

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

15-103-71607

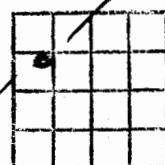
Company- I. O. MILLER
Farm- Arpin No. 1

SEC. 4 T. 9 R. 20
NE SW NW

Total Depth. 3900'
Comm. 3-1-61 Comp. 3-10-61
Shot or Treated.
Contractor. John O. Farmer, Inc.
Issued. 5-27-61

County Rocks

KANSAS



CASING:
8" 206'
5" 3899'

Elevation. 2187' RB

Production. Dry

Figures indicate Bottom of Formations.

COMPLETE DRILLERS LOG NOT AVAILABLE

3873-3900' dolomite, white & pink, fine to medium xln, w/fair porosity.

3333-40' Ls; white to lgt gry, xln & slight chalky, w/rare oil stain & poor saturation. Fair porosity present.

Total Depth 3900'

Corrected from pipe strap

3500-3515' Ls; cream to lgt gry, sucrosic, partly oolitic, and xln, w/scattered lgt and dark oil stain. Fair saturation w/free oil & good porosity.

TOPS:	SAMPLES
Anhydrite (scout)	1700
Neenah Shale	3379
Toronto Ls	3403
Lansing-Kansas City	3420
Base Kansas City	3635
Conglomerate	3701
Arbuckle Dolomite	3710
Total Depth	3900

3386
3410
3427
3642
3708
3717
3907

3555-3560' Ls; white to off-white, xln, dense w/rare oil stain & poor saturation.

3570-3577' Ls; off-white to lgt gray dense w/rare oil stain & poor saturation.

Note: All depths on sample descriptions and drill stem tests are taken from samples and drilling time. The correct was recognized, but not applied during the drilling of the well.

3590-3595' Ls; tan, xln, and partly oolitic, w/rare oil stain, poor saturation & porosity.

3710-3718' dolomite, tan, brn & white, dense to fine xln w/brown oolitic chert. Fair oil stain w/good saturation. Free oil & odor present. Slight vugular and xln porosity.

DST #1 3495-3520', op 1 hr, w/stro blow thruout, rec. 1765' salt water; IBHP 1340#/20 min, IFP 185#/20 min FFP 800#, FBHP 1240#/20 min.

3718-3725' dolomite, as above, w/good oil stain & saturation. Good odor & free oil present. Fair porosity. Very cherty.

DST #2 3711-18', op 1 hr, w/weak blow for 8 min, rec. 3' free oil 20' heavily oil cut mud IBHP 745#/20 min, FBHP 230#/20 min.

3725-3734' dolomite, white, fine to medium xln, w/scattered oil stain, fair saturation w/free oil & odor present. Abundant rounded, frosted sand grains and sand fairly uniform. Sand inclusions in the dolomite, also. Fair porosity.

DST #3 3717-25', op 1 hr, w/weak blow 10 min, rec. 5' free oil, 5' heavily oil cut mud. IBHP 565#/20 min. FBHP 125#/20 min.

3734-3752', dolomite, white, pink, and tan, xln, dense, slightly sandy, w/abundant chert. Scattered oil stain, poor saturation, and slight porosity. Free oil but no odor.

DST #4 3728-38', op 1 hr, w/weak blow for 3 min, rec. 1' free oil, 4' oil cut mud. IBHP 530#/20 min. FBHP 0#/20 min.

3752-3569', dolomite, as above, w/poor oil saturation & staining was darker & heavier.

3769-3784', dolomite, white, coarse xln, w/rare oil stain, and dead oil stain. Poor saturation. Good porosity.

3784-3800', dolomite, white to tan xln w/a trace of dead oil.

3800-3826', dolomite, white to tan coarse xln and porous.

3826-3833' dolomite, as above & very cherty.

3833-3873' dolomite, white coarse xln & rhombic w/very good porosity. Trace of carry residue.