

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

COPY
 15-103-30208

COMPANY HINKLE OIL

SEC. 15 T. 9 R. 20W

FARM Kern

NO. 1

LOC. NW SE NW

TOTAL DEPTH 3662'
 COMM. 6-1-67 COMP. 6-10-67
 SHOT OR TREATED
 CONTRACTOR Red Tiger Drlg.
 ISSUED 9-9-67

COUNTY Rocks

KANSAS		

CASING
 20 10
 15 8 5/8" 248' cem w/ 165 sx
 12 6
 13 5 1/2" 3657' cem w/ 150 sx

ELEVATION 2163' KB

PRODUCTION 101 BOPD, NW / ARB
 3657-62, GRAV 27.5

FIGURES INDICATE BOTTOM OF FORMATIONS

Surface Soil & Rock	0	45	TOPS: LOG
Shale & Shells	45	240	Topcka 3148
Shale	240	866	Heebner 3352
Sand & Shale	866	1146	Toronto 3373
Sand	1146	1392	Lansing 3391
Red Bed	1392	1660	Base Kansas
Anhydrite	1660	1698	City 3598
Shale & Shells	1698	2160	Conglomerate 3648
Lime & Shale	2160	2505	Arbuckle 3654
Lime	2505	2515	
Shale & Lime	2515	3215	
Lime	3215	3252	
Heebner	3252	3353	
Lime & Shale	3353	3391	
Lansing-Kansas City	3391	3400	
Lime	3400	3598	
Shale	3598	3635	
Shale & Lime	3635	3648	
Conglomerate	3648	3654	
Arbuckle	3654	3662	

Total Depth

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

FRONTIER OIL COMPANY

Maxine V. Starr
 Maxine V. Starr

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

Dean Hollan