

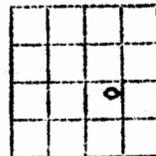
WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY
508 East Murdock, Wichita, Kansas

Company - CITIES SERVICE
Farm - Holy Cross No. 4

15-163-01443
SEC. 4- T. 9 R. 16W
NE NW SE
330' S and 990' E of Center

Total Depth. 3446 = 3442 SLM P.B. 3411
Comm. 5-27-50 Comp. 6-6-50
Shot or Treated. Acid 3000 gals.; shot
Contractor. Holm Drilling Co.
Issued. 9-2-50

County. Rocks KANSAS



Elevation. 1981

Production. I.P. 43 Oil $\frac{1}{4}$ 70 wtr.

CASING:

8 5/8" 240' cem w/175 sx.
5 1/2" 3442' cem w/175 sx.

Figures Indicate Bottom of Formations.

lime, shale	240
shale, shells	470
sand, shale, shells	815
sand	910
red bed, shells	1225
anhydrite	1265
shale, shells	1585
salt, shale, shells	1750
shale, shells	1990
shale, lime	2115
lime, shale	2445
shale	2475
shale, shells	2830
lime, shale	2960
lime	3446 = 3442 SLM
Total Depth	

Tops: Corr.

Lansing	3087
Arbuckle	3412
Penetration	30

Drilled cement to 3415 SLM

Perf. 28 shots 3299-3306
" 33 shots 3206-14
" 21 shots 3168-73
" 34 shots 3153-62
" 28 shots 3143-50; 326' water in 4
hrs. 35 mins.

Set Lane-Wells plug @ 3186

Set retainer at 3125' and squeezed
3143-73 with 200 sacks cement; 179 sacks
through perforations at 1500#.

Drilled cement and drove plug to 3411 SLM

Perf. 21 shots 3168-73
" 29 shots 3126-33
" 17 shots 3096-3100
" 25 shots 3086-92

6-29-50 Acidizing Record:

500 gals 3299-3306
500 gals. 3206-3214
500 gals 3168-3173
500 gals. 3126-3133
1000 gals. 3086-3100