

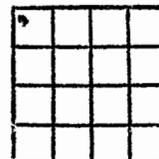
**WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY**  
 508 East Murdock, Wichita, Kansas

Company. EMPIRE DRILLING COMPANY  
 Farm. St. Peter Township 2

SEC. 14 T. 10 R. 25W  
 NW NW NW  
 330' S of NL & 230'  
 E of WL of NW/4

Total Depth. 4235'  
 Comm. 8-13-60 Comp. 8-25-60  
 Shot or Treated.  
 Contractor. Empire Drilling Co.  
 Issued. 10-1-60

County Graham  
 KANSAS



Elevation. 2503' RB

8 5/8" @ 92' w/100 sks. cem.  
 5 1/2" @ 4014' w/100 sks. cem.

Production. 171 BOPD

Figures Indicate Bottom of Formations.

surface	104
shale-shells	1275
sand-shale-shells	1800
shale-shells	2140
Anhydrite	2173
shale-shells	2970
shale-lime	3100
shale	3200
lime-shale	3275
shale-lime	3665
lime-shale	3765
lime	3935
lime-shale	3960
lime	3980
lime-shale	4010
shale-lime	4085
lime-shale-chert	4140
shale-lime	4235 RTD
Total Depth	

<u>TOPS:</u> (Electric Log)		<u>SCOUT</u> <u>TOPS</u>
Anhydrite		2140
Heebner	3742	3742
Toronto	3765	3765
Lansing	3780	
Zone 2	3808	
Zone 2A	3819	
Zone 4	3850	
Zone 6	3908	
Zone 6A	3928	
Zone 7	3950	
Zone 8	3971	
Base Kansas City	4005	4005
Cherokee Group	4202	4202
Cherokee Lime	4208	4208