

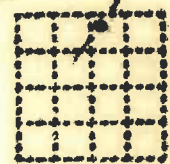
58864

NATIONAL REFG.CO-BARTLETT & CRUM ET AL
Schartz No. 1.

SEC.34 T.19 R.12 W
NWc NE

Total Depth. 3446'
Comm. 1-16-43 Comp. 2-7-43
Shot or Treated.
Contractor.
Issued. 3-20-43

County. Barton



CASING:
10 $\frac{3}{4}$ " 197' Cem.

Elevation.

Production. Dry

Figures Indicate Bottom of Formations.

surface clay	0-20
sand & gravel	70
sand hd	120
sand hd & gravel	175
sand & gravel	190
shale & shells	340
red bed	650
shale & red bed	800
shale & shells	1270
salt & shale	1415
anhydrite & shale	1495
anhydrite & sand	1565
shale & lime	1595
lime	1660
pyrite	1665
lime	1700
lime brkn	1720
lime sdy & shale	1805
lime sdy	1870
lime & shale	1970
shale & shells	1990
shale & lime	2130
shale & lime brkn	2365
lime & shale	2440
shale & lime shells	2495
shale & shells	2500
lime & shale	2570
lime brkn	2700
lime & shale	2770
lime	2923
lime hd	2936
shale & lime	2941
lime	3015
lime & shale	3025
shale	3102
lime & shale	3120
lime K.C.	3239
lime-some pyrite	3271
lime cherty	3323
lime	3362
lime & shale	3377
conglomerate	3396
lime Arbuckle	3446
Total Depth.	

Geological Tops:	
Ft. Riley	1680
Howard	2642
Topeka	2722
Heebner	2986
Lansing (Brn Ls)	3102
Lansing (Wh Ls)	3126
Porous oolitic zone	3207-26
very small sh oil	
Winterset	3245
Cherty Conglomerate	3377
Arbuckle	3396

Note: All Tops are Rotary
Table Measurements