

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

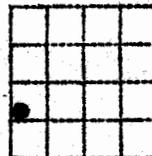
Company - CITIES SERVICE OIL CO.
Farm - Vaughn No. 4.

SEC. 17 T. 14 R. 14 W
SW NW SW
991.7' So. 330' East of W $\frac{1}{4}$ Cor.

DEEPENING RECORD

Total Depth. 3300'
Comm. 8-10-37 Comp. 9-8-37
Shot or Treated. 2000 gal. 9-9-37
Contractor. J.E. Mabee
Issued. 5-5-45

County. Russell
KANSAS



CASING:
12 $\frac{1}{2}$ " 330' Cem.
8 5/8" 3030' Cem.

Elevation. _____

Production. Pot. 1562 B. no wtr
24 hrs. after acid

Figures Indicate Bottom of Formations.

post rock	165	lime	3140
shale & shells	525	lime hrd	3148
red beds	855	lime	3190
shale & shells	874	lime brkn	3195
lime hrd	910	shale	3205
shale & shells	1010	lime	3220
shale	1316	shale	3230
shale & shells	1474	lime $\frac{1}{2}$ BW	3245
shale	1600	3245 = 3248 SLM	
shale & lime	1904	lime	3250
lime	2203	shale	3255
lime brkn	2357	lime	3260
lime & shale	2433	lime sdy	3263
shale & lime shells	2513	lime	3265
shale & lime	2693	lime sdy	3270
lime	2727	sand	3280
shale & lime	2841	quartzite	3300
lime	3020	Total Depth	
cored shale	3026		
lime cored	3030	Tops:	
lime w/shale brks	3046	Lansing	3025
lime	3050	Reagan	3268
show oil & gas 3046-50		Quartzite	3280
lime	3065	Penetration	20'
Total Depth			

Fillup: 2 gals Oil/hr @ 3280
1 BOH @ 3287
130' oil in 6 hrs @ 3300
150' oil in 12 hrs @ 3300

Top Oswald 3026
Penetration 39'

Filled up 800' in 1 hr.
" " 1700' in 2 hrs.
" " 2300' Total fillup

DEEPENING RECORD:

Comm. - 11-19-41 (Contr-R.W.Rine
Drlg.Co.)

Comp. - 11-20-41
Prod. - BHP Gauge Pot. 149380,
107BW

lime 3065-80
lime hd 3088
lime 3105
lime sft 3110
Total Depth.

600' OIH before deepening
Pay ~~3104-07~~

Hole filled 600' to 750' (150') in 1 hr.
Acidized 2000 Gals. 11-25-41
Acidized 2000 Gals. 11-27-41

DEEPENING RECORD

Comm. - 1-26-45
Comp. - 2-20-45
Prod. - Phy. Pot. 17 oil, 3 $\frac{1}{2}$ wtr, 8 hrs.
Shot w/20 qts. 3275-95
Contractor - Keyes Drlg. Co.

5 $\frac{1}{2}$ " csg @ 3266' Cem. (Pulled 2900')

lime sdy 3110-3120
shale & lime 3132