

JUN 14 1969

DRILLERS LOG

SCHARTZ "R" NO. 1

CASING RECORD:	OPERATOR: <u>Raymond Oil Co., Inc.</u>	DESCRIPTION:
9" set @ 194' w/165 sax cement	CONTRACTOR: Sage Drilling Co.	<u>SE NW SE</u> Sec. 10-19S-12W <u>Barton Co., Kansas</u>
TOTAL DEPTH: 3455'	COMMENCED: January 24, 1969	ELEVATION: 1835KB
	COMPLETED: January 30, 1969	

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>	<u>REMARKS</u> <i>Sp. Oil</i>
Shale & Pyrite	0	195	
Hard Sand & Blue Shale	195	375	
Red Bed	375	665	
Red Bed, Shale, Shells & Lime	665	1528	
Lime & Shale	1528	3083	
Shale & Lime	3083	3126	
Lime	3126	3170	
Lime & Shale	3170	3275	
Lime	3275	3360	
Lime & Shale	3360	3455	5½" @ 3450 w/150 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 3rd day of February, 1969.

Louise K. Whitted
Louise K. Whitted, Notary Public