

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

Company- THE DERBY OIL CO.  
Farm- Burk No. 4

SEC. 36 T. 15 R. 4W  
NW NW SW

Total Depth. 3426  
Comm. 9-20-51 Comp. 10-8-51  
Shot or Treated.  
Contractor. E. K. Carey  
Issued. 12-15-51

County Saline  
KANSAS



Elevation. 1311 DF

Production. DD 1009 BO tr. wtr.

Figures Indicate Bottom of Formations.

base & cellar	8
shale & shells	255
sand	260
shale, lime & shells	340
lime	515
lime & shale	2285
lime	2715
lime & shale	2904
lime	2965
lime, chert & dolo. stringers	3165
lime	3200
shale	3332
dolo., lime & sand	3342
shale	3424
dolo. & chert	3426 RTD
Total Depth	

Tops:  
Miss. Lime 2904  
Kinderhook Shale 3200  
Hunton Lime 3332  
Maquoketa Shale 3342  
Maquoketa Dolomite 3424

Fair odor, good show of free  
oil 3424'

Completion Record:

Drilled plug and cleaned out  
to rotary total depth. Filled  
up 1600' in 2 hrs. (1700' load  
water): swabbed 2 hrs. 1000' off  
bottom: 1st hr. 9.66 BO; 2nd  
hr. 8.92 BO no wtr. Let set 16  
hrs. Fill up 2950', ran bailer to  
bottom. No water. Acidized with 300  
gals. Unable to take draw down test  
because of engine trouble. Well  
reacidize. 600 acid; max. pressure  
180#, pumping at the rate of 1/3 bbl.  
per min. with 180# pressure. Pressure  
dropped after acid displaced in  
formation from 180 to 0 in 5 mins.  
state draw down test 1009 BOPD and  
trace water.

All Measurements are from Kelly

bushing 6.40' above bradenhead.

Acidizing record:

10-19-51 300 gals. 150#  
11-5-51 600 gals. 180#