

**KANSAS GEOLOGICAL SOCIETY**  
**KANSAS WELL LOG BUREAU - KANSAS WELL SAMPLE BUREAU**  
 KANSAS GEOLOGICAL SOCIETY BUILDING  
 508 EAST MURDOCK - WICHITA, KANSAS

15-179-30148

COMPANY THUNDERBIRD DRIG., INC.

SEC. 22 T. 9 R. 26W

FARM Chestnut NO. 1

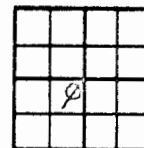
LOC. NE NE SW

TOTAL DEPTH 4157'

COUNTY Sheridan  
KANSAS

COMM. 11-2-67

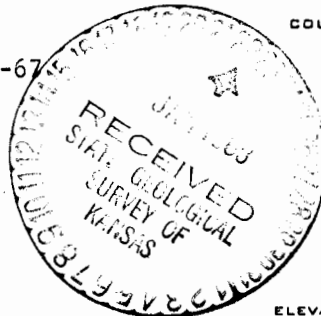
COMP. 11-9-67



SHOT OR TREATED

CONTRACTOR Sage Drig. CO., Inc.

ISSUED 1-20-68



CASING

20	10	
15	8 5/8	247'w/165 sx cem.
12	6	
13	5	

ELEVATION 2667' KB

PRODUCTION BRY(BKC)

FIGURES INDICATE BOTTOM OF FORMATIONS

Surface Soil	0	248	TOPS: SCOUT	SAME
Shale	248	1625	Anhydrite	2314.
Shale, Shells & Red Bed	1625	1919	Heebner	3870
Dakota	1919	2085	Toronto	3893
Shale	2085	2100	Lansing Kansas City	
Shale & Sand	2100	2314		3907
Anhydrite	2314	2381	B/Kansas City	4132
Shale & Lime	2381	2927		
Lime & Shale	2927	3301		
Lime	3301	3431		
Lime & Shale	3431	4157		

D&A

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

SAGE DRILLING CO., INC.

By Lawrence F. Gray  
Lawrence F. Gray

Subscribed and sworn to before me this 13th day of November, 1967.

Louise K. Whitted  
Louise K. Whitted, Notary Public

My commission expires:  
November 26, 1970.