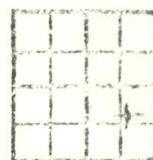


Wichita, Kansas

12-145-19W

KANSAS

DRILLERS LOG

No. 1 Kraus

CASING RECORD:

8-5/8" @ 240'
w/100 sx. cnt.

TOTAL DEPTH: 3705'

COMPANY: Black Petroleum Co.

CONTRACTOR: Red Tiger Drilling Co.

COMMENCED: July 2, 1974

COMPLETED: July 11, 1974

DESCRIPTION:

SW NE SE
22-145-19W
Ellis County,
Kansas

ELEVATION: 2145' Gr.

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>	<u>REMARKS</u>
Shale & Post Rock	0	120	LOG TOPS
Shale	120	240	ANH 1423
Shale & Sand	240	969	TOP 3152
Shale & Redbed	969	1405	HEEB 3419
Shale	1405	1423	TOR 3451
Anhydrite	1423	1460	LANS 3471
Shale	1460	2240	BKC 3705
Shale & Lime	2240	2390	ARB 3791
Lime	2390	2510	LTD 3797
Lime & Shale	2510	2850	RTD 3795
Shale	2850	3035	
Lime & Shale	3035	3180	
Lime	3180	3795	

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

RED TIGER DRILLING COMPANY

Linda H. Dickens
Linda H. Dickens

Subscribed and sworn to before me this 16th day of July, 1974.

D'Ann Drennan
Notary Public

My Commission Expires:

December 28, 1977

