

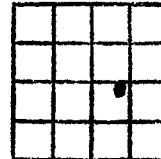
WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY  
508 East Murdock, Wichita, Kansas

Company- ALPINE OIL & ROYALTY CO. INC.  
Farm- Alvin Karlin No. 1

SEC. 11 T. 13 R. 17W  
NE NW SE

Total Depth. 3550'  
Comm. 3-28-63 Comp. 4-5-63  
Shot or Treated.  
Contractor. Quaker Drig. Co.  
Issued. 10-5-63

County Ellis  
KANSAS



Elevation. 2029' KB

Production. 52BOPD plus 20% Wtr

Figures Indicate Bottom of Formations.

surface soil & shale	160
shale	755
sand	900
shale & shells	1198
anhydrite	1236
shale & shells	1385
red bed, shale & shells	1875
lime & shale	3035
lime	3130
lime & shale	3340
lime	3550 RTD
Total Depth	

TOPS : SMP	
Anhydrite	1198
Heebner	3245
Toronto	3292
Base Kansas City	3521
Conglomerate	3531
Arbuckle	3544