

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

EMPIRE OIL & REFG ET AL.
Scheuchzer No. 2. DEEPENING RECORD.

SEC. 20 T. 24 R. 4W
SE NE NW
330' N 222.75' W of E/16
Cor. of NW $\frac{1}{4}$

County. Reno

Total Depth. 3390 $\frac{1}{2}$
Comm. 6-29-36 Comp. 7-25-36
Shot or Treated. 4000 Gals. Acid. 8-3-36
Contractor. Parker Drlg. Co.
Issued. 6-19-37

CASING:

15 $\frac{1}{2}$ " 197'
12 $\frac{1}{2}$ " 545'
8 $\frac{5}{8}$ 3327

Elevation. 1468

Production. 550 B., 50 Wtr.

Figures Indicate Bottom of Formations.

sand 170
shale 220
sand 270
shale 400
shale & shells 500
sand 520
shale & shells 570
lime 580
shale 610
sdy lime white 625
shale grey 635
lime white 650
shale & shells 1020
shale 1040
chert black 1050
shale & shells 1303
shale 2040
brkn lime 2150
shale 2195
lime 2220
lime & shale 2275
shale 2375
lime 2421
shale 2505
lime & shale 2580
lime 2700
brkn lime 2727
lime 2767
brkn lime 2782
shale 2792
shale & streaks of
lime 2864
shale 3032
shale & lime shells 3075
shale 3168

shale & lime shells 3227
shale, lime shells &
vari-colored shales 3280
shale & red rock 3321
cherty lime 3328
SLM Corr. 3328=3329
cherty lime 3331
chert hrd 3333 $\frac{1}{2}$
chert med. 3341
chert sft oil showing 3379
Total Depth

Top Chat 3321' Corr.
Est. S. G. 3329-33 $\frac{1}{2}$
Slight Sat. 3329-36
Mod. Sat. 3336-41
Fair to good Sat. 3341-46
Good Sat. 3346-56
Fair Sat. 3356-71
Fair Sat. 3371-79
T. D. 3379' Corr.

DEEPENING RECORD.

Continental-Empire.
Comm. 4-15-37 Comp. 4-16-37
Prod. Pct. 481 B.C. 270 B.W. 24Hr.
C.T.D. (Rotary D.F. Meas.) 3379
Corr. Rotary D.F. to pumping
D.F. 3379- 3377 $\frac{1}{2}$
wh cherty lime 3377 $\frac{1}{2}$ -3390 $\frac{1}{2}$
Total Depth.
20% with light sat. 3377 $\frac{1}{2}$ -3380 $\frac{1}{2}$
30% with good sat. 3380 $\frac{1}{2}$ -3385 $\frac{1}{2}$
15% with light sat. 3385 $\frac{1}{2}$ -3390
Approx. 200' inc in fluid level.
Est. Prod. before D.D. 156 Oil
155 B W. 24 hours.
Nat. test after D.D. 241 B.C.
175 bbls water 24 hours.
acidized 2000 gal acid