

CONTRACTOR'S WELL LOG

OPERATOR: Zenith Drilling Corp.
CONTRACTOR: Abercrombie Drilling, Inc.
WELL NAME: HALL #2
LOCATION: C SE/4, Section 14-13S-21W
Trego County, Kansas
SPUD DATE: 4-22-77
COMPLETION DATE: 4-29-77

0	103	Surface Clay
103	135	Sand
135	256	Shale
256	856	Shale & Sand
856	1055	Shale
1055	1280	Sand
1280	1564	Shale
1564	1605	Anhydrite
1605	2210	Shale
2210	2560	Shale & Lime
2560	2860	Shale, Sand & Lime
2860	3299	Shale & Lime
3299	3565	Lime & Shale
3565	3904	Lime
	3904	Rotary Total Depth

Spud hole at 12:15 p.m. 4-22-77. Drilled 256' of 12 $\frac{1}{4}$ " hole. Ran 6 jts. of 8 5/8" surface casing. (Tally 248') Set at 255' K.B. with 190 Sx. of Class "A" Cement, 3% Ca. Cl., 2% gel. Cement did circulate. Plug was down at 5:35 p.m. 4-22-77.

D. 3904', Ran Electric Log. Ran 107 jts. of 4 $\frac{1}{2}$ "-10 $\frac{1}{2}$ "# Production Casing. Set at 3900' with 175 sx. 50/50 posmix, 18% Salt, 75% CFR-2. (Tally 3899.67') Plug was down at 8:30 p.m. 4-29-77.

SAMPLE TOPS:

Anhydrite 1564' (+642)
B/Anhydrite 1605' (+601)

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 HALL #2, C SE/4, Section 14-13S-21W, Trego County, Kansas.

ABERCROMBIE DRILLING, INC.