

WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY

508 East Murdock,

Wichita, Kansas

2-16-4W

Company. THE DERBY OIL CO.
Farm. Lockstrom No. 8

SEC. 2 T. 16 R. 4W

CS/2 S/2 NE

1320' fr EL, 2310' fr NL

Total Depth. 3444

Comm. 10-8-54

Comp. 10-25-54

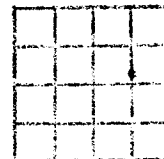
Shot or Treated.

Contractor (RT) Glenn W. Peel, (CT) Andrews Cable Tools

Issued. 12-25-54

County Saline

KANSAS



CASING:

8 5/8 430' w/ 300 sx cmt.

5 1/2 3442' w/ 100 sx cmt.

Elevation. 1332 KB

Production. Pot. 183 bbls, 9%

Figures indicate Bottom of Formations.

clay & shale	62
water sand	66
shale & shells	265
shale & sand streaks	300
shale & shells	435
shale & red bed	515
shale & shells	630
shale & lime streaks	840
shale & shells	1315
shale & lime streaks	1575
lime & shale	2082
shale & lime streaks	2480
lime & shale	2595
lime	2700
shale & lime streaks	2815
shale & lime	2995
chert, lime & shale	3130
lime & shale	3441
dolomite	3444
Total Depth	

TOPS:

Mississippi 2920

Kinderhook 3208

Maquoketa dolomite 3441

CO to 3443. Tested 1.35 BOPH, 8% wtr.

3 hrs. Treated w/ 500 gal "J" acid.

Max. press. 1050#, broke to 500#,

finished on 0#. 10 hr. swb. test

after load back 22.04 BO plus 2.42 BW

Treated w/ 2000 gal gel 15% acid &

2000# sand. Displaced 500 gal in

formation. press went up to 2600#.

Unable to pump. Ran 2" tbg. circ.

sand & gel acid out. 30' sand in

bottom of hole. CO sand & DD to 3444

11 hr. swb test aver. 2.53 BOPH plus

1.23 BWPB. Treated w/ 3000 gal geo-

frac gel 15% acid, no sand. Max.

press 325#, finished on 0#. 5 hr. swb.

test after recovery 57.73 BF (32.83

BO plus 25.5 BW)