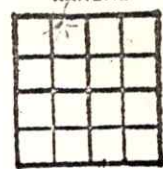


32-16-17W
NW NE NW
KANSAS



JUL 3 1971

DRILLERS LOG

No. 1 Lippert "C"

CASING RECORD:

8 5/8" @ 262'
w/150 sx cement

4 1/2" @ 3600'
w/275 sx cement

TOTAL DEPTH: 3602'

COMPANY: Frontier Oil Co.

CONTRACTOR: Red Tiger Drilling Co.

COMMENCED: May 5, 1971

COMPLETED: May 20, 1971

DESCRIPTION:

NW NE NW
32-16S-17W
Rush County,
Kansas

ELEVATION: 2046 GL
2051 RB

GA 1,483,000 CECD/TOP

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>	<u>REMARKS</u>
Sod, Shale	0	265	LOG TOPS: Anhydrite 1158 Br Lime 2682 Toronto 2790 Elmont 2838 Topeka 3028 LKC 3307 BKC 3528 Sdy Cong. 3567 Reag. Sd 3589 RTD 3602 DDTD 3615
Shale	265	595	
Sand	595	820	
Red Bed	820	1158	
Anhydrite	1158	1195	
Red Bed & Shale	1195	1415	
Shale	1415	1680	
Shale & Shells	1680	1830	
Shale & Lime	1830	2505	
Shale	2505	2734	
Lime & Shale	2734	2866	
Lime	2866	3570	
Sand & Lime	3570	3575	
Sand & Lime	3575	3602	
DDTD		3615	

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 26th day of May, 1971.



Virginia K. Albert
Notary Public

My Commission Expires: