

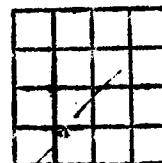
**WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY**  
**508 East Murdock, Wichita, Kansas**

**Company-** FRONTIER OIL COMPANY  
**Farm-** Galliard **No.** 1

**SEC.** 1 **T.** 14 **R.** 12W  
 NW SE SW

**Total Depth.** 3339'  
**Comm.** 5-16-64 **Comp.** 5-23-64  
**Shot or Treated.**  
**Contractor.** Red Tiger Drilling Company  
**Issued.** 7-25-64

**County** Russell  
 KANSAS



**Elevation.** 1801' DF

**Production.** Dry

**CASING:**

8 5/8" 227' cem w/170 sx.

**Figures Indicate Bottom of Formations.**

surface soil, post rock & shale	228
shale, redbed & sand strks.	580
redbed	677
Anhydrite	710
shale & shells	1372
shale & lime	1950
shale & shells	1990
shale, lime & shells	2300
shale & lime	2624
Topeka	2680
lime & shale	2860
lime	2865
Heebner	2869
shale	2949
Brown Lime	2962
lime	3316
Arbuckle	3339 RTD
Total Depth	

**TOPS: LOG**

Anhydrite	677
Topeka	2624
Heebner	2864
Toronto	2884
Brown Lime	2948
Lansing Kansas City	2962
Conglomerate	3285
Arbuckle	3316