

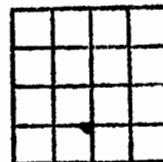
**WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY**  
**508 East Murdock, Wichita, Kansas**

Company- SHELL OIL CO.  
 Farm- Knipp No. 10

SEC. 14 T. 9 R. 21W  
 NE SE SW

Total Depth. 3770'  
 Comm. 9-27-63 Comp. 10-7-63  
 Shot or Treated.  
 Contractor. Garvey Drig. Co.  
 Issued. 5-29-65

County Graham  
 KANSAS



**CASING:**

Elevation. 2256' DF

8 5/8" 356' w/200 sx cem.  
 4 1/2" 3770' w/290 sx cem.

Production. Pmp 108 BOPD & 12  
 BHPD

Figures Indicate Bottom of Formations.

clay	105
shale	356
shale, shells	1220
sand	1400
shale, shells	1705
Anhydrite	1746
shale, shells	2120
shale w/lime strks	2342
shale, brown lime	2540
lime, shale	2915
shale, lime	3080
lime, shale	3410
lime	3770
<b>Rotary Total Depth</b>	

TOPS: S&OUT	
* Anhydrite	1705
Heebner	3398
Topeka	3190 3420
Toronto	3420
Lansing	3436
Sooy	3670

\* Sample top.