

JUL 5 1969

31-135-16W

DRILLERS LOG

PETER BRAUN NO. 1

CASING RECORD:	OPERATOR:	<u>Range Oil Company, Inc.</u>	DESCRIPTION:
8-5/8" @ 209'	CONTRACTOR:	Sage Drilling Co., Inc.	Ap. SW SE SE
w/150 sax cement	COMMENCED:	April 10, 1969	<u>Sec. 31-135-16W</u>
TOTAL DEPTH:	COMPLETED:	April 17, 1969	Ellis Co., Kansas
3493'			ELEVATION: 1968KB

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>	<u>REMARKS</u>
Top Soil & Post Rock	0	30	
Shale & Shells	30	312	
Red Bed & Shale	312	405	
Sand	405	493	
Sand & Shale	493	514	
Pyrite Sand	514	527	
Shale	527	594	
Dakota Sand	594	727	
Shale	727	1081	
Anhydrite	1081	1128	
Lime & Shale	1128	2485	
Shale & Lime	2485	2909	
Lime & Shale	2909	3287	
Lime, Shale & Chert	3287	3328	
Lime & Shale	3328	3493	5 1/2" @ 3489 1/2' w/100 sax

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 21st day of April, 1969.