

DRILLERS LOG

15-119-2072

5-33-29w

COLLINGWOOD UNIT NO. 5

CASING RECORD: OPERATOR: Imperial Oil Company DESCRIPTION:
8-5/8" set @ 1499' CONTRACTOR: Sage Drilling Co. 150' N of C SW NE
w/700 sax cement Sec. 5-33S-29W
Meade Co., Kansas
TOTAL DEPTH: COMMENCED: December 10, 1974
5860' COMPLETED: December 23, 1974 ELEVATION: 2710KB

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>	<u>REMARKS</u>
Clay & Sand	0	400	
Sand & Red Bed	400	950	
Shale & Red Bed	950	1410	
Anhydrite & Shale	1410	2220	
Shale	2220	2505	
Shale & Dolomite	2505	2617	
Lime & Shale	2617	3006	
Dolomite	3006	3397	
Lime & Shale	3397	3626	
Dolomite	3626	3932	
Lime & Shale	3932	4610	
Lime	4610	4760	
Lime & Shale	4760	5727	
Lime, Shale & Sand	5727	5780	
Lime & Shale	5780	5860	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 John R. Bartholomew

Subscribed and sworn to before me this 27th day of December, 1974.

Louise K. Whitted
Louise K. Whitted, Notary Public

My commission expires:
November 26, 1978.