

2-16-4W

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

Company- THE DERBY OIL CO.
Farm- Lockstrom No. 2

SEC. 2 T. 16 R. 4W
NW NE NE

Well Depth. 3605

Drilled 7-22-51

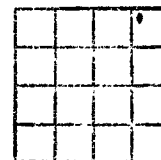
Comp. 8-20-51

County Saline
KANSAS

Well or Treated.

Drill Contractor. E. K. Carey

Completed. 12-15-51



CASING:

8 5/8" 330' cem. w/250 sx

5 1/2" 3490' cem. w/75 sx

Elevation. 1323 DE

Production. Phy. 505 BO &
10% wtr.

Figures Indicate Bottom of Formations.

base & cellar	8
soil & clay	65
sand	90
lime & shale	2295
lime	2635
lime & shale	2900
lime	2940
dolomite	2964
lime & chert	3050
dolomite & chert	
& shales	3180
lime & dolomite	3204
shales	3356
chert, lime & dolo.	3370
shale	3429
dolo. & chert	3496
lime	3582
dolo. sand & shale	3605 RTD
Total Depth	

Acidizing record:

8015-51 250 A gals. 400#

8-20-51 250A gals. 400#

Tops:

Miss. Lime	2916
Ginderhook Shale	3204
Hunton Lime	3356
Maquoketa Shale	3370
Maquoketa Dolo.	3429
Viola Lime	3496
Simpson	3582

Good show of oil & good odor
3429'

Completion Record:

Five Kone shots 3449-53', no
show. 16 regular shots 3448-55';
fill up 535' of fluid in 13 hrs.
(100' of oil & 435' of wtr). 4 hr.
swab test; 3 1/2 bbls. of wtr plus
1 bbls. of oil; filled up 655' of
fluid in 16 hrs. (445' wtr & 210'
oil). Treated with 250 gals. of
acid. Fill up 1950 oil plus 583' of

wtr in twelve hrs. 3 hr. swabbing
test 1000' off bottom; 1st hr. 22 BF;
2nd hr. 23.08 BF, 3rd hr. 24.84 BF
showing 10% wtr.

Set Lane Wells plug at 3440 and perf.
16 shots from 3430-32; fill up 1805'
oil and 30' wtr. in 16 hrs. Acidized
with 250 gal. fill up 2180' oil plug
350' wtr in 13 hrs. Swab test 67.62
bbls. of fluid in 3 hrs. plus 10% wtr.
After test it filled up 2120' oil plus
470' of wtr in 16 hrs.

All measurements are from Kelly
busing 6.35' above braden head.