

WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY

508 East Murdock,

Wichita, Kansas

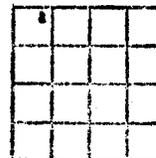
29-21-13W

Company- CITIES SERVICE OIL COMPANY
 Farm- Essmiller "B" No. 4

SEC. 29 T. 21 R. 13W
 NE NW NW
 330' S & 990' E of NW corner

Total Depth. 3709
 Comm. 2-2-52 Comp. 2-20-52
 Shot or Treated. Acid 500 gals 2-22-52
 Contractor. Barbour Drilling Company
 Issued. 5-3-52

County Stafford
 KANSAS



CASING:
 8 5/8" 368' cem w/250 sx
 5 1/2" 3703' cem w/150 sx

Elevation. 1909

Production. 1192 oil, no water
 Draw-Down Potential

Figures Indicate Bottom of Formations.

shale, sand	99
iron	112
sand, shale	370
red bed	790
anhydrite	820
shale, shells	1590
lime, shale	1920
shale	2010
lime, shale	2215
shale	2610
lime, shale	3150
lime	3205
lime, shale	3295
lime	3630
chert, lime	3660
lime, sand	3707
3707 RTD = 3703 SLM	
lime	3709
Total Depth	

Tops: Corr.
 Brown Limestone 3344
 Lansing 3357
 Conglomerate 3605
 Viola 3611
 Simpson 3653
 Arbuckle 3702
 Penetration 7'

DST: 3388-3408, open 1 hr, gas to surface in 55 mins. rec. 85' gas-cut mud, small show of oil in bottom of tool; BHP 920# 15 mins.

DST: 3409-35, open 1 hr., gas to surface in 15 mins., rec. 120' heavily oil-cut mud, 2040' oil slightly gassy; BHP 1070# 15 mins.

DST: 3436-52, open 1 hr., gas to surface in 40 mins. rec. 75' oil-mud, 400' oil, 80' water; BHP 1192# in 15 mins.

DST: 3480-94, open 1 hr., gas to surface in 55 mins., rec. 70' heavily oil & gas-cut mud, 60' muddy gas-cut oil; BHP 1209# in 15 mins.

DST: 3494-3515, open 1 hr., gas to surface in 10 mins. rec. 780' oil and 600' slightly mud-cut oil; BHP 1243# in 15 mins.

Fillup:
 600' oil in 55 mins
 960' oil in 1 hr 25 mins.
 1268' oil in 1 hr 55 mins.
 1405' oil in 2 hrs 10 mins.
 1826' oil in 3 hrs 10 mins.