

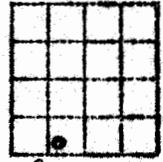
WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY  
412 Union National Bk. Bldg., Wichita, Kansas

Company - MAGNOLIA PETRO. CO.  
Farm - Boggs Estate No. 2

SEC. 9 T. 33 R. 12W  
S7 SE S7

Total Depth. 4897' PB 4866'  
Comm. 4-26-48 Comp. 5-28-48  
Shot or Treated.  
Contractor.  
Issued. 10-9-48

County. Barber  
KANSAS



CASING:  
8 5/8" 1640' Cem w/800 Sx.  
5 1/2" 4846' Cem w/250 Sx.

Elevation. 1503.2nd.  
1505.14  
Production. 60 BOPD

Figures Indicate Bottom of Formations.

|                    |      |                                 |                    |
|--------------------|------|---------------------------------|--------------------|
| shale              | 105  | lime                            | 4821               |
| red rock           | 230  | lime, shale                     | 4840               |
| sand               | 290  | Viola lime                      | 4842               |
| red rock           | 480  | Simpson Shale                   | 4850               |
| shale, red         | 550  | Simpson sand                    | 4868               |
| lime, shale        | 665  | sand, shale                     | 4897               |
| shale              | 775  | total depth                     | 4897-4893 SIC K.B. |
| lime               | 795  | Plugged Back to                 | 4866 K.B.          |
| shale, lime        | 880  |                                 |                    |
| shale, shells      | 1150 | Tops:                           |                    |
| shale, lime        | 1350 | Lansing                         | 3825 K.B.          |
| salt, shale        | 1550 | Mississippian                   | 4411 "             |
| anhydrite          | 1625 | Base/Mississippian              | 4651 "             |
| lime               | 1795 | Misener                         | 4740 "             |
| shale, lime shells | 1915 | Viola                           | 4742 "             |
| lime               | 2110 | Simpson                         | 4838 "             |
| lime, shale        | 2225 |                                 |                    |
| lime               | 2335 | Ran Schlumberger electric log.  |                    |
| lime, shale        | 2427 | Drill Stem Test 4850-68, open   |                    |
| shale              | 2450 | 30 min. gas in 17 min., 420'    |                    |
| lime               | 2525 | oil, 1500# BHP.                 |                    |
| lime, shale        | 2685 |                                 |                    |
| shale              | 2725 | Drill Stem Test 4868-84, open   |                    |
| lime               | 2820 | 30 min., 30' rotary mud, slight |                    |
| shale, lime        | 3193 | show oil, no pressure.          |                    |
| lime               | 3200 |                                 |                    |
| lime, shale        | 3280 | Drill Stem Test 4885-92, open   |                    |
| lime               | 3295 | 30 min., showed 30' sl. oil     |                    |
| lime, brkn & shale | 3350 | stained ratory mud, no B.H.P.   |                    |
| lime, shale        | 3520 |                                 |                    |
| shale              | 3700 | Cored 4840-58, rec. 2' lime,    |                    |
| lime, brkn         | 3725 | 9' sand and shale.              |                    |
| shale              | 3746 |                                 |                    |
| lime, brkn         | 3770 | Cored 4858-68, rec. 9' 8"       |                    |
| shale              | 3807 | dolomite and sand.              |                    |
| lime               | 4095 |                                 |                    |
| lime, shale        | 4125 | Cored 4868-84, rec. 13' sand,   |                    |
| lime, brkn         | 4150 | shale and dolomite.             |                    |
| lime, shale        | 4230 |                                 |                    |
| lime               | 4245 | Cored 4884-92, rec. 7' 8"       |                    |
| lime, shale        | 4285 | shale and sand.                 |                    |
| shale              | 4295 |                                 |                    |
| lime               | 4333 | Cored 4892-97, rec. 4' 4" sand. |                    |
| lime, brkn, shale  | 4362 |                                 |                    |
| shale              | 4375 |                                 |                    |
| lime               | 4438 |                                 |                    |
| chert              | 4455 |                                 |                    |
| lime               | 4462 |                                 |                    |
| chert              | 4481 |                                 |                    |
| shale, lime        | 4495 |                                 |                    |
| lime, shale        | 4519 |                                 |                    |
| lime               | 4521 |                                 |                    |
| shale              | 4539 |                                 |                    |
| lime, brkn         | 4603 |                                 |                    |
| lime, shale        | 4671 |                                 |                    |
| shale              | 4760 |                                 |                    |