

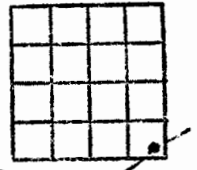
**WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY**  
**508 East Murdock, Wichita, Kansas**

Company- JONES, SHELBURNE & FARMER, INC.  
 Farm- Hardten No. 1

SEC. 11 T. 24 R. 15W  
 SE SE SE

Total Depth. 4188'  
 Comm. 6-4-54 Comp. 6-15-54  
 Shot or Treated.  
 Contractor. Greenland Drilling Co.  
 Issued. 7-31-54

County Stafford  
 KANSAS



CASING:  
 8 5/8" 216' cem w/225 sx

Elevation. 2007' RB

Production. Dry

Figures indicate Bottom of Formations.

clay & sand	80
shale w/sd stks.	170
shale & shells	380
red bed & sand	956
anhydrite	973
shale & shells	1360
shale & shells w/salt	1765
shale & lime	1830
lime w/shale brks	2245
lime & shale	2983
lime w/shale brks	3040
shale & lime	3125
lime w/shale brks	3250
lime & shale	3375
lime w/silt & shale	3453
lime & shale	3607
shale w/sand stks	3647
brown lime	3652
shale	3657
Lansing lime	3665
lime	3920
lime w/shale brks	3975
lime & shale	4014
shale, lime & chert	4027
Viola chert	4083
Simpson shale & sand	4124
shale & lime	4157
Arbuckle	4188
Total Depth	

Tops:	
Heebner	3508
Toronto	3528
Brown Lime	3647
Lansing	3657
Conglomerate	4013
Viola	4027