

JUN 14 1969

WELL LOG

Chief Drilling Co., Inc.
Box 797
Great Bend, Kansas 67530

ELMORE-RYAN #1
Approx. 150' E of SE NE
Sec. 16-16S-21W, Ness County,
Kansas

Contractor: Chief Drilling Co., Inc.

Commenced: 4/22/69

Completed: 4/30/69

Casing Record: 8 5/8" set 290' w/180 sacks cement

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>	<u>ELEVATION</u>
Clay	0	40	2333 Gr.
Hard Sand	40	75	2335 D.F.
Shale & sand	75	290	2338 K.B.
Hard cement & shale	290	480	
Sand & shale	480	1470	
Shale & red bed	1470	1630	
Anhydrite	1630	1676	
Shale & Shells	1676	1870	
Shale	1870	2130	
Shale & shells	2130	2500	
Shale & lime	2500	4095	
Lime	4095	4207	
Lime & shale	4207	4223	
Lime	4223	4250	
Shale, sand, & lime	4250	4290	

<u>LOG TOPS</u>	
Anhydrite	1366 + 972
Heebner	3717 -1379
Toronto	3741 -1403
Lansing	3764 -1426
Pawnee	4105 -1767
Ft. Scott	4191 -1853
1st Sand	4202 -1864
2nd Sand	4225 -1887
Conglomerate	4255 -1917
Mississippi	4282 -1944
Total Depth	4290 -1952
Log T.D.	4286 -1948

STATE OF KANSAS, COUNTY OF BARTON) ss:

I hereby certify that the above is a true and correct copy of the Driller's Log of the well drilled in approximately 150' E of SE NE of Section 16-16S-21W Ness County, Kansas, to the best of my knowledge and belief.

CHIEF DRILLING CO., INC.

Jim Robinson
Jim Robinson, Office Manager

Subscribed and sworn to before me this 2nd day of May, 1969.

Carmen R. Cook
Carmen R. Cook, Notary Public

