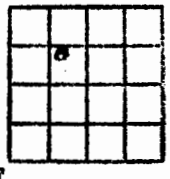
31-24-13W

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

Company. REX & MORRIS DRILLING CO. & PETROLEUM, INC. SEC. 31 T. 24 R. 13W
Farm. Harter No. 1 NW SW NW

Total Depth. 4138'
Comm. 10-9-61 Comp. 11-19-61
Shot or Treated.
Contractor. Rex & Morris Drlg.
Issued. 6-30-62

County Stafford
KANSAS



Elevation. 1949' DF

Production. 3,000,000 CFG & 20 BOPD

CASING:
8 5/8" 250' cem w/225 sx.
4 1/2" 4138' cem w/100 sx.

Figures Indicate Bottom of Formations.

surface hole	250
shale	850
Anhydrite	875
shale & lime	1775
lime & shale	2675
shale & lime	2960
lime & shale	3485
shale	3643
lime	3953
lime & shale	4100
lime	4138 RTD
Total Depth	

TOPS: SCOUT

Heebner	3505
Toronto	3525
Douglas	3543
Brown Lime	3643
Lansing	3676
Base Kansas City	3949
Conglomerate	4030
Mississippi Chert	4044
Kinderhook	4058
Viola	4131

Perf. 4046-60', 14' w/4 shots per foot.
Acid 250 gal.
Acid Petrofraced w/7% acid & 9000# sand.