

24-10-19W

15-163-20270

DEC 27 1969

DRILLERS LOG

VOHS NO. 1

CASING RECORD:	OPERATOR:	Range Oil Company, Inc.	DESCRIPTION:
8-5/8" @ 230' w/150 sax cement	CONTRACTOR:	Sage Drilling Co., Inc.	NW SW NW Sec. 24-10S-19W Rooks Co., Kansas
TOTAL DEPTH:	COMMENCED:	November 11, 1969	ELEVATION: 2063 KB
3611'	COMPLETED:	November 22, 1969	

*Dry*

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>	<u>REMARKS</u>
Surface Clay, Rock & Shale	0	160	
Shale & Shells	160	230	
Shale	230	465	<i>Anhy. 1414</i>
Sand, Shale & Red Bed	465	610	
Shale	610	890	<i>Ord 3590</i>
Sand	890	1095	
Shale & Red Bed	1095	1400	
Shale & Shells	1400	1415	
Anhydrite	1415	1455	
Shale	1455	1780	
Shale & Shells	1780	1850	
Lime & Shale	1850	2515	
Lime	2515	2830	
Lime & Shale	2830	3070	
Lime	3070	3484	
Lime & Chert	3484	3570	
Simpson Dolomite	3570	3611	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



Subscribed and sworn to before me this 25th day of November, 1969.