

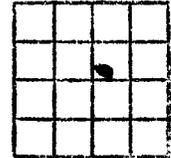
WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY  
508 East Murdock, Wichita, Kansas

Company- FRONTIER OIL CO.  
Farm- Madden No. 5

SEC. 4 T. 13 R. 17W  
SW SW NE

Total Depth. 3583'  
Comm. 3-29-62 Comp. 4-7-62  
Shot or Treated.  
Contractor. Red Tiger Drilling Co.  
Issued. 9-29-62

County Ellis  
KANSAS



CASING:  
3 5/8" 215' cem w/135 sx.  
5 1/2" 3576 1/2' cem w/150 sx.

Elevation. 2052' DF

Production. 83 BOPD, NW

Figures Indicate Bottom of Formations.

surface clay shale	215
shale	700
sand	900
shale	1246
anhydrite	1286
shale & shells	1330
shale	1900
shale & lime	2080
lime	2425
lime & shale	3206
lime	3577
lime ?	3583 RTD
Total Depth	

TOPS:	
Anhydrite	1246
Heebner	3270
Lansing Kansas City	3316
Base Kansas City	3548
Simpson Shale	3569
Arbuckle	3575