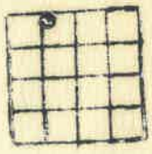
WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY.
412 Union National Bk Bldg.,Wichita,Kansas.

EMPIRE OIL & REFG. CO.
Janssen No. 3

SEC. 3 T. 18 R. 8W
NW NE NW
330'S 995'W of N¼ Cor.

Total Depth. 3260'
Comm. 5-15-36 Comp. 6-16-36
Shot or Treated. 3000 Gals. & 3000 Gals. Acid.
Contractor. Shaffer Drlg. Co.
Issued. 9-5-36

County. Rice



Elevation.

CASING:
12½" 221'
7 3197'
5 3/16" 67' @ 3234' SLM

Production. 435 B.,
20 wtr.

Figures Indicate Bottom of Formations.

surface clay	20
sand	39
clay	90
water sand	150
shale & shells	900
salt	980
shale & shells	1140
brkn lime	1190
shale & shells	1215
brkn lime	1390
shale & shells	1485
brkn lime	1830
shale & shells	2125
brkn lime	2190
shale & shells	2300
brkn lime	2395
shale & shells	2450
lime	2715
shale & shells	2842
lime	2930
brkn lime	3022
lime	3072
brkn lime	3090
lime	3125
brkn lime	3182
lime	3200
shale green & sand	3202
sdy shale	3208
Sh of oil 3202-08	
conglomerate 500' fluid	3231
shale green	3235
lime	3236
SLM Corr. 3236=3234	
(1625' oil in hole)	
lime hrd	3260
Total Depth.	

Top Siliceous lime Corr. 3234'
Acidized with 3000 gals. 6-21-36 and
with 3000 gals. 7-2-36