

OPERATOR: John P. Jennings Oil Co.  
 CONTRACTOR: Abercrombie Drilling, Inc.  
 WELL NAME: Lemke #1  
 LOCATION: SE SW NW Section 15-11S-23W  
 Trego County, Kansas  
 SPUD DATE: July 25, 1978  
 COMPLETION DATE: August 2, 1978

0	180	Surface sand
180	220	Shale
220	1721	Sand & shale
1721	1768	Anhydrite
1768	2279	Shale & red beds
2279	2480	Shale & lime
2480	3550	Lime & shale
3550	3625	Lime
3625	3639	Lime & shale
3639	3701	Lime
3701	3744	Lime & shale
3744	3765	Shale & lime
	3765	Rotary Total Depth

Spud hole at 12:00 p.m., July 25, 1978. Drilled 222' of 12 1/4" hole. Ran 5 joints of 8-5/8" - 28# surface casing. Set at 219.03' with 150 sacks common cement, 3% CaCl, 2% gel. Job complete July 26, 1978.

T. D. 3765'. Set first plug at 660' with 70 sacks, second plug at 215' with 20 sacks, top plug at 40' to surface with 10 sacks. Cemented with 50/50 posmix, 6% gel. Plug was down at 11:40 p.m., August 2, 1978. State Plugger - Leo Massey.

SAMPLE TOPS:

Anhydrite	1721 (+ 544)
B/Anhydrite	1768 (+ 497)

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 Lemke #1, SE SW NW Section 15-11S-23W, Trego County, Kansas.

ABERCROMBIE DRILLING, INC.

BY Jack L. Partridge  
 Jack L. Partridge,  
 Assistant Secretary-Treasurer