

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

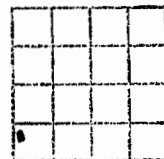
Company- HELMERICH & PAYNE, INC.
Farm Koelsch No. 4

SEC. 24 T. 24 R. 14W
NW SW SW

990' N of SL 330' E of WL

County Stafford
KANSAS

Total Depth. 3905
Comm. 6-4-53 Comp. 6-16-53
Shot or Treated. Perf. & Acid. 2000 gals. 3740-48
Contractor. Hilton Drilling Co.
Issued. 8-8-53



CASING:

8 5/8 set at 844' w/ 500 sx cement
5 1/2 set at 3904' w/ 125 sx cement

Elevation. 1947 DF

Production Pot. 1139 BO

Figures indicate bottom of formations.

sand	40
sand & gravel	120
shale	230
red bed	250
red bed, shale & shells	660
red bed	835
anhydrite	855
red bed	890
shale & shells	1130
broken lime	1880
lime	1995
sand	2125
lime	2465
lime & shale	2905
broken lime	2970
lime	3493
brown lime	3587
lime	3865
lime & shale	3905
Total Depth	

TOPS

Anhydrite	835
Heebner	3454
Brown lime	3587
Lansing	3613
Base KC	3887