

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

35-3-24W

Company- **DERBY OIL**
 Farm- **Schoen**

No. **4**

SEC. **35** T. **3** R. **24W**

Gen. **SE $\frac{1}{4}$**

50' E of CSE 1320' f SL
1270 f EL SE $\frac{1}{4}$

County **Norton**

KANSAS

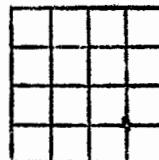
Total Depth. **3800' P.B. 3765**

Comm. **10-2-53** Comp. **10-20-53**

Shot or Treated.

Contractor. **Glenn W. Peel & Bentley Cable Tools**

Issued. **3-6-54**



CASING:

8 5/8" 285' cem w/150 sx
5 1/2" 3776' cem w/125 sx

Elevation. **2433 DF**

Production. **315 Bbls.**

Figures Indicate Bottom of Formations

sand	50
sand and clay	285
shale	700
shale & shells	2010
Anhydrite	2045
shale & shells	2310
shale	2505
shale & lime	2985
lime	3733 RTD
lime	3800
Total Depth	
Core	3800 PB 3765
Tops:	
Heebner	3446
Toronto	3479
Lansing	3489
Base Kans. City	3672
Arbuckle	3746
Reagan	3763
Schist	3770
Granite	3784

~~3 hrs.~~ showed 2 GWPH. 1600' fill up in 12
 hrs. 2665' fill up, 24 hrs. Swab test
 500' off bottom: 1st hr. 4.20 BO, 2nd hr.
 7.56 BO, 3rd hr. 6.72, 4th hr. 5.88 BO,
 5th hr. 5.88 BO. Showed .4 of 1% thruout.
 Perf. 24 A-2 shots 3757-61. Swab test
 500' off bottom: 1st hr. 10.08 BO, 2nd hr.
 11.76 BO, 3rd hr. 11.76 BO, 4th hr. 11.76 BO.
 .4 of 1% water thruout test.
 Physical Potential: 315 BOPD, NW. 14 s.p.m.
 54" stroke.

The top of the Arbuckle should be perforated
 & produced to insure maximum drainage.

DRILL STEM TESTS:

#1 Arbuckle 3753-3762 30" open Strong
 blow thruout, rec. 1200' gas, 190' OGCH,
 600' free oil, trace wtr., BHP 1190#

#2 Arbuckle & Reagan 3762-3767 open 30"
 Strong blow thruout, rec. 1420' SW, trace
 oil, BHP 975#

Surveys:

Laterolog Schlumberger 10-13-53
 Gamma Ray Lane Wells 10-18-53

Drilled cement to 3765. Perf. 1 shot 3739
 to test cement. Cement OK. Perf. 6 A-2
 shots 3759-61. 800' fill up in 3 hrs.
 Bailed 1 1/2 bailers water and tested for