

DRILLERS LOG

Coppinger & Southern & Finston & Co.

Hale #1
NW NW SW 11-78-23W
Graham County, Kansas

Elevation: 2374' Derrick Floor.
Total Depth: 4061' (Driller's)
Casing: 4-6-50
Comp: 4-23-50

Casing Record:

8 5/8" at 250' with 150 sacks cement.

Clay	20
Shale & Shells	60
Sand	160
Shale	250
Black Shale	465
White Shale	575
Gray Shale	860
Shale	1050
Sand	1160
Shale & Shells	1520
Sand	1640
Sand & Shale	1990
Shale	2055
Anhydrite	2090
Shale & Shells	2210
Sandy Lime	2425
Shale & Shells	2630
Lime	3090
Lime & Shale	3140
Lime	3170
Sandy Lime	3230
Shale	3290
Lime	3601
Lime & Shale	3640
Lime	3701
Lime & Chert	3736
Lime	3829
Lime & Shale	3898
Lime	3920
Shale	4000
Chert	4012
Conglomerate	4032
Lime	4061
Total Depth	4061

Tops:

T Anhydrite	2055'
T Topeka	3399'
T Hechmer	3613'
T Le-KC	3638'
T Arbuckle	4027'

COPPINGER & SOUTHERN
UNION NATIONAL BANK BUILDING
WICHITA, KANSAS

DRY AND ABANDONED

STATE OF KANSAS:

COUNTY OF SEDGWICK: ss

I, the undersigned, being duly sworn, on oath, state the above statement and log is a true and correct record and log of the well drilled at the location above described.

COPPINGER & SOUTHERN

By: *W. J. Coppinger*
W. J. Coppinger (Partner)

Subscribed and sworn to before me this 26th day of April, 1950 MAY 2 - 1950

By: *Henry S. Ficker*
Notary Public

5-2-50

PLUGGING
FILE SEC 11-17-23
BOOK PAGE 2 LINE 45

My commission expires April 1