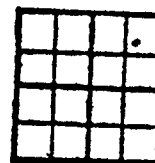


Wichita, Kansas

JUL 10 1971

DRILLERS LOG

D.R. Roth 2-D



CASING RECORD:

8 5/8" @ 1100'
w/475 sx cement

5 1/2" @ 3530'
w/200 sx cement

TOTAL DEPTH: 3530'

COMPANY: Real Petroleum Company

CONTRACTOR: Red Tiger Drilling Co.

COMMENCED: June 4, 1971

COMPLETED: June 15, 1971

DESCRIPTION:

SW NE NE

4-16S-17W

Rush County,
Kansas

ELEVATION: 1949' KB

P-119 BOPD Plus 5% Wtr./LKC

FORMATION

FROM

TO

REMARKS

Hard Rock
Shale & Shells
Sand & Shale
Shale
Sand
Red Bed
Anhydrite
Shale
Lime & Shale
Lime

0 75
75 310
310 349
349 505
505 731
731 1086
1086 1127
1127 1788
1788 2985
2985 3530

SAMPLE TOPS:

Stone Corral 1086-
B " " 1127
Topeka 2964
Queen Hill 3104
Heebner 3194
Toronto 3212
Lansing 3240
Arbuckle Not Reported

DST (1) 3226-50

DST (2) 3437-75

I certify that this is a true and correct copy of the above log to the best of my knowledge.

RED TIGER DRILLING COMPANY

Jim Farrice
Jim Farrice

Subscribed and sworn to before me this 22nd day of June, 1971.

Virginia E. Albert
Notary Public

My Commission Expires:

July 23, 1974