

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

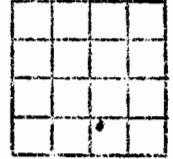
29-19-12W

Company- ALPINE OIL & ROYALTY COMPANY, INC.
 Farm- A. H. Schartz No. 3

SEC. 29 T. 19 R. 12W
 NW SW SE

Total Depth. 3405
 Comm. 7-28-51 Comp. 8-8-51
 Shot or Treated.
 Contractor. Quaker drilling Co., Inc.
 Issued. 12-8-51

County Barton
 KANSAS



CASING:
 8 5/8" 325# cem w/180 sx

Elevation. 1823 R.B.
 1821 (cm)
 Production. 35 BOPD / 8% water

Figures Indicate Bottom of Formations.

| | |
|--------------------|----------|
| surface clay, sand | 140 |
| sand | 160 |
| shale, sand | 185 |
| red bed | 610 |
| anhydrite | 640 |
| shale, shells | 1593 |
| lime, shale | 2075 |
| shale, shells | 2276 |
| lime, shale | 3402 RTD |
| lime, shale | 3405 |
| Total Depth | |

| | |
|--------------|------|
| Tops: | |
| Heebner | 2994 |
| Brown Lime | 3115 |
| Lansing | 3128 |
| Conglomerate | 3382 |
| Arbuckle | 3396 |