

CONTRACTOR'S WELL LOG

OPERATOR: F & M Oil Company
 CONTRACTOR: Abercrombie Drilling, Inc.
 WELL NAME: Demurry #1
 LOCATION: C NW NE, Section 3-11-22
 Trego County, Kansas
 SPUD DATE: December 13, 1979
 COMPLETION DATE: December 22, 1979

0	102	Surface clay and shale
102	282	Shale and sand
282	526	Sand and shale
526	1718	Shale and sand
1718	1755	Anhydrite
1755	1960	Shale and sand
1960	3145	Shale
3145	3419	Shale and lime
3419	3525	Lime and shale
3525	3745	Lime
3745	3835	Lime and conglomerate
3835	3895	Lime
3895	3975	Conglomerate chert & Arbuckle
	3975	Rotary Total Depth

Spud hole at 1:45 p.m., December 13, 1979. Drilled 282' of 12 1/4" hole. Ran 7 joints of 8-5/8" new 20# casing. (Talley 273') Set at 280' with 220 sacks of common cement, 3% Ca.Cl., 2% gel. Cement did circulate. Plug was down at 7:00 p.m., December 13, 1979.

T.D. 3975'. Ran 100 joints of 4 1/2" - 10 1/2# casing. (Talley 4001'). Set at 3956'. Cemented with 100 sacks of salt saturated cement. Ran 10 bbls. salt flush ahead of cement. Plug was down at 12:00 midnight, December 22, 1979.

SAMPLE TOPS:

Anhydrite 1718'
 B/Anhydrite 1755'

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 Demurry #1, C NW NE, Section 3-11-22, Trego County, Kansas.