

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

10-4-27W

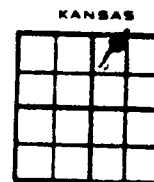
COMPANY **CHIEF DRLG. CO., INC.**

SEC. 10 T. 4 R. 27W  
 LOC. NE NW NE

FARM **Crandell** NO. **1**

TOTAL DEPTH **3800'**  
 COMM. **6-28-68** COMP. **7-4-68**  
 SHOT OR TREATED  
 CONTRACTOR **Chief Drlg. Co., Inc.**  
 ISSUED **8-17-68**

COUNTY **Decatur**



CASING  
 20 10  
 15 8 5/8 217' w/165 SX cem.  
 12 6  
 13 5

ELEVATION **2639' K.B.**

PRODUCTION **DRY/BKC**

FIGURES INDICATE BOTTOM OF FORMATIONS

FORMATION	FROM	TO	ELEVATION
Post rock & Shale	0	217	2634 Gr.
Shale	217	1150	2636 D.F.
Shale w/Sand Streaks	1150	1400	2639 K.B.
Shale, Shells & Sand Streaks	1400	1900	
Shale & Shells	1900	1970	
Red Bed, Shale & Sand Streaks	1970	2177	
Anhydrite	2177	2209	LOG TOPS
Shale & Shells	2209	2585	Anhydrite (SC) 2177
Shale & Lime	2585	3530	Heebner 3538 - 899
Lime	3530	3616	Toronto 3508 - 929
Lime & Shale	3616	3800	Lansing-KC 3580 - 941
Total Depth	3800		Base Kansas City 3780 -1141
			Total Depth 3800 -1161

STATE OF KANSAS, COUNTY OF BARTON) SS

I hereby certify that the above is a true and correct copy of the Driller's Log of the well drilled in the NE NW NE Section 10-4S-27W, Decatur County, Kansas, to the best of my knowledge and belief.

CHIEF DRILLING CO., INC.

*Thomas G. Wesselowski*  
 Thomas G. Wesselowski, Geologist

Subscribed and sworn to before me this 5th day of July, 1968.

*Carmen R. Cook*  
 Carmen R. Cook, Notary Public

My commission expires: Dec. 12, 1970.