

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

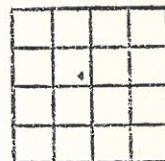
Company- GRAHAM-MESSMAN-RINEHARD OIL CO.
 Farm- Lion "A" No. 1

SEC. 21 T. 27 R. 11W
 SE SE NW

Total Depth. 4515'
 Comm. 1-22-54 Comp. 3-17-54
 Shot or Treated.
 Contractor.
 Issued. 4-3-54

County Pratt

KANSAS



Elevation. 1724 K.B.

Production. 355 Bbls. & NW

CASING:

13 3/8" 180' cem w/250 sx
 5 1/2" 4515' cem w/150 sx

Figures indicate Bottom of Formations.

red bed & shells
 shale - shells 770
 shale 1033
 shale - shells 1101
 shale - lime 3432
 lime-shale-sand 3625
 lime 4075
 chert - lime 4090
 Mississippi lime 4180
 Kinderhook shale 4249
 lime 4277
 Dolomite 4316
 chert - lime 4322
 lime 4332
 Dolomite 4346
 Dolomite-chert-lime 4365
 lime - chert 4392
 Simpson Shale 4486
 sand & Arbuckle 4515
 Total Depth.

Perf. 3776-87, 33 holes. Swabbed 10 GOPH and 2 BWPH
 Squeezed 60 gallon plastic - 25 gallon displaced.
 Perf. 2796-99, 12 holes. Swabbed 2-3 BOPH, trace
 of gas. Ran swab 3 times, trace water.
 Ran tubing
 Acidized from 3796-99 with 630 gallon acid-filled
 tubing, pressurized up to 800#-casing, 725# on
 tubing. Good rate 800-300, 300-0 in 3 minutes.
 Swabbed back load.
 18 BOPH on 6 hour test. Estimated gravity 36.
 Preparing to install tankage.

Tops:
 Douglas Sand 3499
 Brown lime 3598
 Lansing 3617
 Mississippi 4064
 Viola 4306
 Simpson 4394
 Arbuckle 4485

Moved in cable tools - February 18
 Rigged up cable tools - February 20
 Drilled Plug - February 24

Perf. 4308-14, 24 holes. Bailed 1/2 bailer
 muddy oil, with show of gas, in 30 minutes.

Acidized - 500 gallon acid. Top pressure
 750# started feeding in 32 mins., and all
 acid in by 48 min. Finished at 500 # to 0#
 in 5 min. Swabbed 2 BFPH in 6 hours. 5 - 10% oil.

Perf. 4312-24, 48 holes. Swabbed 3 BFPH, 5 - 10% oil.

Set plug at 4290'

Perf. 4260 one shot, 4" jet. Swabbed 3 BFPH
 10% oil, with trace of gas.

Perf. 4270 one shot, 4" Jet. Swabbed 3 BFPH
 15% oil.

Plug leaking

1st treatment: 2700 foot water load, no fill-up
 Dumped Calscal.

2nd treatment: 2600 foot water load, 12 foot
 fill-up on plug. Swabbed hole dry, no show.

Set plug at 4000 feet.