

OPERATOR: Dupont Oil Company
CONTRACTOR: Abercrombie Drilling, Inc.
WELL NAME: Nicholson #1
LOCATION: NE NE NW, Section 15-9-24W
Graham County, Kansas
SPUD DATE: January 2, 1979
COMPLETION DATE: January 10, 1979.

0	109	Sand and shale
109	276	Surface soil, sand & shale
276	1372	Sand and shale
1372	2155	Shale and sand
2155	2192	Anhydrite
2192	2813	Shale
2813	3000	Lime and shale
3000	3211	Shale and lime
3211	3885	Lime and shale
3885	3961	Lime
3961	3985	Lime and shale
3985	4023	Lime
4023	4050	Lime and shale
	4050	Rotary Total Depth

Spud hole at 8:30 p.m., January 2, 1979. Drilled 276' of 12 $\frac{1}{4}$ " hole. Ran 6 joints of 8-5/8" - 28# casing. Set at 274' K.B. with 200 sacks of common cement, 3% Ca.Cl., 2% gel. Plug was down at 4:30 a.m., January 3, 1979.

T.D. 4050'. Set 1st plug at 1000' with 70 sacks, 2nd plug at 240' with 20 sacks, 3rd plug at 40' solid bridge with 10 sacks, rathole with 5 sacks. Cement by Sun Cement. Plug was down at 2:30 p.m., January 10, 1979.

SAMPLE TOPS:

Anhydrite 2155'
B/Anhhdrite 2192'

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 Nicholson #1, NE NE NW, Section 15-9-24W, Graham County, Kansas.

ABERCROMBIE DRILLING, INC.