

22-31-5W

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

COMPANY MACK OIL

SEC. 22 T. 31 R. 5W

FARM Hiebert

NO. 1

LOC. C NE NE

COUNTY Harper

TOTAL DEPTH 4668'

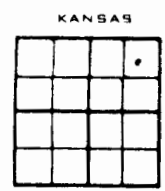
COMM. 5-23-67

COMP. 5-31-67

SHOT OR TREATED

CONTRACTOR Mack Oil

ISSUED 7-1-67



CASING

20 10
15 8 5/8" 224' cem w/ 225 sx
12 6
13 5

ELEVATION 1323' KB

PRODUCTION DRY/ SIMP

FIGURES INDICATE BOTTOM OF FORMATIONS

Sand	0 - 50'	TOPS: SCOUT
Red Rock	50 - 227	Heebner 2958
Shale	227 - 939	Toronto (SMP) 2976
Shale & Shells	939 - 1390	Stalnaker 3258
Lime	1390 - 1623	Kansas City 3542
Lime & Shale	1623 - 2337	Swope (SMP) 3687
Shale	2337 - 2620	Hertha (SMP) 3727
Lime & Shale	2620 - 3123	Base Kansas City (smp) 3771
Shale	3123 - 3395	Marmaton 3850
Lime	3395 - 3837	Cherokee (SMP) 3983
Lime & Shale	3837 - 3977	Mississippi 4186
Shale & Lime	3977 - 4134	Kinderhook 4546
Lime	4134 - 4237	Simpson sand 4646
Chat	4237 - 4324	
Chat & Lime	4324 - 4557	
Lime	4557 - 4668'	
Total Depth		

I hereby certify that the above is a true and correct log of said well as reflected by the daily drilling reports.

MACK OIL CO.

By Robert L. Harris
Robert L. Harris

Signed and sworn to in my presence this 2nd day of June, 1967, by Robert L. Harris, representative of Mack Oil Co.

Elizabeth F. Nice
Elizabeth F. Nice, Notary Public