

23-10-19W

State Geological Survey
WICHITA, BRANCH

DRILLERS' WELL LOG

MAR 08 1977

15-163-20663

23-10-19W

DATE COMMENCED: November 30, 1976
DATE COMPLETED: December 6, 1976

Graves Drilling Co., Inc.
COLLINS # 1
NE NE NW
Sec 23-T10-R19W
Rooks County, Kansas

ELEVATION: 2096 K.B.

FORMATION TOPS

0 - 215'	Clay and Shale
215 - 935'	Shale
935 - 1456'	Red Bed
1456 - 1492'	Anhydrite
1492 - 1936'	Shale
1936 - 3049'	Shale and Lime
3049 - 3267'	Lime
3267 - 3271'	Shale
3271 - 3521'	Lime
3521 - 3546'	Lime and Shale
3546 - 3602'	Lime, Shale and Chert
3602 - 3650'	Dolomite
3650'	RTD

Anhydrite	1456
Topeka	3049
Heebner	3267
Toronto	3288
Lansing	3307
Base K.C.	3521
Marmaton	3546
Arbuckle	3602
RTD	3650

SURFACE PIPE:

Set used 8 5/8", 28# pipe
at 215' w/150 sacks Common,
2% Gal, 3% cc.

A F F I D A V I T

STATE OF KANSAS }
COUNTY OF BARTON } ss.

Larry Curtis, of lawful age, does swear and state that the facts and
statements herein contained are true and correct to the best of his knowledge.

Larry Curtis

Subscribed and sworn to before me this 9th day of December, 1976.

Heather M. Hague
Notary Public

Commission Expires: April 11, 1978