

JUN 28 1969

36-32S-9W
36-32-9W

DRILLERS LOG

OLIVER NO. 1

CASING RECORD: 8-5/8" @ 250'
w/200 sax cement

OPERATOR: William H. Pine

CONTRACTOR: Sage Drilling Co.

COMMENCED: March 31, 1969

TOTAL DEPTH: 4782'

COMPLETED: April 11, 1969

DESCRIPTION: C SE SE
Sec. 36-32S-9W
Harper County,
Kansas

Day

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>	<u>REMARKS</u>
Surface Soil	0	252	
Shale & Shells	252	850	
Shale, Shells, Salt & Lime	850	1470	
Shells, Shale & Lime	1470	1750	
Lime & Shale	1750	1965	
Shale & Lime	1965	2315	
Lime & Shale	2315	3363	
Lime, Shale & Sand	3363	3955	
Lime & Shale	3955	4015	
Lime	4015	4080	
Lime & Shale	4080	4400	
Mississippi	4400	4614	
Kinderhook Shale	4614	4653	
Kinderhook & Chat	4653	4692	
Chat	4692	4720	
Viola	4720	4782	D&A

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 Wayne W. Kahmeyer
Wayne W. Kahmeyer



scribed and sworn to before me this 14th day of April, 1969.