

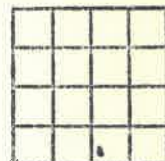
**WELL LOG BUREAU--KANSAS GEOLOGICAL SOCIETY**  
**508 East Murdock, Wichita, Kansas**

Company- THE DERBY OIL COMPANY  
 Farm- Homolka No. 1

SEC. 26 T. 16 R. 11W  
 SW SW SE

Total Depth. 3377  
 Comm. 11-2-52 Comp. 11-20-52  
 Shot or Treated.  
 Contractor. Peel Bros. Inc. & Andrews  
 Issued. 4-4-53

County Barton  
 KANSAS



Elevation. 1923 DF

Production. State Pot. 265 BOPD  
 & No wtr.

Figures Indicate Bottom of Formations.

soil & clay	105	All measurements are from Kelly Bushing 8.7' above Bradenhead.
sand & shale	318	
shale & shells	450	
sand & red bed	730	
anhydrite	765	
shale	795	
shale & red bed	1165	
shale	1490	
shale & shells	1660	
shale & shells	1780	
shale & lime	1930	
shale & lime strks	2050	
shale & lime	2210	
shale & lime strks	2340	
shale & shells	2525	
shale	2660	
shale & lime	3205	
lime	3248	
lime & shale	3296	
lime	3373 RTD	
lime	3377	
Total Depth		

Tops:

Heebner	2962
Brown Lime	3064
Lansing	3077
Arbuckle	3366

Completion Record:

Drilled cement & cleaned out to 3373 RTD. Bail test averaged 53 GOPH for 3 hrs. Treated with 500 gals. XX-F32 by Dowell, Max. pressure 800#, broke to 700#, finished on 700#. One min. pressure drop 100#, 5 min. pressure drop 175#. Swabbed hole down & test averaged 4.2 BOPH, no wtr. for 4 hrs. Drilled deeper to 3374½, no show & 3 hr. swab test averaged 4.2 BOPH. Drilled deeper to 3377 fair stain & porosity. Shot open hole from 3367½-3373½ w/19 open hole jet shots by Dowell. Caliper showed no sheath in well bore. Treated w/1000 gals. XX-F32, Max. pressure 800#, broke to 500#, finished on 100#. One min. pressure drop 25#, 5 min. 100#. Swabbed hole down & test averaged 12 BOPH for 7 hrs. Ran tubing and rods. P.O.P. gravity corrected 41.1°.