

KANSAS WELL LOG BUREAU --- KANSAS GEOLOGICAL SOCIETY

508 EAST MURDOCK - WICHITA, KANSAS

15-103-03349

COMPANY MUSGROVE PETROLEUM CORPORATION

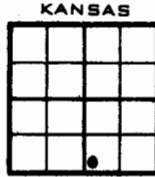
SEC. 33 T. 9 R. 17W

FARM Carmichael NO. 4

LOC. SW SW SE

TOTAL DEPTH 3546
 COMM. 12-28-50 COMP. 1-9-51
 SHOT OR TREATED
 CONTRACTOR Musgrove Petroleum Corp.
 ISSUED 3-10-51

COUNTY Rooks



CASING

8 5/8" 210' cem w/130 sx.
 5 1/2" 3537' cem w/150 sx.

ELEVATION 2110 RB Ind.
 2107 DF

PRODUCTION 75 bbls / 6% wtr

FIGURES INDICATE BOTTOM OF FORMATIONS

surface clay 40
 sand, shale 100
 shale, shells 210
 shale 300
 shale, shells 850
 sand, shale 1020
 redbed, shale, shells 1280
 shale, shells 1355
 anhydrite 1395
 shale, shells 1575
 shale, shells, salt 1820
 shale, shells 1930
 shale, lime 2055
 lime 2165
 lime, shale 2325
 lime 2470
 lime, shale 2655
 shale 2660
 shale, lime 2715
 shale, shells 3000
 lime, shale 3035
 shale, lime shells 3065
 lime 3465
 lime, shale 3536
 arbuckle 3539 RTD
 arbuckle 3546
 Total Depth

Tops:
 Heebner 3204
 Toronto 3225
 Lansing-KC 3248
 Simpson Dolomite 3511
 Simpson Shale 3517
 Arbuckle 3536