

FEB 20 1971

10-4-19W  
NE SW SW

DRILLERS LOG

No. 1 Roader

P 10 BOPD + 52% water  
GR 33.6 LKC

CASING RECORD:

8 5/8" @ 188'  
w/150 ex cement

4 1/2" @ 3452'  
w/250 ex cement

TOTAL DEPTH: 3455'

COMPANY: Petroleum Management, Inc.

CONTRACTOR: Red Tiger Drilling Company

COMMENCED: September 22, 1970

COMPLETED: October 2, 1970

DESCRIPTION:

NE SW SW  
10-4S-19W  
Phillips County,  
Kansas

ELEVATION: 2012' KB

FORMATION

FROM

TO

REMARKS

Shale	0	197	
Shale & Sand	197	930	
Shale & Hard Sand	930	940	
Sand	940	1100	
Shale	1100	1504	
Anhydrite	1504	1530	
Shale & Lime	1530	2780	
Lime	2780	3455	

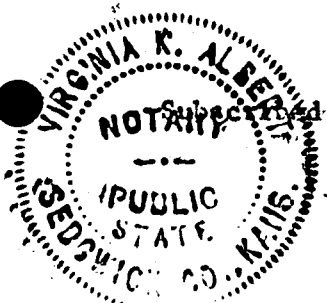
Sample Logs  
Heelner 3146  
Toronto 3169  
Lansing 3188  
BKCO 3406

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 5 day of October, 1970.



Virginia K. Albert  
Notary Public

My Commission Expires:

July 23, 1974