

CONTRACTOR'S WELL LOG

15-039-20361

OPERATOR: GEMINI Corporation  
 CONTRACTOR: Abercrombie Drilling, Inc.  
 WELL NAME: BROWN #1-9  
 LOCATION: SW SW SW, Section 9-4S-28W  
 Decatur County, Kansas  
 SPUD DATE: September 29, 1976  
 COMPLETION DATE: October 6, 1976

0	70	Surface Clay
70	85	Sand
85	865	Shale & Clay
865	1770	Shale
1770	2543	Shale & Sand
2543	2576	Anhydrite
2576	2805	Shale
2805	3352	Shale & Lime
3352	3490	Shale
3490	3620	Shale & Lime
3620	3755	Lime & Shale
2755	3843	Shale & Lime
3843	3933	Lime & Shale
3933	4115	Lime
	4115	Rotary Total Depth

Spud at 1:45 p.m. 9-29-76. Drilled 238' of 12 1/4" hole. Ran 6 jts. of 8 5/8" casing (Tally 230'). Set at 237' K. B. with 180 sx. 60/40 posmix, 3% Ca. Cl. Plug was down at 7:30 p.m. 9-29-76. Cement did circulate.

D. 4115'. Set plug at 1500' with 70 sx., 2nd plug at 215' with 30 sx., 40' with 10 sx. Plug was down at 4:30 a.m. 10-6-76. State Plugger - Leo Massey.

AMPLE TOPS:

Anhydrite 2543'  
 B/Anhydrite 2576'

STATE OF KANSAS )  
 ) SS  
 COUNTY OF SEDGWICK )

Jack L. Partridge, Assistant Secretary-Treasurer of Abercrombie Drilling, Inc., does hereby state that the above and foregoing is a true and correct copy of the log of the BROWN #1-9, SW SW SW, Section 9-4S-28W, Decatur County, Kansas