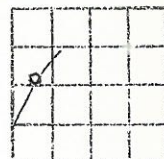


WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY
500 East Murdock, Wichita, Kansas

Company- NATIONAL COOPERATIVE REFINERY ASSOCIATION SEC. 1 T. 14 R. 15W
Farm- Ehrlich "A" No. 3 CS/2 SW NW

Total Depth. 3324
Comm. 11-11-52 Comp. 11-29-52
Shot or Treated.
Contractor. Anschutz Drilling Co., Inc.
Issued. 12-27-52

County Russell
KANSAS



CASING:
8 5/8" 320' cem w/175 sx

Elevation. 1885

Production. dry

Figures in brackets indicate bottom of formations.

shale, shells	220
sand	260
shale	500
sand	550
shale, red bed	625
red bed	914
anhydrite	960
shale	1260
salt	1400
shale, shells	1580
lime	1865
shale, lime	1945
lime	1960
shale, lime	2105
lime	2225
shale, lime	2447
coring 2447 -	2546
Reaming 2447-2546	
Coring 2546 -	2614
Reaming 2546-2614	
shale, lime	2645
shale	2745
lime	2996
shale Heebner	3000
lime, shale, sdy lime	3050
lime	3163
lime cherty	3210
lime	3250
shale, lime	3304
sand Regan	3324
Total Depth	

Tops: Scout.	
Anhydrite	914
Tarkio	2539
Topeka	2777
Heebner	2996
Lansing	3051
Sand	3301