

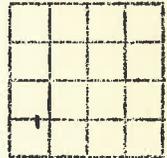
WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY
 503 East Murdock, Wichita, Kansas

Company- HARMS, INC.
 Farm- Dick Estate No. 3

SEC. 31 T. 19 R. 11W
 CE/2 W/2 SW
 200' S of Adair No 1 Wolfe

Total Depth. 3349
 Comm. 7-7-52 Comp. 7-21-52
 Shot or Treated.
 Contractor. Harms & Knight Drlg Co.
 Issued. 12-20-52

County Barton
 KANSAS



CASING:
 8 5/8" 310' cem w/175 sx, Circ.
 5 1/2" 3342' cem w/ 50 sx.

Elevation. 1793

Production. Pmp 40 bbls & no wtr

Figures indicate Bottom of Formations.

shale, sand	55
shale, shells	122
sand	140
shale, shells	295
red bed	560
shale, shells	1450
lime, shale	1630
lime	1870
lime, shale	2030
lime	2070
shale	2110
shale, shells	2375
shale, lime	2590
shale, shells	2665
lime	3344 RTD
lime	3349
Total Depth	

Tops: Scout.	
Heebner	2948
Brown Lime	3061
Lansing	3082
Arbuckle	3341