

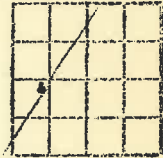
WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY
 508 East Murdock Wichita, Kansas

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

SEC. 23 T. 19 R. 11W
 NE NW SW

Total Depth. 3430
 Comm. 7-21-51 Comp. 7-31-51
 Shot or Treated.
 Contractor. Quaker Drilling Co., Inc.
 Issued. 8-25-51

County. Barton
 KANSAS



CASING:
 8 5/8" 225' cem w/150 sx.

Elevation. 1776 R.B.

Production. dry

Figures Indicate Bottom of Formations.

surface clay, sand	130
shale, shells	200
shale	225
shale, shells	548
anhydrite	578
shale	1275
lime, shale	1483
lime	1595
shale	1620
lime	1705
shale	1735
lime, shale	1814
lime	2035
shale	2085
shale, shells	2556
shale	2606
shale, lime	2950
lime	3005
lime, shale	3090
lime	3175
shale, lime	3230
shale	3310
lime	3430 RTD
Total Depth	

Tops:	
Heebner	2926
Brown Lime	3045
Lansing	3059
Conglomerate	3340
Arbuckle	3358