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

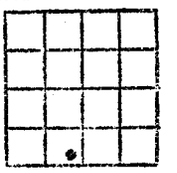
15-065-00310

Company-EMPIRE DRILLING COMPANY
Farm- Madden - Davis 'A' No. 1

SEC. 16 T. 8 R. 25W
SE SE SW

Total Depth. 3870
Comm. 6-30-52 Comp. 7-19-52
Shot or Treated.
Contractor. Empire Drilling Company
Issued. 7-11-53

County Graham
KANSAS



Elevation. 2297

Production. 80 Bbls. + 30% wtr

CASING:
8 5/8" 185' cem. w/ 135 sx
5 ½" 3868' cem. w/ 100 sx

Figures Indicate Bottom of Formations.

sand	80
shale & shells	400
shale sand & shells	1525
shale & shells	2040
shale	2048
anhydrite	2075
shale & lime	2495
shale & shells	2590
shale & lime	3660
lime	3870
Total Depth	

TOPS:

Topeka	3381
Heebner	3391
Toronto	3617
Lansing-K.C.	3634
Base K.C.	3848

Cable Tool Log
Perforated 24 cone shots from 3795' to 3801', recovered ½ barrel of oil per hour- no water, acidized with 1500gals. of acid - 1000# maximum pressure - 575 minimum. Swabbed 3 bbls. of oil and 1 barrel of water por hour - 17-hour test.

D.S.T. #1 - 3647' to 3667'
D.S.T. #2 - 3697' to 3717'
D.S.T. #3 - 3753' to 3764'
D.S.T. #4 - 3667' to 3804'

Schlumberger Electric Log - 3870'
Lane-Wells Electric Log - 3834'