

CITIES SERVICE OIL CO.
Kosar No. 4

SEC. 5 T. 16 R. 13W.
CSL SW SE
330' N. & 660' E of S $\frac{1}{4}$ cor.

County Barton.

Total Depth. 3420
Comm. 6-18-41 Comp. 6-29-41
Shot or Treated. None.
Contractor. Hissom Drilling Co.
Issued 9-27-41



CASING.

85/8" 340' cemented.

Elevation.

Production. DRY

Figures Indicate Bottom of Formations.

surface rock & shale	95
shale and lime shells with	
streaks of sand	340
shale and shells and sand	659
shale and shells	900
lime	940
lime and shale	1130
shale and lime broken	1240
sand and lime	1280
shale	1390
salt and shale	1550
shale	1585
lime	1635
shale	1665
broken lime	1805
shale and lime	2100
shale	2130
shale and lime broken	2210
lime hard	2235
shale and lime	2365
shale	2485
shale and lime broken	2545
lime hard	2585
shale	2660
lime hard	2685
lime	2700
shale	2770
lime	2805
shale & lime broken	2880
broken lime	2963
lime	3030
broken lime and shale	3043
lime	3420
Total Depth.	

Top Arbuckle 3397
Penetration 23

3400-04 good porosity, light stain in 10%
3410-20 good porosity, no stain.