

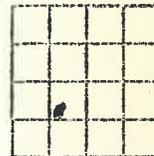
WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY
 508 East Murdock, Wichita, Kansas

Company - HARMS, KNIGHT ET AL
 Farm - Studer No. 1

SEC. 11 T. 17 R. 11W
 SW NE SW

Total Depth. 3317
 Comm. 5-11-50 Comp. 5-20-50
 Shot or Treated.
 Contractor.
 Issued. 10-21-50

County. Barton
 KANSAS



CASING:
 8 5/6" 233' cem w/150 sx.

Elevation. 1859

Production. 104 bbls / 6 wtr.

Figures indicate Bottom of Formations.

sand	60
shale	160
shale, sand	195
shale, shells	233
shale, shells	374
shale, sand	410
red rock	650
anhydrite	690
red rock, shells	770
red rock, shale	1100
salt, shells	1270
shale, shells	1520
shale, lime, sand	1735
lime, shale	2170
shale	2355
lime, shale	2530
shale	2645
shale, lime	2705
lime	2875
lime, shale	3040
lime	3235
shale, lime	3295
lime	3301
lime	3317
Total Depth	

Scout Tops:

Topeka	2710
Lansing	3018
Arbuckle	3293