

KANSAS GEOLOGICAL SOCIETY-
508 East Murdock
Wichita, Kansas

FEB 28 1970

33-16-17U
NE SE SW

DRILLERS LOG

No. 3 Lippert "A"

CASING RECORD:

8 5/8" @ 200'
w/145 sx cement

4 1/2" @ 3618'
w/75 sx cement

TOTAL DEPTH: 3635'

COMPANY: Frontier Oil Company

CONTRACTOR: Red Tiger Drilling Company

COMMENCED: December 13, 1969

COMPLETED: December 23, 1969

DESCRIPTION:

NE SE SW
33-16S-17W
Rush County,
Kansas

ELEVATION: 2034 GL
2039 RB

4480

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>	<u>REMARKS</u>
Shale	0	570	
Sand	570	825	
Shale	825	1185	
Anhydrite	1185	1218	
Shale	1218	1870	
Lime & Shale	1870	2235	
Lime	2235	2365	
Lime & Shale	2365	3025	
Lime	3025	3635	

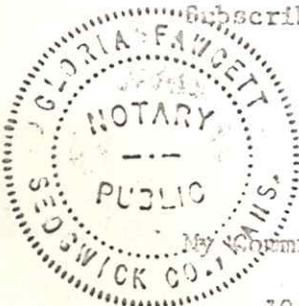
anby 1186

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

FRONTIER OIL COMPANY

Norman E. Klein
Norman E. Klein

Subscribed and sworn to before me this 31st day of December, 1969.



Gloria Fawcett
Notary Public

My Commission Expires:

10/25/72