

20-23-21W

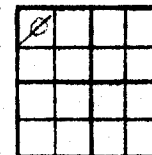
KANSAS GEOLOGICAL SOCIETY
KANSAS WELL LOG BUREAU - KANSAS WELL SAMPLE BUREAU
KANSAS GEOLOGICAL SOCIETY BUILDING
508 EAST MURDOCK - WICHITA, KANSAS

COMPANY **HELLAR DRILLING & LARIO OIL & GAS**
 FARM **Burke** NO. **1**

SEC. **20. 23** R. **21W**
 LOC. **C NW NW**

TOTAL DEPTH **4655'**
 COMM. **10-25-67** COMP. **11-25-67**
 SHOT OR TREATED
 CONTRACTOR **Hellar Drlg.**
 ISSUED **2-17-68**

COUNTY **Hodgeman**
 KANSAS



CASING

20 **10**
15 **5/8" 281' cem w/165 sx**
12 **6**
13 **5**

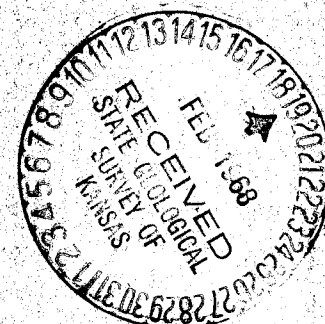
ELEVATION **2343' KB**

PRODUCTION **DRY/OSAGE**

FIGURES INDICATE BOTTOM OF FORMATIONS

0-75	Post Rock	TOPS: LOG	
75-100	Shale & Red Bed	Anhydrite (s)	1462
100-281	Shale, Shells & Sand	Base Anhydrite (s)	1483
281-560	Shale	Heebner	3926
560-1462	Shale & Red Bed	Toronto	3943
1462-1483	Anhydrite	Douglas	3965
1483-1521	Shale	Brown lime	4006
1521-1790	Shale & Shells	Lansing Kansas	
1790-2395	Shale	City	4018
2395-2550	Lime & Shale	Base Kansas City	4364
2550-2680	Ft. Riley Section	Fort Scott	4538
2680-3599	Lime & Shale	Cherokee	4562
3599-3860	Topeka Lime	Erosion Mississippi	4595
3860-3954	Lime	Wasrsaw Mississippi	4606
3954-4013	Douglas Shale Section	Osage	4628
4013-4050	Lansing		
4050-4105	K. C. Lime		
4105-4150	Lime & some Chert		
4150-4275	K. C. Lime		
4275-4340	Lime		
4340-4440	K. C. Lime		
4440-4612	Lime		
4612-4626	Lime & Chert		
4626-4655	Miss. Lime & Chert		
4655	Rotary Total Depth		

D & A



STATE OF KANSAS)
) SS
 COUNTY OF SEDGWICK)

I, D. L. Hellar, do hereby certify that the above and foregoing is a true and correct copy of the log of the #1 Burke, located in C NW NW 20-23S-21W, Hodgeman County, Kansas, as reflected by the files of the Hellar Drilling Company, Inc.

HELLAR DRILLING COMPANY, INC.