

15-171-20098-00-00

DRILLERS LOG

R. L. CRIST NO. 1

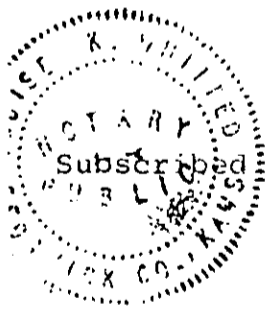
CASING RECORD:	OPERATOR: Maurice L. Brown Company	DESCRIPTION:
8-5/8" set @ 363' w/300 sax cement	CONTRACTOR: Sage Drilling Co., Inc.	C SW NE Sec. 31-20S-33W Scott Co., Kansas
TOTAL DEPTH: 5070'	COMMENCED: September 13, 1976	ELEVATION: 2948KB
	COMPLETED: October 1, 1976	

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>	<u>REMARKS</u>
Sand & Clay	0	368	
Shale	368	1060	
Shale & Sand	1060	1618	
Sand	1618	2140	
Shale	2140	2488	
Shale & Lime	2488	4630	
Lime & Shale	4630	3950	
Lime	3950	5070	5 1/2" set @ 4814' w/250 sax cement

I certify that this is a true and correct copy of the above log to the best of my knowledge.

SAGE DRILLING CO., INC.

By T. M. McCaul, Jr.
T. M. McCaul, Jr.



Subscribed and sworn to before me this 6th day of October, 1976.

Louise K. Whitted
Louise K. Whitted, Notary Public

My commission expires:
November 26, 1978.

RECEIVED
STATE CORPORATION COMMISSION

SFP 3 1982

CONSERVATION DIVISION
Wichita, Kansas