

WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY

500 East Murdock,

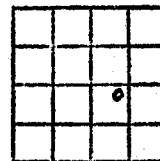
Wichita, Kansas

Company- PHILLIPS PETROLEUM COMPANY
 Farm- Nech No. 4

15-103-02242
 SEC. 15 T. 9 R. 19W
 NE NW SE

Total Depth. 3509
 Comm. 5-10-52 Comp. 6-11-52
 Shot or Treated.
 Contractor.
 Issued. 7-5-52

County Rooks
 KANSAS



CASING:
 8" 207' cem w/200 sx
 5" 3506' cem w/150 sx

Elevation. 2082 D.F.

Production. I.P. 3000 bopd

Figures Indicate Bottom of Formations.

surface sand, shale 210
 shale 250
 shale, sand 1278
 shale, redbed, anhyd. 1770
 redbed, shale, lime
 streaks 2167
 lime streaks, shale 2317
 lime, shale 2689
 pyrite, lime, shale 2836
 lime, shale 3126
 lime 3257
 lime, chert, shale 3393
 lime 3455
 lime, shale 3509
 Total Depth

Tops:
 Howard 3017
 Topeka 3043
 Heebner 3222
 Toronto 3242
 Lans.-Kansas City 3262
 Base Lans-K.C. 3482
 Marmaton 3496
 Arbuckle 3505