

WELL LOG BUREAU — KANSAS GEOLOGICAL SOCIETY
412 Union National Bk. Bldg., Wichita, Kansas

Company - THE DERBY OIL COMPANY
Farm - Bernstorff-Janke No. 8

SEC. 33 T. 16 R. 11 W
SE NE NE

Total Depth. 3369 $\frac{1}{2}$ '

Comm. 10-6-46

Shot or Treated.

Contractor. G. W. Peel

Issued. 1-4-47

Comp. 11-2-46

County. Barton

KANSAS



Elevation. _____

Production. Phy. Pot. 391 bbls.

CASING:

8-5/8" 440' Cem
5-1/2" 3356' Cem

Figures Indicate Bottom of Formations.

clay & rock	0-21	BO swabbing down. Then swabbed off
gravel	51	bottom; 20 BO 1st hr; 15 BO 2nd hr.; 15
shale	158	BO 3rd hr.; 13 $\frac{1}{2}$ BO 4th hr. No wtr. Fillup
shale & sand strks	228	after swab test 2825' - 14 hrs. (static).
sand	335	Ran tubing and treated with 1000 gal.
sand & shale	395	Dowell XX. Max. Pr. on casing 500 #. Max pr.
shale & shells	554	on tubing 150#. Pr. dropped from 425# to
red bed	670	350# 1 min. after flush and then remained @
shale & shells	752	350#. Swabbed 96 bbls. swabbing down, then
anhydrite	765	swabbed off bottom 19 BO 1st hr.; 16 BO
anhydrite	772	2nd. hr.; 17 BO 3rd hr. No water.
shale & shells	1204	
salt & shale	1273	All measurements are from Derrick floor
salt	1435	which was 4.5 ft. above Bradenhead on 8 5/8".
salt & shale	1463	
lime	1500	
anhydrite	1596	
cherty lime	1634	
lime & shale	1633	
lime	1643	
shale & lime	1668	
lime & shale strks	1761	
lime & shale	1811	
cherty lime	1829	
lime	1847	
shale	1900	
brkn lime	1937	
lime	2056	
shale	2151	
lime	2200	
lime & shale	2230	
brkn lime & shale	2344	
shale & lime	2514	
lime	2552	
shale & lime	2625	
lime	2804	
lime & cherty strks	2812	
lime	2851	
cherty lime	2857	
lime	2979	
lime & shale	3076	
lime	3119	
lime sdy	3147	
lime	3369 $\frac{1}{2}$	
Total Depth		

Tops:

Lansing	3080
Rew. Arbuckle	3349
Arbuckle	3355
Rotary T. D.	3356

Cable Tool Work:

Drilled plug and drilled deeper to 3357'
Very small show of oil. Drilled deeper
to 3359'. Bailed $\frac{1}{2}$ BOPH 3 hrs. Drilled
deeper to 3360'. Bailed $\frac{1}{2}$ BOPH 9 hrs.
Treated w/500 gal. Dowell XX thru csg..
No increase. Drilled deeper to 3369'
(-1447) TD Increase 3366-69. Swabbed 60