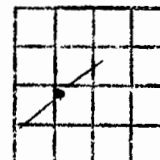


WELL LOG BUREAU--KANSAS GEOLOGICAL SOCIETY  
 508 East Murdock, Wichita, Kansas

Company- NATIONAL COOPERATIVE REFINERY ASSOCIATION SEC. 20 T. 12 R. 17W  
 Farm- Schmiedlor No. 1 NW NE SW

Total Depth. 3740  
 Comm. 10-17-53 Comp. 11-1-53  
 Shot or Treated.  
 Contractor.  
 Issued. 12-12-53

County Ellis  
 KANSAS



CASING:

No Casing Record

Elevation. 2152

Production. Dry

Figures indicate Bottom of Formations.

surface & clay	60
shale & clay	205
shale & lime	213
shale & clay	610
shale & clay & red bed streaks	860
sand	990
shale & red bed	1280
red bed	1363
anhydrite	1408
shale & shells	1990
shale & red bed & clay	2025
shale & shells, lime strks	2275
lime & shale	3150
lime	3180
lime & shale	3228
lime	3695
conglomerate	3708
sompson	3713
arbuckle	3740
Total Depth	

SCOUT TOPS:

Lansing	3420
Conglomerate	3660
Arbuckle	3711