

DRILLERS' WELL LOG

DATE COMMENCED: August 28, 1978
DATE COMPLETED: September 5, 1978

Rockwood Petroleum Co.
JOHNSON #1
C N/2 SE/4 NW/4
Sec. 35-T13S-R15W
Russell County, Ks.

ELEVATION: 1896 K.B.

0 - 100' Clay, Post Rock, Shale
100 - 120' Pyrite streaks
120 - 949' Shale
949 - 986' ANHYDRITE
986 - 1900' Shale & Lime
1900 - 2784' Lime & Shale
2784 - 3013' Lime
3013 - 3017' Shale
3017 - 3029' Lime & Shale
3029 - 3051' Lime
3051 - 3070' Shale
3070 - 3296' Lime
3296 - 3307' Lime & Shale
3307 - 3326' Shale, Lime, Chert
3326 - 3350' Dolomite
3350' RTD

FORMATION DATA

ANHYDRITE	949
TOPEKA	2784
HEESNER	3013
TORONTO	3029
DOUGLAS	3051
LANSDING-KC	3070
BASE KC	3296
MARMATON	3307
ARBUCKLE	3326
RTD	3350

SURFACE PIPE: Set used
6-5/8" 28.3 pipe at 260'
with 160 sacks common cement,
2% Gel, 3% cc.

AFFIDAVIT

STATE OF KANSAS
COUNTY OF BARTON) ss.

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

Bill Draney

Subscribed and sworn to before me this 6 day of September 1978.

My Comm. Expires:

April 11, 1982

L. S. M. L. L. L.
Notary Public