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24-33-13W  
State Geological Survey  
WICHITA BRANCH

CONTRACTOR'S WELL LOG

OPERATOR: Kansas Oil Corporation  
 CONTRACTOR: Abercrombie Drilling, Inc.  
 WELL NAME: MEDICINE LODGE #1  
 LOCATION: N/2 N/2, Section 24, 33S, 13W  
 Barber County, Kansas  
 PUD DATE: 06-05-80  
 COMPLETION DATE: 06-19-80

0	251	Clay & Red Bed
251	1605	Red Beds & Shale
1605	4950	Lime & Shale
	4950	Rotary Total Depth

Spud hole on 06-05-80. Drilled 79' of 18-3/4" hole. Ran 4 joints of 16" - 55# casing. Cemented with 300 sacks of common, 3% Ca.Cl., 2% gel. Drilled 371' of 11-1/4" hole. Came out of hole and ratholed 7-7/8" hole to 975'. Ran 9 joints of new 8-5/8" - 20# casing. (Tally 349'). Set at 359'. Cemented with 275 sx. of common, 3% Ca.Cl., 2% gel. Cement did circulate. Plug was down at 1:30 a.m., 06-06-80.

T.D. 4950'. Ran 110 joints of 4-1/2" - 10-1/2" casing, tally 4640.39, set @ 40.39. Cemented with 300 sx. of 60/40 posmix, 10% salt. Job completed at 2:15 on 06-19-80.

SAMPLE TOPS:

Anhydrite 1388'  
 B/Anhydrite 1403'

RECEIVED  
 STATE CORPORATION COMMISSION  
 JUL - 7 1980  
 CONSERVATION DIVISION  
 Wichita, Kansas

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 MEDICINE LODGE #1, N/2 N/2, Section 24-33S-13W, Barber County, Kansas

ABERCROMBIE DRILLING, INC.

*[Handwritten signature]*