

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

5251

CITIES SERVICE OIL CO.
Ray No. 1

SEC. 32 T 5 R. 20W
NE NW SE
990' E 330' S of Center.

Total Depth. 3603 equals 3601 SIM
Comm. 6-18-40 Comp. 7-5-40
Shot or Treated.
Contractor. Harbar Drilling Co.
Issued. 9- 21-40

County Phillips



CASING.

12 $\frac{1}{2}$ " 130'
5 $\frac{1}{2}$ " 3601'

Elevation.

Production. Pot. 2135 B.

Figures Indicate Bottom of Formations. No wtr. Echo-Meter.

shale and sand	90
surface rock & sand	130
clay and rock	155
sand	210
shale and sand	285
shale and shells	1093
sand and shells	1126
shale and shells	1175
shale	1200
shale and sand	1400
shale	1445
shells and shale	1560
shale & lime shells	1665
anhydrite	1715
shale and shells	2160
lime and shale	2250
shale and shells	2420
lime and shale	2720
lime	2765
shale and lime	2885
shale	2910
lime	2940
lime shells and shale	2980
lime	3288
limo cored(rec. 1 $\frac{1}{2}$ ')	3292
lime	3357
shale and lime	3366
lime	3422
lime hard	3459
lime	3491
lime hard	3506
shale break	3520
lime hard	3527
lime	3566
sand	3571
sand cored(Rec. 8')	3581
sand	3599
sand hard	3603

Top Reagan sand	3543
Corr. Top Granite	3596
Penetration	5'

Perf. with 72 shots 3540-53

FILL UP 250' oil in 25 min.
470' oil in 45 min.
2300' oil in 9 hrs.
2900' oil in 25 hrs.

Physical potential 858 bbls oil, no
water, 24 hours at perf. T.D. 3553,
Perforated 48 shots 3553-63

Rotary total depth 3603 equals 3601 SLM
Total Depth.