

15-051-01248-00-00

WELL LOG

Chief Drilling Co., Inc.
P. O. Box 97
Great Bend, Kansas

No. 1 Merrill
NW SE NE E/2 NE/4 Sec. 4-12S-19W
Ellis County, Kansas

Contractor: Chief Drilling Co., Inc.

Commenced: 11-16-60
Completed: 11-26-60
D & A

Casing Record: 8-5/8" at 203.28' with 150 sacks HA5 Quickset Cement

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>	<u>ELEVATION</u>	11-28-1960
Red Shale & Sand Streak	0	202'	2149' Gr.	GRANITE
Shale	202'	710'	2151' D.F.	DEEP
Sand	710'	830'	2153' K.B.	KANSAS
Shale	830'	1000'		
Sand	1000'	1150'		
Shale & Shells	1150'	1457'		
Anhydrite	1457'	1501'		
Shale & Shells	1501'	1785'	Anhydrite	1457' (+696)
Shale & Lime	1785'	2320'	Topeka	3122' (-969)
Lime & Shale	2320'	3122'	Heebner	3350' (-1197)
Lime	3122'	3350'	Toronto	3369' (-1216)
Shale & Lime	3350'	3391'	Lansing	3391' (-1238)
Lime	3391'	3619'	Base Kansas City	3619' (-1466)
Shale & Lime	3619'	3644'	Conglomerate	3644' (-1491)
Shale, Lime & Chert	3644'	3675'	Simpson	3664' (-1511)
Bolomite	3675'	3696'	Arbuckle	3675' (-1522)
Total Depth		3696'		

FORMATION TOPS

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 the NW SE NE E/2 NE/4 Sec. 4-12S-19W, Ellis County, Kansas to the best of my knowledge and belief.

CHIEF DRILLING CO., INC.

Richard Hoover
V. Richard Hoover, President

Subscribed and sworn to before me this 26th day of November, 1960.

My commission expires October 3, 1964.

Helen E. Fischer
Helen E. Fischer, Notary Public