



WELL LOG

W. L. Hartman et al, Owner - Pichner #1  
NW NW NW Section 13, Township 16 S, Range 11 W,  
Barton County, Kansas

Figures indicate bottom of formation

Pipe:	0	to	70	Shale
			186	Shale and shells
			620	Shale, red bed and shells
			700	Shale and shells
			730	Anhydrite
			1160	Shale and shells
			1545	Shale and salt
			1675	Shale and lime
			2015	Lime
			2160	Lime and shale
			2280	Shale and shells
			2395	Shale
			2520	Shale and lime
			2615	Shale and shells
			2695	Shale and lime
			2970	Lime
			3036	Shale and lime
			3280	Lime
			3325	Lime and shale
			3360	Lime
			3399	Conglomerate
			3430	Lime

Pipe:

8 5/8" OD, 28# set at 186'

Tops:

Topeka	2730'
Lansing	3036'
Arbuckle	3399'

Started October 18, 1945  
Abandoned Dry November 1, 1945

3430 Total Depth

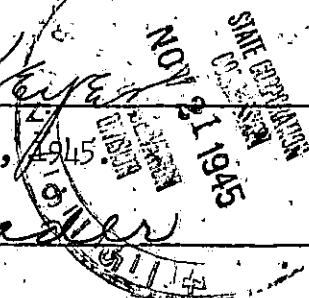
State of Kansas )  
County of Barton ) ss

I, G. W. Keyes, Drilling Contractor of the above-described well, being first duly sworn on oath, declare: That I have knowledge of the facts, statements and matters herein contained pertaining to the log of the above-described well as filed and that the same are true and correct.

*G. W. Keyes*

Subscribed and Sworn to before me this 12th day of November, 1945.

*J. Radler*



My commission expires July 7, 1948.

FILED  
13 16 11W  
33 46