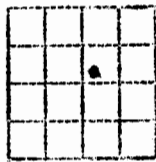


WELL LOG BUREAU KANSAS GEOLOGICAL SOCIETY
508 East Murdock, Wichita, Kansas

Company - DERBY OIL CO.
Farm - Annon No. 1

SEC. 27 T. 10 R. 20W
SW SW NE

Total Depth. 3717
Comm. 6-4-51 Comp. 6-23-51
Shot or Treated.
Contractor. Glenn Peal & Bentley
Issued. 7-28-51

County. Rocks
KANSAS


CASING:

8 5/8" 253 cem w/150 sxs.
5 1/2" 3711 1/2 cem w/125 sxs.

Elevation. 2149 DE
State Pot.
Production. 331 bbls. oil
& .4% wtr.

Figures Indicate Bottom of Formations.

surface clay	60
rock, shale	253
shale	555
sand, shale	790
shale, shells	900
shale, sand streaks	1200
shale, shells	1605
anhydrite	1640
shale, shells	1695
shale	1960
shale, lime	3399
lime	3413
lime, chert	3510
lime, shale streaks	3626
shale, lime streaks	3659
cherty conglomerate	3696
shale, dolomite stringers	3708
dolomite	3713 RTD
dolomite	3717
Total depth	

Acid:

6-20-51 500 gals. 700#
29 GOPH before acid
10 BOPH after

6-21-51 1000 gals. 575 #
10 BOPH oil before
15 BOPH after acid.

Tops:

Heebner shale	3377
Toronto	3399
Lansing	3413
Base Kansas City	3626
Conglomerate	3659
Simpson	3696
Arbuckle	3708

Fair show oil 3494-3498
Show free oil 3708

DST Lansing 3495-3526 45"
Good blow, rec. 660' gas,
510' gassy oil & wtr. plus
120' salt wtr., 1050# bottom
hole pressure, 180# flow
pressure.

Drilled plug & cleaned out to
RTD 3713. Bailed 1/2 gal. oil
per hr. for 3 hrs. Drilled
deeper 3713-15. Bailed 29 gals.
oil per hr for 5 hrs. Treated
with 500 acid. Maximum pressure
700# broke to 500#. Test after
acid: 10 bbls. oil per hr. for
4 hrs., no wtr. Drilled deeper
to 3717; no increase. Ran tubing
and treated w/1000 gals. acid.
Maximum pressure 575# broke to
450#. Pulled tubing & swabbed
average of 15 bbls. oil per hr.
for 4 hrs. Put on pump.

All measurements are from KB
7' from Bradenhead