

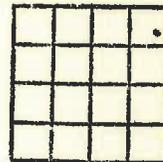
WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY
508 East Murdock, Wichita, Kansas

Company- ALPINE OIL & ROYALTY CO., INC.
Farm- Hartman No. 3

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

Total Depth. 3367'
Comm. 4-13-53 Comp. 4-23-53
Shot or Treated.
Contractor. Quaker Drlg. Co., Inc.
Issued. 3-5-55

County Barton KANSAS



CASING:
8 5/8" 230' w/175 sx cem.
5 1/2" 3345' w/150 sx cem.

Elevation. 1781' RB

Production. Pmp. 25 B/NW

Figures indicate Bottom of Formations.

sand-red bed	68
sand	200
shale	245
red bed	542
Anhydrite	572
red bed-shale	700
shale-shells	1540
lime-shale	1640
lime	1740
lime-shale	1900
shale-shells	2185
lime-shale	3346 RTD
lime-shale	3367
Total Depth	

TOPS:

Anhydrite	542
Heebmer	2908
Brown lime	3026
Lansing	3045
Conglomerate	3311
Arbuckle	3342