

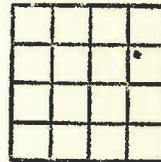
WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY  
508 East Murdock, Wichita, Kansas

Company- ALPINE OIL & ROYALTY CO.  
Farm- Hartman No. 4

SEC. 28 T. 19 R. 11W  
NW SENE

Total Depth. 3365'  
Comm. 5-6-53 Comp. 5-17-53  
Shot or Treated.  
Contractor. Quaker Drlg. Co., Inc.  
Issued. 3-5-55

County Barton KANSAS



CASING:  
8 5/8" 205' w/175 sx cem.  
5 1/2" 3364' w/175 sx cem

Elevation. 1781 RB

Production. 25 BOPD

Figures indicate Bottom of Formations.

surface clay-sand	40
shale-shells	215
red bed-sand	245
red bed-shale	535
Anhydrite	575
shale	900
shale-shells	1050
shale-salt	1265
lime-shale	2275
shale	2480
lime-shale	3313
shale	3322
Conglomerate	3365
Total Depth	

TOPS:  
Anhydrite 530  
Heebner 2913  
Brown Lime 3031  
Lansing 3051