mud in 10 Min. 1200' Rotary
mud in 1 1/2 hours. No cement behind casing.

Dec. 3, 1941 set Halliburton retainer
at 3292. and squeezed 200 sacks cement
thro perforations 3377-81

Dec. 7, 1941. Drilled cement to 3370

Perforated as follows. 35 shots 3348-61 1/2
show oil

35 shots 3323-34
130' fluid in 15 Min.
350' fluid in 1 1/2 hrs.
450' fluid in 2 hrs.
550' fluid in 2-3/4 hrs
Good show oil.

Top Lansing 3295
Arbuckle 3588
Penetration 35'