

MID-CONTINENT PETROLEUM CORPORATION
WELL RECORD

A. MATZEK WELL NO. 10 - SE $\frac{1}{4}$ Sec. 25-19-11W, Barton County, Kansas
330' from North Line and 660' from East Line

Drilling commenced September 12, 1942; completed September 28, 1942

Contractor: Barnett Drilling Company

Production: 7 bbls. per hour, 1st 24 hours, 10% water; 3rd 24 hours, 7 bbls. per hr., 35% water

FORMATION RECORD

Clay and Sand	0	100	
Sand rock	100	110	
Shale	110	211	- Set 8-5/8" surface casing at 200' below rig floor
Red bed	211	475	
Anhydrite	475	505	
Shale	505	1000	
Shale & shells	1000	1080	
Salt	1080	1270	
Shale & shells	1270	1295	
Shale	1295	1435	
Lime	1435	1560	
Shale & shells	1560	1635	
Sand	1635	1665	
Lime & shale	1665	1705	
Lime	1705	1780	
Shale & lime	1780	1880	
Shale	1880	1945	
Shale & lime shells	1945	2075	
Shale	2075	2220	
Shale & lime	2220	2705	
Lime	2705	2900	
Shale	2900	3019	
K. C. Lime	3019	3100	
Shale	3100	3110	
Lime	3110	3155	
Shale & lime	3155	3168	
Lime	3168	3280	
Conglomerate	3280	3289	
Shale & Chert, black & green	3289	3292	- Top of Arbuckle 3292'
Arbuckle Dolomite, white	3292	3294	- Hard, bleeding oil
Arbuckle - Cherty	3294	3299	- Spotted saturation
" Hard green	3299	3305 $\frac{1}{2}$	- Nearly all saturated
Lime and Shale, white	3305 $\frac{1}{2}$	3307	- Hard, no saturation
" (Top 6" sandy)	3307	3308	- Top 6" saturated
" (Bot. 6" hard white)			- Bottom 6" hard, no saturation
" Hard white	3308	3311	- Good porosity and saturation in streaks.
TOTAL DEPTH	3311		

Cored with Rotary Tools from 3289 to 3311

1st core	3289	3299
2nd "	3299	3308
3rd "	3308	3311

CASING RECORD

Size	Kind	Amount set	Cement used
8-5/8"	24# SH LW	191' 9"	150 Bulk
5-1/2"	17# New SS	3290'	150 "

Perforated casing between 3290 and 3295