

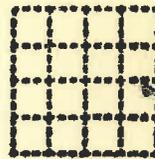
WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY
412 Union National Bk Bldg., Wichita, Kansas

SHELL OIL CO., INC.
F.F. Burmeister No. 4.

SEC. 3 T. 17 R. 11W
NEc SE
330' fr NL 330' fr EL SE $\frac{1}{4}$

Total Depth. 3320'
Comm. 3-8-41 Comp. 3-27-41
Shot or Treated. 2000 Gals. Acid
Contractor.
Issued. 5-10-41

County. Barton



CASING:
8 5/8" 338' Cem.
4 1/2" 3302' Cem.

Elevation.

Production. Pot. 42,136 B.
Depth. Draw-down, No Wt.
Allowed Pot. 3000 B.

Figures Indicate Bottom of Formations.

rock & shale	130	Top Arbuckle dolomite	3301
shale & shells	700	SL Corr.	
anhydrite	735		
shale & shells	1160		
salt	1375		
shale & shells	1415		
shale, shells, anhydrite	1476		
shale & gyp	1540		
lime	1548		
shale & lime	1807		
lime & chert	1861		
shale & lime	2620		
lime	2975		
shale & lime	3025		
lime	3302		
dolomite	3305		
3305 equals 3304 SL Corr.			
dolomite wh	3304-3307		
dolomite gy to tan	3311		
dolomite wh & pyrite	3312		
dolomite gy to tan	3320		
Total Depth.			

3051-58 poor porosity &
poor scattered oil stain
3133-50 poor to fair porosity
& oil staining
3211-18 no porosity or sat.
3301-04 poor porosity &
some oil stain
3304-07 slight porosity &
stain; trace free oil in
hole
3307-11 poor to fair porosity,
fair to good oil sat.
425' oil $\frac{3}{4}$ hr 3306-09
565' oil 55 min. at 3309
3311-12 poor porosity &
stain
1750' oil 1 hr & 50 min @ 3312
2350' oil 2 $\frac{1}{2}$ hrs @ 3312
2775' oil 3 hrs & 10 min @ 3312
2955' oil 3 $\frac{3}{4}$ hrs @ 3312
3312-17 fair porosity &
good saturation
3317-20 poor saturation
3150' oil at 3316 in 5 Hrs.
3150' oil at 3320'

Acidized w/2000 Gals.

Indicated capacity by
Depthograph draw-down test
42,136 oil & 0 wtr;
allowed potential 3000 bbls.