

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

Company - CITIES SERVICE OIL CO.
Farm - Krueger No. 1

SEC. 35 T. 10 R. 16W
SE SE SE
330' N & 2310' E of S $\frac{1}{4}$ Corner

Total Depth. 3683' P.B. 3552'
Comm. 6-27-48 Comp. 7-13-48
Shot or Treated. Acid. W/5000 gals. (see belos)
Contractor. Holm Drlg. Co.
Issued. 12-4-48

County. Rooks

KANSAS



Elevation. 2084 2nd

Production. Phy. Pot. 903 BO, 135
BO, 2 1/2 hrs.

Figures Indicate Bottom of Formations.

shale	30	Set Lane-Wells plug at 3400'.
sand	50	Set retainer 3352 & squeezed
shale & lime	75	3372-3376 W/100 sx. cem.; 75
shale	150	sx. through perforations at
shale & shells	297	600%. Drilled cem. to 3382 SLM
shale	580	hole filled 1700' oil & 300' wtr.
sand	775	from perfs. at 3372-76. Pumped
shale	870	191 oil, 22 wtr 14 hrs. 3372-76.
shale & shells	1215	
anhydrite	1330	Set limit plug at 3350; dumped 1 sx
shale	1505	calseal on plug; top calseal 3340 SLM
shale & red bed	1565	
shale	1575	Perf. 32 shots 3310-18
shale & shells	1875	" 33 shots 3286-94; 120' fluid 35 mins.
lime	2045	" 16 shots 3258-62
shale & red beds	2070	" 16 shots 3234-38
lime & gypsum	2125	
lime & shale	2250	Swabbed 4 oil, 20 wtr, 10 hrs. from
shale & chalk	2295	zone 3286-94.
shale, lime & gypsum	2400	
shale & shells	2425	Set land-Wells plug at 3302; dumped
lime	2455	cem. on plug; top cem. 3297 SLM
lime & shale	2550	
shale & shells	2710	Set retainer at 3220 & squeezed perfs.
shale	2745	3234-94 W/75 sx. cem.; 58 sx through
shale & shells	2850	perfs. at 2100%.
lime	3220	
lime & shale	3230	Drilled cem. to 3299 SLM
lime	3585	
shale & conglomerate	3598	Perf. 17 shots 3258-62
cherty conglomerate	3647	" 17 shots 3234-38.
dolomite	3683	
Total Depth		Drove plug to 3338.

DST 3651-82, rec. 1992' wtr
no oil, 1/2 hour.

8-21-48 acidized 1000 gals. 3310-18;
Swabbed 49 Bbls. new oil & 7 wtr, 9 hrs.
8-23-48 acidized 1000 gals. 3234-62;
swabbed 13 oil, no wtr, 4 hrs.

Tops:
Topeka 2973
Lansing 3255
Conglomerate 3582
Arbuckle 3649
Penetration 34

Drilled plugs & cleaned out to 3552 SLM

Drilled cement to 3551' SLM
Perf. 20 shots 3537-44.
9 shots 3502-06.
21 shots 3469-77.
23 shots 3444-55.
18 shots 3423-29.
12 shots 3372-76.
90' oil & 185' wtr in 12 hrs.

7-26-48 acid. 1000 gals. 3502-44.
Swabbed 110 oil, 12 wtr, 12 hrs.
7-28-48 acid. 1500 gals. 3423-77.
Swabbed 111 oil, 33 wtr, 10 hrs.
7-30-48 acid. 500 gals. 3372-76.
Swabbed 5 oil, 142 wtr, 12 hrs.