

CONTRACTOR'S WELL LOG

OPERATOR: Tomlinson Oil Company
CONTRACTOR: Abercrombie Drilling, Inc.
WELL NAME: Nickelson #1
LOCATION: C E/2 SW SE, Section 15-9S-24W
Graham County, Kansas
SPUD DATE: January 07, 1980
COMPLETION DATE: January 14, 1980

0	75	Surface clay and shale
75	312	Shale and sand
312	1274	Shale
1274	1622	Shale and sand
1622	1688	Shale
1688	1840	Sand
1840	2133	Shale
2133	2170	Anhydrite
2170	2565	Shale
3565	3240	Shale and lime
3240	3640	Lime
3640	3830	Shale and lime
3830	4055	Lime
	4055	Rotary Total Depth

Spud hole at 10:00 p.m., January 07, 1980. Drilled 312' of 12 $\frac{1}{2}$ " hole. Ran 7 joints of 8-5/8" - 24# casing. (Talley 314.13'). Set at 319' K.B. with 225 sacks of common cement, 3% Ca.Cl., 2% gel. Cement did circulate. Plug was down at 8:00 a.m., January 08, 1980.

T.D. 4055'. Set 1st plug at 1000' with 70 sacks, 2nd plug at 300' with 20 sacks, 3rd plug at 40' solid bridge with 10 sacks, rathole with 5 sacks. Cemented with 50/50 posmix, 6% gel. Plug was down at 3:30 p.m., January 14, 1980.

SAMPLE TOPS:

Anhydrite 2133'
B/Anhydrite 2170'

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 Nickelson #1, C E/2 SW SE, Section 15-9S-24W, Graham County, Kansas.