

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY

508 East Murdock

Wichita, Kansas

2-16-4W

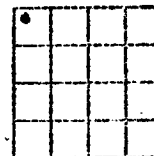
Company - DERBY OIL COMPANY
 Farm - Lockstrom No. 1

SEC. 2 T. 16 R. 47
 NE NE NE

Total Depth. 3442
 Comm. 4-23-51 Comp. 5-16-51
 Shot or Treated.
 Contractor. E. K. Carey
 Issued. 7-14-51

County. Saline

KANSAS



CASING:

Elevation. 1526 D.S.T.

Production. Drawdown Pot.
 1142 bbls. oil per day, no
 water

3 7/8" 339' cem. 250 sx
 4 1/2" 3438' cem. w/75 sx

Figures Indicate Bottom of Formations.

celh r	7
clay & shale	90
shale & shells	281
sand	287
lime	339
lime & shale	950
shale & shells	2290
lime	2580
lime & shale	2914
lime & dolomite	
stringers	3198
shale & chert	3362
lime & dolomite	3368
shale	3437
dolomite	3442
Rotary Total Depth	

Tops:
 Mississippi 2914
 Kinderhook 3198
 Maquoketa dolomite 3437

Remarks:

Good who oil & odor 3437
 Maquoketa dolomite 3438-3442, 30 D.S.T.
 min. Strong blow, rec. 450' oil
 plus 1600' gas, bottom hole
 pressure 1235#, flow pressure
 140#.

Bottom of shoe 3438

Drilled plug and cleaned out to
 rotary total depth. Swab test
 1000' off bottom averaged 12
 bbls. oil per hour for 2 hours.

Put on pump. Pump test: 18
 barrels oil per hour for 3 hrs,
 no wtr, 4 4" stroke, 26 strokes
 per minute. Treated with 500 acid
 through tubing. Test after acid:
 44.85 barrels oil first hour,
 18.5 second hour, 17.8 third hour.
 Pump test: 15 bbls. oil per hr.
 with fluid level 1100' from top.