

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

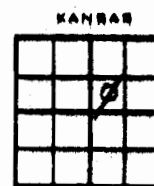
20-23-19W

COMPANY **STICKLE DRILLING**  
 FARM **BUTTERFIELD** NO. **1**

SEC. 20 T. 23 R. 19W  
 COR. C SW NE

TOTAL DEPTH **4246'**  
 COMM. **4-1-68** COMP. **4-10-68**  
 SHOT OR TREATED  
 CONTRACTOR **Woodman & Iannitti Drlg.**  
 IRREHER **6-8-68**

COUNTY **Edwards**



**CASING**

20 10  
 15 8 5/8" 290' cem w/ 200 sx  
 12 6  
 10 5

ELEVATION **2233' KB**

PRODUCTION **DRY/LANS**

FIGURES INDICATE BOTTOM OF FORMATIONS

160	Clay
280	Blue Shale
290	Red Bed
320	Red Bed & Sand
510	Shale
785	Red Bed & Streaks of Sand
910	Sand
1215	Red Bed
1335	Red Bed
2350	Anhy
1675	Red Bed & Shale
2120	Shale & Shells
2315	Lima & Shale
2410	Lime
2530	Lime
2635	Lima
2720	Lime
2815	Lime
2905	Lime
3020	Lime
3140	Lime
3285	Lime
3405	Lime
3570	Lime
3705	Lime
3800	Lime
3885	Lima
3970	Lime
4025	Lime
4095	Lima
4160	Lima
4225	Lime
4245	Lime

**TOPS: LOG**

Anhydrite (s)	1335
Base Anhydrite (s)	1350
Heebner	3848
Kansas City (s)	3956
Brown Lime	3946
Lansing	3957
TD	4246

**4246 Total Depth**

I certify the above to be a true and correct copy of the driller's log and the geological tops to the best of my knowledge and belief.

Woodman & Iannitti Drilling Company

K. T. Woodman