

DRILLERS LOG

GOODNIGHT NO. 1-13

CASING RECORD: OPERATOR: Mesa Petroleum Co. DESCRIPTION:
8-5/8" set @ 720' CONTRACTOR: Sage Drilling Co., Inc. 1320'FNL & 660'FEL
w/500 sax cement Sec. 13-34S-26W
Meade County,
Kansas.
TOTAL DEPTH: COMMENCED: January 2, 1979
5900' COMPLETED: January 15, 1979

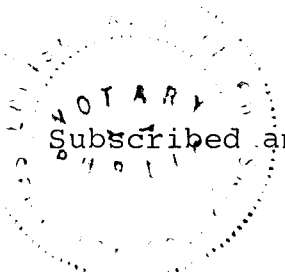
<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>	<u>REMARKS</u>
Red Bed	0	749	
Red Bed & Shells	749	1690	
Shale	1690	2040	
Shale & Anhydrite	2040	2103	
Lime & Shale	2103	2300	
Anhydrite & Dolomite	2300	2725	
Lime & Shale	2725	2925	
Dolomite & Shale	2925	3160	
Lime & Shale	3160	4045	
Shale & Lime	4045	4235	
Lime & Shale	4235	5900	Logged Hole; D & A

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

SAGE DRILLING CO., INC.

By John R. Bartholomew
John R. Bartholomew

Subscribed and sworn to before me this 22nd day of January, 1979.



Handwritten signatures and initials at the bottom of the page, including a large signature that appears to be "John R. Bartholomew" and other illegible initials.