

WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY

508 East Murdock,

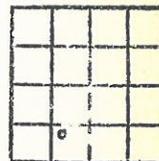
Wichita, Kansas

Company FRONTIER OIL COMPANY
Farm- Kraus "A" No. 4

SEC. 22 T. 14 R. 19W
NW SE SW

Total Depth. 3719'
Comm. 10-24-59 Comp. 11-5-59
Shot or Treated.
Contractor. Red Tiger Drilling Co.
Issued. 2-27-60

County Ellis
KANSAS



Elevation. 2103 DF

Production. 83 BOPD

CASING:

8 5/8" 202' cem. w/135 sx.
4 1/2" 3714' cem. w/150 sx.

Figures Indicate Bottom of Formations.

sod shale	202
shale	365
sand	470
red bed shale	525
shale	870
sand	1050
red beds & shale	1230
shale shells	1379
anhydrite	1420
shale & shells	1525
shale shells	2000
lime shale	2035
lime & shale	2435
lime shale	2695
shale & lime	2885
lime shale	3040
lime & shale	3270
lime	3665
lime & chert	3713
lime	3719RTD
Total Depth	

TOPS:

Anhydrite	1379
Heebner	3357
Lansing-Kansas City	3404
Base of Kansas City	3645
Marmaton Chert	3688
Arbuckle	3713