

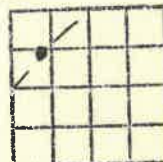
WELL LOG BUREAU--KANSAS GEOLOGICAL SOCIETY  
508 East Murdock, Wichita, Kansas

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

SEC. 20 T. 19 R. 13W  
C E/2 W/2 NW

Total Depth. 3495  
Comm. 3-23-56 Comp. 4-3-56  
Shot or Treated.  
Contractor. Coppinger Drilling, Inc.  
Issued. 5-5-56

County Barton  
KANSAS



CASING:  
8 5/8 @ 768' w/ 350 sx cmt.

Elevation. 1856 DF

Production. Dry

Figures indicate Bottom of Formations.

sand	70
gravel	145
blue shale	320
sand	350
shale	455
red bed	620
red bed & shale	735
red bed	758
anhydrite	785
shale	1000
shale & shells	1365
shale & salt	1525
shale & shells	1585
lime & shale	1620
lime	1700
lime & shale	2200
lime	2245
lime & shale	2365
shale & broken lime	2565
lime & shale	2950
lime	3075
shale & lime	3120
shale	3185
lime	3280
lime & shale	3285
lime	3405
lime, chert & shale	3470
lime	3495
Total Depth	

TOPS:	
Anhydrite	758
Heebner	3087
Brown lime	3184
Lansing-K. C.	3197
Conglomerate	3418
Arbuckle	3482