

9-11-18W

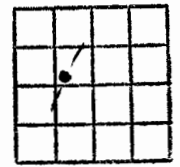
WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY  
508 East Murdock, Wichita, Kansas

Company- NATIONAL COOPERATIVE REFINERY  
Farm- O'Brien No. 1

SEC. 9 T. 11 R. 18W  
SW SE NW

Total Depth. 3580'  
Comm. 1-9-58 Comp. 1-22-58  
Shot or Treated.  
Contractor. K & E Drilling, Inc.  
Issued. 3-22-58

County Ellis  
KANSAS



Elevation. 1945

Production. Dry

CASING:  
8 5/8" 247' cem w/175 sx

Figures indicate Bottom of Formations.

shale & shells 247  
shale 535  
sand & shale 1090  
red bed & shale 1262  
Anhydrite 1295  
shale & shells 1850  
lime & shale 2975  
lime 3113  
lime & shale 3180  
lime 3580-RTD  
Total Depth

TOPS: SCOUT  
Anhydrite 1262  
Topeka 2928  
Heebner 3151  
Toronto 3170  
Lansing 3193  
Base Kansas City 3418  
Conglomerate 3452  
Simpson 3493  
Arbuckle 3540