

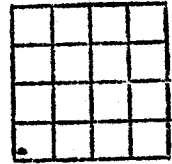
**WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY**  
**508 East Murdock, Wichita, Kansas**

Company- MCNEISH & GRALAPP  
 Farm- Grover No. 1

SEC. 13 T. 35 R. 2E  
 SW SW SW

Total Depth. 3187'  
 Comm. 2-21-54 Comp. 3-11-54  
 Shot or Treated.  
 Contractor. Watson Drlg. & M. G. M. Drlg.  
 Issued. 7-24-54

County Summer  
 KANSAS



**CASING:**

8 5/8" 104' cem w/75 sx  
 5 1/2" 3172' cem w/75 sx

Elevation. 1207'

Production. Pmp 30 B0

Figures indicate Bottom of Formations.

shale & shells	98
lime	100
lime & shale	1875
sand, shale & red rock	2008
shale, lime & sand strks.	2095
shale & sand	2360
shale	2375
sand & shale	2550
shale	2717
shale & lime strks.	2770
shale	2863
sand & shale	2955
shale	2962
shale & lime strks.	3025
lime & shale	3110
lime	3152
shale	3171
sand	3182
shale	3187
Total Depth	

Tops: Scout  
 Layton 2856  
 Cleveland 3168

Dumped 5 ft. Cal Seal.  
 Sand frac 12,000 lbs sand.  
 Flowing well