

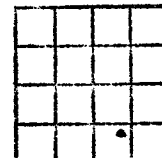
WELL LOG BUREAU--KANSAS GEOLOGICAL SOCIETY
508 East Murdock, Wichita, Kansas

2-15-14W

Company- NATIONAL COOPERATIVE REFINERY ASSOCIATION SEC. 2 T. 15 R. 14W
Farm- Michel "A" No. 11 NE SW SE

Total Depth. 2322
Comm. 12-12-51 Comp. 12-25-51
Shot or Treated.
Contractor. Pam-Kar Drlg Co.
Issued. 2-16-52

County Russell
KANSAS



CASING:
10 3/4" 710'
7" 2305'

Elevation. 1711

Production. Pmp 87 BO / 20% water

Figures Indicate Bottom of Formations.

surface soil	10
sand, gravel	20
shale	45
sand	60
shale	85
red beds, sand	130
sand, shale	195
sand, pyrite	295
sand, pyrite, shale	465
redbeds, shale	650
redbed	708
anhydrite	745
redbeds, shale	795
shale, shells	1110
s&t, shale	1445
shale, shells	1525
lime broken	1610
lime	1670
lime, shale	1785
lime broken	1830
lime	1900
lime, shale	2224
shale, lime	2271
shale, shells	2291
shale, lime	2304
sand	2306
sand	2322
Total Depth	

Tops: Scout.
Tarkio 2304