

DRILLERS LOG

15-165-20670
4-16-17W

No. 1 Burgardt "B"

CASING RECORD:

3 5/8" @ 1149'
w/450 sx cement

COMPANY: Frontier Oil Company

CONTRACTOR: Red Tiger Drilling Company

COMMENCED: December 3, 1977

COMPLETED: December 14, 1977

DESCRIPTION:

SW/4 SE/4 SE/4
Sec. 4-T16S-R17W
Rush County, Kansas

TOTAL DEPTH: 3,596'

ELEVATION: 2,007' KB

FORMATION

Clay & Post Rock
Shale & Sand
T. Sand
Shale
Shale & Red Bed
Anhydrite
Shale
Shale & Lime
Shale
Shale & Lime
Lime
Lime & Shale
Lime
RTD

FROM

0
40
95
780
995
1138
1174
1925
2765
2850
3050
3165
3386

TO

40
95
780
995
1138
1174
1925
2765
2850
3050
3165
3386
3596

REMARKS

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

RED TIGER DRILLING COMPANY

Gloria Fawcett
Gloria Fawcett

Subscribed and sworn to before me this 19th day of December, 1977.

James A. Hageman
Notary Public