

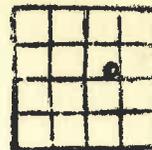
WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY
412 Union National Bk Bldg., Wichita, Kansas

DERBY OIL CO.
Frees No. ~~12~~ #2

SEC. 3 T. 17 R. 11W
SE SW NE

Total Depth. 3413 $\frac{1}{2}$ ' P.B.3390
Comm. 1-17-39 Comp. 2-22-39
Shot or Treated. 1000 Gals. & 10 Qts.
Contractor. Spring Rose Drlg.Co.
Issued. 4-22-39

County. Barton



CASING:
10 $\frac{3}{4}$ " 327'
7 " 3267'

Elevation.

Production. Pot. 442 B.
No water

Figures Indicate Bottom of Formations.

surface	155	Top Lansing 3060
shale & shells	200	Top Conglomerate 3328 $\frac{1}{2}$
sand	240	Top Arbuckle 3367
shale & shells	375	Cored 3315-27 no show
red bed	715	Cored 3227-39 no show
lime & shale	735	Cored 3339-45 no show
shale & shells	805	Cored 3345-52 no show
shale & lime shells	965	Cored 3359-71 spotted
shale & lime	1270	saturation, poor porosity
shale & shells	1365	Good porosity 3378-80
brkn lime	1410	3374-77 no wtr or oil
anhydrite	1465	3377-79 hole filled up 350'
shale	1480	in 5 hrs with oil
lime	1530	3381-84 oil stain, no wtr
brkn lime	1580	swabbed 6 hrs 26.43 oil,
shale sticky	1675	no wtr
sdv lime	1740	Acidized with 1000 Gals.
lime	1750	Swabbed 3 BPH for 6 hrs.
sdv lime	1780	3384-88 oil stain
shale & lime	1790	3388-92 $\frac{1}{2}$ no stain
brkn lime	1900	Swabbed 3 BPH
lime	1955	3392 $\frac{1}{2}$ -3411 $\frac{1}{2}$ no increase
lime brkn	2355	in oil or water
shale	2385	3411 $\frac{1}{2}$ -13 $\frac{1}{2}$ no increase in
sdv lime sft	2395	oil, showed 75' salt wtr
lime	2425	Gemented to 3385' 6"
lime sft	2450	Plugged back to 3387
shale	2495	Shot 10 Qts. 3386-76
shale & lime	2565	Potential 442 Bbls., no wtr
shale & lime shells	2630	
shale & lime	2640	
lime	2670	
brkn lime	2830	
lime hrd	2865	
lime	2980	
Correction on drill pipe		
2980 equals 2884		
lime & shale	3040	
lime	3060	
brkn lime	3080	
slight oil stain	3074-81	
lime	3166	
slight oil stain	3111-15	
lime sft	3180	
wtr w/very little oil		
from 3163-79		
lime	3328 $\frac{1}{2}$	
conglomerate	3352	
3358 equals 3359 Corr.		
sdv shale green	3371	
Arbuckle lime 50% shale		
& sand	3379	
lime Arbuckle	3381	
shale, lime & sand	3384	
dolomite, sand & shale		
green	3392 $\frac{1}{2}$	
lime, sand, shale	3403 $\frac{1}{2}$	
lime brown	3409 $\frac{1}{2}$	
shale grey	3413 $\frac{1}{2}$	
Total Depth.		