

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

Company- DERBY OIL COMPANY
Farm- Peterman No. 7

SEC. 11 T. 17 R. 10W
SW NW SE

Total Depth. 3270
Comm. 1-29-52 Comp. 2-15-52
Shot or Treated.
Contractor.
Issued. 3-22-52

County Ellsworth
KANSAS



Elevation DF

8 5/8" 217' Left in cem. w/130 sx
4 1/2" 3244' cem. w/100 sx

Production. Pmp. 1 1/4 BO & NW

Figures Indicate Bottom of Formations.

shale & shells	320	pulled tubing to test. 3 hr. swab test after acid/ 1st hr 14.82 BO, 2nd hr 12.54 BO, 3rd hr. 14.82 BO, no water. 46 degrees gravity oil. 4' of cavings in hole after swab test; cleaned out to boottom. Ran tubing & rods & put on the pump. Pumping 6 BOPH
sand & iron	350	
shale & shells	1050	
sa lt & shala	1225	
lime & shale	1370	
lime	1545	
shale & lime	2242	
lime	2260	
shale & lime	2550	
lime	2745	
lime & shale	2801	
black shale	2805	
lime	2840	
shale & lime	2933	
lime plus tr. chert	3064	
shale	3068	
lime	3190	
lime & shale	3231	
chert & shale	3242	
dolomite & trace of chert	3247, RTD	
lime	3270	
Total depth		

All Measurements are from Ke lly bushing which is 5' 8" above Bradenhead

Tops:
Heebner 2801
Brown lm 2917
Lansing , No shows 2933
Conglomerate 3231
Arbuckle dolo. 3242
slight show oil & odor
RTD 3247
TD 3270

Remarks:

Drilled plug and cleaned out to rotary total depth 3247; noshows drilled deeper to 3253; show oil 3252-53; test 6 hrs. bailed 16 gal. oil per hr, no water.
Drilled deeper to 3256; 2 hr. test 14 gal. oil per hr. Treated with 1000 gals. type J acid; Max. press. 1000# broke to 800# finished 800#. 1 min. press. drop to 750#. next 5 min. press. drop to 725#. 10 hr. swabbing test. 1/4 BOPH. DD to 3270; had good show oil 3262-66; 3 hr. swab test. averaged 8 BOPH no water. Treated with 1000 gals. Dowell XX acid through 2" tubing. Max. press. 600#. broke to 250#, finished on 250#. no press. drop,