

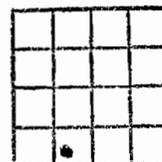
WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY
508 East Murdock, Wichita, Kansas

Company- DEEP ROCK & PHILLIPS PETROLEUM CO.
 Farm- A.C. Bowker No. 2

SEC. 35 T. 24 R. 14W
 SW SE SW
 330' N of SL, 990' W of EL, SW $\frac{1}{4}$

Total Depth. 4033 PB 3736 $\frac{1}{2}$
 Comm. 11-24-54 Comp. 12-11-54
 Shot or Treated.
 Contractor. Gabbert & Jones Drlg Co.; W. E. Leigen, Jr.
 Issued. 4-2-55

County Stafford
 KANSAS



Elevation. 1950 D.F.

CASING:
 10 3/4" 305' cem w/250 sx
 5 1/2" 3850' cem w/150 sx

Production. Pot. 31 BO / -6 BW in 8 hrs.

sand 0 - 140
 shale, shells 307
 sand, shale 340
 red bed 855
 anhydrite 885
 shale, shells 1740
 lime 2665
 shale, shells 2830
 shale, lime 3120
 lime 4033
 Total Depth
 PB 3736 $\frac{1}{2}$

Figures indicate Bottom of Formations.

& blew out tbg. Shut in master valve & killed well with 140 bbls salt wtr. Kept salt wtr going into hole while running tbg. Set Baker retainer at 3746' & sq. w/113 sx cem.; standing press 3200#. reversed out 52 sx Swbd hole dry & Welex jet perf. 4 holes a ft 3709-19. Tested 1 BOPH, small amount of gas & slight show wtr Acidized w/500 gals "J" acid & 250 gal. mud solvent. I.P. 800#. FP 400#, Pumped in at rate of 1 bbl a min. In 2 mins. press. dropped to zero#. In 12 hrs flowed 300 bbls fluid, 50% wtr. Sq. perf. w/200 sx cement, 180 sx behind csg. FP 3200#. Drilled out cement from 3685-3736 $\frac{1}{2}$. Perf. 3708-14, acidized w/250 gals. mud acid. Swbd 3 $\frac{1}{2}$ BOPH. Oil emulsified. Treated perf. w/ 15 gals Morflo & 20 gals. oil, swbd 5 BOPH & no wtr. Released rig 12-24-54 & installed pmpg equipment

Tops:
 Heebner 3472
 Brown Lime 3610
 Lansing-K.C. 3641
 Base Kansas City 3916
 Kinderhook 3992

On State Potential test 1-17-55 well pumped 31 BO & 6 BW in 8 hrs.

RECORD OF DRILL STEM TESTS:

#1 3704-3716 Op. 1 hr.,
 shut in 20 mins. gas to
 surface in 32 min. rec.
 270' oil; BHP 1320#,
 IFP 100#, FFP 100#.
 #2 3760-3777 Op. 1 hr,
 shut in 20 min. gas to
 surf. in 2 min., gauged 1,200
 MCF in 15 min., 1420 MCF
 in 30 min. 2020 MCF in 1 hr
 rec. 60' gas cut mud; BHP 1560#,
 IFP 585#, FFP 585#.
 #3 3795-3807 Op. 1 hr, shut in
 20 min. rec. 90' oil &
 gas cut watery mud, 180' salt
 water; BHP 740#.

12-24-54 T.D. 3736 $\frac{1}{2}$ Perf. 3708-14
 12-24-54 T.D. 3736 $\frac{1}{2}$ Acidized 3708-14 Prof. after acid
 5 BOPH used 250 gal mud acid.

Schlumberger T.D. 4031; Gamma Ray T.D. 3808

Swabbed 12-24-54 140 BO & no wtr

Sand
 Record: Lansing-K.C. 3708-3714 (Prod.) 6'

RECORD OF CORING: No cores were taken.

RECORD OF COMPLETION:

RTD 4033
 Schlumberger T.D. 4031

Ran Schlumberger set 5 $\frac{1}{2}$ " at 3875 w/150
 sx. Moved in cable tools. 12-11-54.

Ran Welex Gamma Ray log 12-11-54
 & perf. w/24 jet shots from 3794-3800,
 tested dry. Welex jet perf. 4 holes a
 ft 3800-02, bailed & tested 2 GOPH, no
 wtr. Acidized w/500 gal. reg. mud acid
 & 250 gals mud solvent; filled hole w/oil
 & press. up to 1900#, broke to 900# after
 2 hrs. Pmpd in 17 BO to displace acid,
 FP 50#. Flowed back load oil in 45 mins.
 & went to dry gas - 1500# SIP. Acid
 apparently channeled to gas zone up hole.
 Killed well w/wtr, started in hole w/tbg to
 sq.; after 16 jts, well started unloading