

APR 11 1970

DRILLERS LOG

SPRINGER NO. 1

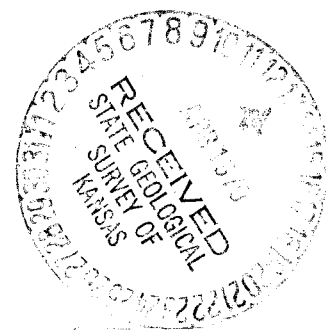
CASING RECORD:	OPERATOR:	Energy Minerals Corp.	DESCRIPTION:
8-5/8" @ 521'	CONTRACTOR:	Sage Drilling Co., Inc.	425' NL & 425' WL
w/275 sax cement	COMMENCED:	March 2, 1970	Sec. 25-22S-24W
TOTAL DEPTH:	COMPLETED:	March 12, 1970	Hodgeman Co., Ks.
4650'			ELEVATION: 2401 KB

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>
Top Soil & Shale	0	70
Shale	70	222
Sand & Shale	222	312
Shale	312	404
Sand	404	467
Shale	467	524
Shale & Red Bed	524	1094
Dakota Sand	1094	1292
Shale	1292	1620
Anhydrite	1620	1634
Shale & Shells	1634	1870
Shale, Shells & Salt	1870	2345
Shale & Lime	2345	2380
Lime & Shale	2380	3300
Shale & Lime	3300	3620
Lime & Shale	3620	3995
Lime	3995	4120
Lime & Shale	4120	4305
Lime	4305	4496
Lime & Chert	4496	4419
Shale & Lime	4419	4550
Lime, Shale & Chert	4550	4599
Sand	4599	4650

REMARKS

Dry/long

anhydrite 1619



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.

J. M. M. Carl