

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

EMPIRE OIL & REFG. CO.
Sifers No. 2

SEC. 3 T. 21 R. 11W.
SE NE SW
987'S 330'W of Cen.

Total Depth. 3338
Comm. 8-2-36 Comp. 9-1-36
Shot or Treated.
Contractor. Corbett and Barbour.
Issued. 11-28-36

County. Stafford.

CASING.

12 $\frac{1}{2}$ " 308'
85/8" 3326'

Elevation.

Production. Pot. 393 B.
120 BW 24 Hr.

Figures Indicate Bottom of Formations.

sand	195
sand hard	205
sdv shale hard	260
gravel	273
red rock	430
sand	450
shale	536
red rock	605
shale and lime shells	815
red rock	920
shale and shells	1026
salt and shells	1180
shale	1318
lime	1409
slate hard and shells	1450
shale and shells	1550
lime	1609
shale	1665
lime hard	1670
gypsum	1700
shale and shells	1770
slate	1782
shale and shells	1818
gypsum and lime shells	1852
broken lime	1870
shale	1890
broken lime	1955
shale and shells	1965
lime	1985
shale and shells	2008
shale and broken lime	2084
broken lime	2114
shale	2160
broken lime	2175
shale & shells	2200
broken lime	2215
shale	2310
shale and shells	2360
shale	2390
broken lime	2432
shale and shells	2485
lime	2496
shale	2580
broken lime	2597
shale broken lime	2636
lime hard brown	2668
lime hard	2740

Topeka lime	2820
broken lime & shale	2847
broken lime	2859
lime hard	2870
shale broken lime	2888
broken lime	2904
lime	2920
broken lime	2944
lime	3030
slate hard	3050
shale and red rock	3090
broken lime	3113
K.C. lime	3195
K.C. lime broken	3222
K. C. lime	3305
lime cored	3316
shale green cored	3325
Sil lime (cored)	3328
Good Por and Sat. 3328	
lime	3338
Total Depth.	
show oil	3328
slight Inc.	3335
Pay and show water	3338
3000' of oil in hole	3 BWPHR
Sil lime 3325-38	
T.D.	3338
Pen	13'