

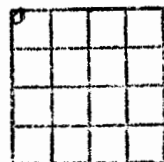
**WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY**  
**508 East Murdock, Wichita, Kansas**

Company- GREENLAND DRILLING CO. et al  
 Farm- English No. 1

SEC. 13 T. 24 R. 15W  
 NW NW NW

Total Depth. 4210  
 Ccmm. 6-17-54 Comp. 7-21-54  
 Shot or Treated.  
 Contractor. Greenland Drilling Co.  
 Issued. 12-24-55

County Stafford  
 KANSAS



CASING:  
 8 5/8 220'  
 5 1/2 @ 4208'

Elevation. 2006 DF

Production. 186 BOPD

Figures Indicate Bottom of Formations.

sand & clay	70
shale w/ sand streaks	155
shale & shells	280
red bed w/ sand streaks	956
anhydrite	977
shale & shells	1275
shale & shells w/ salt	1775
lime & shale	1830
lime & shale breaks	2020
lime	2075
lime & shale	2205
lime w/ shale breaks	2340
shale & lime	2935
lime & shale breaks	3025
shaled lime	3110
lime w/ shale breaks	3155
lime & shale	3365
lime, silt & shale	3419
shale & silt w/ lime streaks	3502
lime	3525
Heebner shale	3530
lime & shale	3582
shale & sandy shale	3638
sandy shale	3685
brown lime	3689
shale	3696
Lansing-K. C. lime	3717
lime	3973
lime & shale	4026
conglomerate	4101
chert	4118
conglomerate	4147
Viola	4158
chert	4173
Simpson shale	4184
Simpson shale & sand	4210
Total Depth	

TOPS:	
Heebner	3543
Toronto	3564
Douglas	3581
Brown lime	3685
Lansing	3696
Base K. C.	4006
Penn. Basal conglomerate	4081
Mississippi	4120
Kinderhook	4125
Viola	4133
Simpson	4174