15-051-21332

21-13-20W

CONTRACTOR'S WELL LOG

OPERATOR:	KEDCO Management Corporation
CONTRACTOR:	Abercrombie Drilling, Inc.
WELL NAME:	SCHUMACHER #2
LOCATION:	SW/4 Section 21-13S-20W Ellis County, Kansas
SPUD DATE:	June 29, 1977
COMPLETION DATE:	July 8, 1977.

0	175	Surface clay
175	225	Sand
225	247	Blue shale
247	1037	Shale & sand
1037	1263	Sand
1263	1560	Shale
1560	1604	Anhydrite
1604	2564	Shale
2564	3122	Shale & lime
3122	3800	Lime
3800	3876	Lime & chert
	3876	Rotary Total Depth

Spud hole at 10:30 a.m., June 29, 1977. Drilled 247' of 12¼" hole, ran 6 joints of 8-5/8" surface casing. Set at 246' K.B. Cemented with 200 sacks cement, 2% CaCl, 2% gel. Cement did circulate. Plug was down at 3:05 p.m., June 29, 1977.

T.D. 3876'. Preparing to run longstring. Ran 109 joints of 4½", 10½# casing. Set at 3873' K.B. Cemented with 100 sacks of 60/40 Posmix, 18% salt, 3/4 of 1% CFR-2. Plug was down at 7:00 p.m., July 8, 1977.

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 Schumacher #2, SW/4 Section 21-13S-20W, Ellis County, Kansas.

ABERCROMBIE DRILLING, INC.

BY Jack L. Partridge

Jack L. Partridge
Assistant Secretary-Treasurer