

DRILLERS LOG

GARDNER NO. 1-20

CASING RECORD: OPERATOR: Mesa Petroleum DESCRIPTION:
8-5/8" set @ 645' CONTRACTOR: Sage Drilling Co., Inc. 660' FNL & 660' FWL
w/500 sax cement COMMENCED: September 16, 1981 Sec. 20-34S-24W
Clark County,
Kansas
TOTAL DEPTH: COMPLETED: September 27, 1981
6000'

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>	<u>REMARKS</u>
Red Bed	0	1124	
Red Bed & Anhydrite	1124	2000	
Anhyfrite	2000	2456	
Anhydrite & Dolomite	2456	2720	
Dolomite	2720	3688	
Shale	3688	4982	
Lime & Shale	4982	5122	
Shale & Lime	5122	5262	
Lime & Shale	5262	5635	Ran DST#1 @ 5543'
Lime	5635	5645	
Lime & Shale	5645	5898	
Lime	5898	6000	Logged Hole. 4½" set @ 5786' w/300 sax cement.

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 8th day of October, 1981.

Louise K. Whitted
Louise K. Whitted, Notary Public