WELL LOG BUREAU--KANSAS GEOLOGICAL SOCIETY

508 East Murdock, Wichita, Kansas

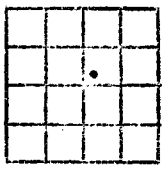
9-35-3W

Company- MAGNOLIA PETRO. CO.
Farm- F. A. Hudson No. 4

SEC. 9 T. 35 R. 3W
SW SW NE

Total Depth. 5166 PB 5030
Comm. 8-11-51 Comp. 9-25-51
Shot or Treated. Acidized
Contractor. Barnett Drlg. Inc.
Issued. 1-19-52

County Sumner
KANSAS



Elevation. 1130 DF

Production. 17 BO & 75 BW in 20 hrs.

CASING:
8 5/8" 615' cem. w/425 sx
5 1/2" 5064' cem. w/250 sx

Figures Indicate Bottom of Formations.

| | |
|---|---|
| clay | 40 |
| sand | 50 |
| clay & shale | 200 |
| clay, shale & red bed | 250 |
| shale & shells | 590 |
| shale & lime | 615 |
| shale & shells | 1040 |
| shale & lime | 1630 |
| shale & shells | 1925 |
| shale & lime | 2055 |
| shale & shells | 2305 |
| shale & lime | 2420 |
| shale & shells | 2620 |
| shale & lime | 3310 |
| shale & shells | 3410 |
| shale & lime | 3620 |
| lime, shale, sand | 3682 |
| lime | 3725 |
| lime & shale | 4405 |
| lime | 4420 |
| lime, shale, chat | 4450 |
| lime | 4490 |
| lime & chat | 4515 |
| lime | 4806 |
| viola lime | 4824 |
| simpson sand | 4900 |
| lime | 5053 |
| lime & dolomite | 5068 |
| lime | 5115 |
| lime & sand | 5145 |
| lime | 5166 K.B. |
| Total Depth PB 5030 K.B. | |

Cored 4806-26, rec. 20'
lime & dolomite, sp. sat.
Cored 4826-30, rec. 4' argill.
dolo. with thin sand stringers.
Cored 4830-34, rec. 4' interbedded
sand & shale.
Cored 4834-38, rec. 3' coarse
xyln dolo., 1' sand
Cored 4838-42, rec. 4' sandy
dolo.
Cored 4842-50, rec. 8' hrd
tight sand with odor.
Cored 4850-90, rec. 39½' hrd
tight wht sand, no show
Cored 5043-53, rec. 10' sand
with shale breaks.
Cored 5068-83, rec. 15' lime
& hrd blk chert in bottom.

Tops: K.B.

| | |
|---|---|
| Kansas City | 3682 |
| Mississippian | 4372 |
| Base-Miss. | 4715 |
| Viola | 4798 |
| Simpson | 4809 |
| Arbuckle | 5034 |

PB 5030, perf. 4804-16 w/32 sh., 4828-44 w/64 sh. Acidized w/1000 gals.

DST: 3629-38, open 40 min., rec. 130' drlg. mud, no shows, BHP 1390# in 15 min.
DST: 4803-26, open 1 hr, shut in 30 min., rec. 30' very slightly gas cut mud, BHP 295#
DST: 4822-34, open 1 hr, shut in 30 min., rec. 70' gas & oil cut mud, 1500' gas BHP 140#.
DST: 4830-42', open 1 hr, shut in 15 min., rec. 35' gas cut mud.
DST: 4842-50, open 1 hr, rec. 15' mud, no show oil gas or wtr, BHP 55#.
DST: 5036-83, open 1 hr, rec. 602' SW, no show, BHP 1990#.