

DRILLER'S LOG

COMPANY: Donald C. Slawson
 CONTRACTOR: LEBEN DRILLING, INC.
 FARM: CROSS A-#1
 LOCATION: C SE SE Sec. 22-24-17
 EDWARDS COUNTY, KANSAS
 COMMENCED: 11-10-64
 COMPLETED: 11-23-64

0	43	Sand, Clay
43	80	Sand
80	240	Clay, Shale
240	365	Shale
365	610	Redbed, Shale
610	640	Sand
640	890	Redbed, Shale
890	1005	Sand, Shale
1005	1115	Shale, Redbed
1115	1131	Anhydrite
1131	1755	Shale, Shells
1755	1990	Shale, Lime
1990	2370	Lime
2370	2440	Shale, Lime
2440	2760	Lime, Shale
2760	3330	Shale, Lime
3330	3423	Lime, Shale
3423	4343	Lime
4343	4353	Chert
4353	4425	Lime, Chert
4425	4470	Sandy Shale, Lime
4470	4550	Lime, Chert
	<u>4550</u>	<u>Rotary Total Depth</u> - Set 4 1/2" Casing

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 CONSERVATION DIVISION
 STATE CORPORATION COMMISSION

Set 8 5/8" used surface casing @ 240' cemented with 235 sacks 60-40 Posmix Sunset

I, Leslie Kite, do hereby certify that the above and foregoing is a true and correct copy of the log of the Cross A-#1 well, located C. SE SE of Section 22, Township 24, Range 17, Edwards County, Kansas, as reflected by the files of Leben Drilling, Inc.

Leslie Kite

 Leslie Kite

STATE OF KANSAS)
) SS
 COUNTY OF BARTON)

Subscribed and sworn to before me, a Notary Public, in and for Barton County, Kansas, this 25th day of November, 1964.

Ulanda Nichols

 Ulanda Nichols

My Commission Expires
 April 1, 1967