

32-16-19W

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

COMPANY **ROCK ISLAND OIL & REF.**

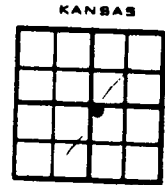
SEC. 32 T. 16 N. 19W
 LOC. NW NW SE

FARM **Hardwick** NO. **1**

TOTAL DEPTH **3946'**
 COMM. **12-18-67** COMP. **12-30-67**

COUNTY **Rush**

SHOT OR TREATED
 CONTRACTOR **Red Tiger Drlg.**
 ISSUED **3-23-68**



CASING

20	10	
15	8	5/8" 140' cem w/ 140 sx
12	6	
13	5	5/8" 3946' cem w/ 100 sx

ELEVATION **2067'** KB

PRODUCTION SWDW-RATE **SATIS**
 Arb/ 3946-56

FIGURES INDICATE BOTTOM OF FORMATIONS

Shale	0	710	TOPS: SMP	
Sand	710	970	Anhydrite	1298
Shale	370	1298	Heebner	3399
Anhydrite	1298	1335	Lansing	3441
Shale	1335	2000	Base Kansas City	3701
Shale & Lime	2000	2380	Arbuckle	3807
Lime	2380	2470		
Lime & Shale	2470	3155		
Lime	3155	3285		
Lime & Shale	3285	3385		
Lime	3385	3956		

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

RED TIGER DRILLING COMPANY

Norman S. Klein

Subscribed and sworn to before me this 31st day of December, 1967.

Betty M. Maloney
 Notary Public

My Commission Expires:

3-22-71