

JUN 14 1969

22-10S-19W

15-163-20199

DRILLERS LOG

WINTERS NO. 1

CASING RECORD: OPERATOR: Thunderbird Drilling, Inc. DESCRIPTION:
8-5/8" @ 254' CONTRACTOR: Sage Drilling Co., Inc. NE NW NE
w/165 sax cement Sec. 22-10S-19W
COMMENCED: April 19, 1969 Rooks Co., Kans.
TOTAL DEPTH: SP: Dry
3719' COMPLETED: April 26, 1969 ELEVATION: 2176KB

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>	<u>REMARKS</u>
Shale & Sand	0	40	
Sandy Shale	40	120	
Shale & Clay	120	255	
Shale & Shells	255	985	
Sand	985	1125	
Sand, Red Bed & Shale	1125	1517	
Anhydrite	1517	1555	
Shale & Shells	1555	1965	
Shale w/Lime Streaks	1965	2265	
Lime & Shale	2265	2915	
Shale & Lime	2915	3200	
Lime & Shale	3200	3390	
Lime	3390	3485	
Lime & Shale	3485	3503	
Lime	3503	3599	
Lime & Shale	3599	3719	D&A

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

SAGE DRILLING CO., INC.

By Wayne W. Kahmeyer
Wayne W. Kahmeyer

Subscribed and sworn to before me this 29th day of April, 1969.