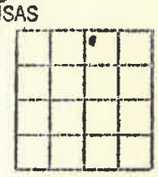
WELL LOG BUREAU – KANSAS GEOLOGICAL SOCIETY
508 E. Murdock, Wichita, Kansas

Company. CITIES SERVICE OIL CO.
Farm. Lorenz No. 2

SEC. 31 T. 27 R. 4W
NW NW NE
330' S, 330' E of N¼ corner

Total Depth. 3747
Comm. 4-6-50 Comp. 4-26-50
Shot or Treated. 1000 gals acid.
Contractor. Rine Drilling Co. Drill In b/ Pabco Drlg.
Issued. 10-14-50

County. Sedgwick
KANSAS



CASING:
13 3/8" 195' cem w/200 sx.
8 5/8" 335' cem w/125 sx.
5½" 3705' cem w/150 sx.

Elevation. 1412 RTB

Production. 1748 bbls oil, 0 wtr.

Figures Indicate Bottom of Formations.

ALL MEASUREMENTS TAKEN FROM R. T. B.

red rock, shale	0-200
shale	670
anhyd.	705
shale, lime shells	905
shale, shells	1065
lime, shale	2085
lime	2500
shale, shells	2665
lime, shale	3140
lime	3380
lime, shale	3465
lime	3525
lime, shale	3683
lime, chert	3734
lime	3747
Total depth	

Scum of oil at 3734, but no free oil while drilling deeper.

Az w/1000 gals., used 77 bbls load oil.

Tops:

Brown lime	2827
Base Brown lime	2837
Lansing lime	2863
Base Lansing lime	3330
Miss. chat	3688

Straight hole survey:
500' OK
1000' OK
1500' OK
2000' ½°
2500' ½°
3000' ½°
3500' 1°

Ran Gamma Ray and Neutron log at 3693'

Steel line measure:
200 = 200
1000 = 1000
2290 = 2290
2700 = 2700
3181 = 3182
3630 = 3630
3691 = 3691
3730 = 3730

2827, NSO
3265-69, brown stain, possibly gas.
3272-73, brown stain, possibly gas.
3292-3301, poor stain, may carry gas.
3688-3708, NSO
3708-15, Stain
3715-20, SSO
3720-27, NSO
3727-30, FSO
3730-36, SSO
3736-44, SO
3744-47, SSO
Best pay 3736-44.