

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

Company- DERBY OIL COMPANY
 Farm- Burk No. 2

SEC. 36 T. 15 R. 14W
 SE NE SW

Total Depth. 3433 K.B.
 Comm. 6-18-51 Comp. 7-11-51
 Shot or Treated.
 Contractor. E. K. Carey
 Issued. 9-15-51

County Saline
 KANSAS



CASING:

8 5/8" 332.59' cem w/250 sx.
 4 1/2" 3431 1/2' cem w/ 75 sx.

Elevation. 1312 D.F.

Production. 124 bbls oil / 6%
 water. State Potential.

ALL MEASUREMENTS ARE FROM Figures Indicate Bottom of Formations.
 KELLY BUSHING:

base & cellar	8
clay, shale	28
sand	36
shells, shale	320
lime shells	360
lime	470
lime, shale	530
salt	570
shale, lime	1905
lime	2095
lime, shale	2470
lime	2690
lime, shale	2892
lime, dolomite	
stringers	3190
shale	3338
lime, chert, dolo.	3350
shale	3430
dolomite, chert	3433 RTD
Total Depth	

Tops:

Mississippi	2892
Kinderhook shale	3190
Hunton Limestone	3338
Maquoketa Shale	3350
Maquoketa dolomite	3430

Slight show oil, fair
 stain 3430

Completion record;

Drilled plug & cleaned out to RTD 3433.
 Swabbed 3 bbls fluid per hr, 85% water.
 Filled up 1900' fluid overnight (1400' water &
 500' oil). Swabbed down, then swabbed
 2.76 bbls fluid 1st hr., 2.07 bbls fluid
 2nd hr., 2.07 bbls fluid 3rd hr. Let set
 over night & filled up 1708' in 16 hrs.,
 (1383' water & 325' oil.) perf. 16 jet
 shots from 3430-32. Swabbed to bottom &
 let set over night. Total fill up 1208'
 in 14 hrs. (1083' water & 125' oil).
 put on pump.

Pump tests: 7-23-51 14 BO / 1.6 BW in 4 hrs
 7-26-51 11 BO / 25 BW in 24 hrs.