

CONTRACTOR'S WELL LOG

15-005-21102

OPERATOR:	Dupont Oil Company
CONTRACTOR:	Abercrombie Drilling, Inc.
WELL NAME:	Goddard #1
LOCATION:	NW SE NW, Section 23-9S-23W Graham County, Kansas
SPUD DATE:	December 21, 1978
COMPLETION DATE:	January 2, 1979

0	220	Surface sand & shale
220	1984	Sand & shale
1984	2021	Anhydrite
2021	2122	Sand & shale
2122	2680	Shale
2680	3726	Lime & shale
3726	3805	Lime
3805	3940	Lime & shale
	3940	Rotary Total Depth

Spud hole at 2:30 p.m., December 21, 1978. Ran 5 joints of 8 5/8" surface. Drilled 220' of 12 1/4" hole. Set at 218' K.B. with 165 sacks of common cement 3% Ca.Cl., 2% gel. Cement did circulate. Plug was down at 6:45 p.m., December 21, 1978.

T.D. 3940'. Ran 123 joints of 4 1/2" - 9 1/2# casing. Set at 3938' K.B. Cemented with 50 sacks of 50/50 posmix, 2% gel., 12 1/2# gilsinite per sack followed with 100 sacks of common, 2% gel., salt saturated. Centralizers set at 3910', 3880', and 3820' - 100'. Scratchers set at 3800' - 3900'. Job was complete at 2:30 a.m., January 2, 1979.

SAMPLE TOPS:

Anhydrite	1984'
B/Anhydrite	2021'

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 Goddard #1, NW SE NW, Section 23-9S-23W, Graham County, Kansas.

ABERCROMBIE DRILLING, INC.

*[Handwritten signature]*