

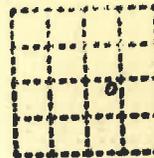
WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY  
412 Union National Bk Bldg., Wichita, Kansas

SHELL OIL CO., INC.  
P. Kowalsky No. 4.

SEC. 18 T. 20 R. 11W  
NE NW SE  
330' f NL 991' f WL SE  $\frac{1}{4}$

Total Depth. 3333'  
Comm. 7-28-41 Comp. 8-22-41  
Shot or Treated.  
Contractor.  
Issued. 9-27-41

County. Barton



CASING:  
8 5/8" 238' Cem.  
4 1/2" 3293' Cem.

Elevation.

Production. Pot. 189 B.  
No wtr, Pmpg

Figures Indicate Bottom of Formations.

sand & gravel	60
sand & shale	230
shale	248
shale & shells	380
red rock	535
anhydrite	555
shale	717
shale & shells	1066
shale & salt	1300
shale & anhydrite	1376
shale, anhydrite, lime	1490
shale & chert	1555
shale & lime	1775
lime brkn	1940
lime & shale strks	2034
lime	2135
shale & lime	2547
lime brkn	2618
lime	3292
dolomite	3333
Total Depth.	

Top Arbuckle dolo. 3292

fair porosity, dead oil  
stain 3114-19  
fair porosity, dead oil  
stain 3147-55  
good porosity, good  
oil stain 3295  
140' oil  $1\frac{1}{2}$  hrs  
fair porosity &  
oil stain 3310  
325' oil 5 hrs 3299  
900' oil 18 hrs 3310  
swb 7 BO, no wtr 3 hrs  
Acidized 1000 Gals.  
swb 20 BO, no wtr 4 hrs 3310  
Acidized 2000 Gals.  
swb 22 BO, 1 BW 3 hrs 3310  
700' oil 12 hrs 3320  
swb 38 BO, no wtr 5 hrs  
Acidized 1000 Gals.  
swb 34 BO, no wtr 4 hrs