

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

EMPIRE OIL & REFG. CO.
Wieland No. 1.

SEC. 5 T. 20 R. 9W
NWc NE
250' S 165' E of N/4 Cor.

Total Depth. 3237'
Comm. 11-5-36 Comp. 11-29-36
Shot or Treated. 1000 & 2000 Gals.
Contractor. Corbett & Barbour
Issued. 2-13-37

County. Rice



CASING:

12 $\frac{1}{2}$ " 209'
7 " 3226

Elevation.

Production. Pot. 423 B.

Figures Indicate Bottom of Formations. 18 Wtr 24 hrs.

surface clay	35
sand & red beds	133
shale & shells	209
shale red & sand	350
sdv shale blue & shells	590
shale & shells	840
shale, shells & salt	1190
shale & shells	1430
shale	1510
lime hrd	1555
lime shells, hrd & shale	1620
shells hrd & shale	1715
shale & shells	1750
lime	1875
shale	1903
shale & shells hrd	1967
sdv lime & shale	2098
lime brkn & shale	2238
lime	2241
lime hrd	2253
shale & shells	2265
lime	2307
shale sticky	2385
shale & shells	2432
shale sticky	2451
shale & shells	2493
shale	2570
lime Topeka	2692
shale	2720
lime brkn & shale	2752
lime	2784
lime brkn	2818
shale	2880
lime brkn & shale	2944
Kansas City Lime	3186
lime	3190
conglomerate	3211
sdv shale, grey green with chert & lime pebbles	3221
sdv shale grey drk & greyish green sdv shale, little chert & pyrite	3229
dolomite (trace of oil stain)	3230
SIM Corr. 3230 equals	3226
lime	3237
S.O. 3226-28	
Total Depth.	

1000' oil in 18 $\frac{1}{2}$ hrs
Top Sil. 3225
Pen 12'

Acidized 11-30-36 with 1000 gals.
Pumped 256 bbls. oil
Acidized 12-4-36 with 2000 gals.
Pumped 423 oil & 18 wtr.