

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

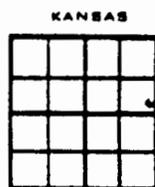
COMPANY **ROCK ISLAND OIL & REFINING**

SEC. **31. 16 N. 19W**  
 LOG. **SE SE NE**

FARM **Littler** NO. **1**

COUNTY **Rush**

TOTAL DEPTH **3865'**  
 COMM. **8-22-67** COMP. **9-1-67**



SHOT OR TREATED  
 CONTRACTOR **Red Tiger Drlg.**  
 ISSUED **6-1-68**

CASING  
 20 10  
 15 8 5/8" 268.56' cem w/ 175 sx  
 12 6  
 13 5  
 4 1/2" 3864.1' cem w/ 150 sx

ELEVATION **2077' KB**

PRODUCTION **P 190 BOFID**  
**Arb 3802-08**

FIGURES INDICATE BOTTOM OF FORMATIONS

Post Rock & Shale	0	150	TOPS? LOG	
Shale	150	715	Anhydrite (s)	1253
Sand	715	975	Base Anhydrite (s)	1333
Shale	975	1299	Lansing	3438
Anhydrite	1299	1333	Arbuckle	3500
Shale	1333	2066	LTD	3862
Lime & Shale	2066	2555	RTD	3865
Lime	2555	2630		
Shale & Lime	2630	3008		
Lime	3008	3865		

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

**RED TIGER DRILLING COMPANY**

*Maxine V. Starr*  
 Maxine V. Starr

Subscribed and sworn to before me this 5th day of September, 1967.

*Helen L. Tolson*  
 Notary Public

My Commission Expires:

6-12-68