

11-10-75

DRILLERS LOG

DAMME NO. 20

CASING RECORD:	OPERATOR: W. L. Hartman	DESCRIPTION:
8-5/8" set @ 446' w/300 sax cement	CONTRACTOR: Sage Drilling Co.	NW SE NW Sec. 33-22S-33W Finney County, Kansas
TOTAL DEPTH: 6110'	COMMENCED: October 7, 1975	ELEVATION: 2879KB
	COMPLETED: November 1, 1975	

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>	<u>REMARKS</u>
Sand & Shale	0	1285	
Shale	1285	2145	
Shale & Shells	2145	2283	
Shale	2283	2529	
Lime & Shale	2529	3922	
Lime	3922	4423	
Lime & Shale	4423	4480	
Lime	4480	6110	5 1/2" set @ 6108' w/175 sax cement; Stage Collar #1 @ 4881' w/300 sax & Stage Collar #2 @ 3418' w/900 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 John R. Bartholomew  
John R. Bartholomew



Subscribed and sworn to before me this 6th day of November, 1975.

Louise K. Whitted  
Louise K. Whitted, Notary Public

My commission expires  
November 26, 1978.

STATE CORPORATION COMMISSION  
JUL - 2 1986  
CONSERVATION DIVISION  
Wichita, Kansas  
7-2-86