

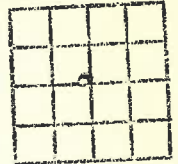
WELL LOG BUREAU--KANSAS GEOLOGICAL SOCIETY
503 East Murdock,
Wichita, Kansas

Company- FRONTIER OIL CO.
Farm- Kirkman No. 1

SEC. 20 T. 19 R. 13W
SE SE NW

County Barton
KANSAS

Total Depth. 3460
Comm. 8-22-55 Comp. 9-5-55
Shot or Treated.
Contractor.
Issued. 12-24-55



CASING:
8 5/8 @ 769' w/ 400 sx cmt.
5 1/2 @ 3437' w/ 125 sx cmt.

Elevation. 1856 DF

Production. 105 BOPD

Figures indicate Bottom of Formations.

sand	100
shale & shells	135
shale & sand	290
Dakota sand	400
red bed & shale	620
red rock & shale	758
anhydrite	783
shale & shells	1085
shale, shells & salt	1500
lime & shale	2845
shale & shells	3025
lime & shale	3165
lime	3411
lime & shale	3445
lime	3452
cherty conglomerate & lime	3460
Total Depth	
TOPS:	
Heebner	3062
Brown lime	3158
Lansing-K. C.	3169
Arbuckle	3434