

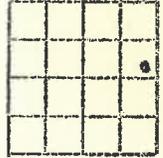
WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY
 508 East Murdock, Wichita, Kansas

Company - ALPINE OIL & ROYALTY CO., INC.
 Farm - Hartman No. 1

SEC. 28 T. 19 R. 11W
 SE SE NE

Total Depth. 3350
 Comm. 7-13-50 Comp. 7-22-50
 Shot or Treated.
 Contractor. Quaker Drilling Co., Inc.
 Issued. 10-7-50

County. Barton
 KANSAS



8 5/8" 250' CASING:
 4 1/2" 3342' cem w/150 sx.

Elevation. 1781

Production. 31 bbls.

Figures Indicate Bottom of Formations.

surface clay, sand	100
shale, iron pyrites	250
shale, red bed	550
anhydrite	572
shale, shells	600
shale	1135
shale, lime	1500
lime sdy	1695
lime	1845
shale, lime	2015
shale	2360
shale, lime	3316
conglomerate	3340
dolomite RTD	3345
lime	3350
Total Depth	

Tops:	
Heebner Shale	2926
Brown Lime	3036
White Lansing	3056
Conglomerate	3316
Arbuckle	3340