

OPERATOR: Voyager Petroleum, Inc.
 CONTRACTOR: Abercrombie Drilling, Inc.
 WELL NAME: Pfeifer #1
 LOCATION: C NW NE Section 19-8S-26W
 Sheridan County, Kansas
 SPUD DATE: October 7, 1977
 COMPLETION DATE: October 16, 1977

0	310	Surface soil, sand & shale
310	650	Shale
650	2104	Shale & sand
2104	2139	Anhydrite
2139	2475	Shale
2475	2647	Lime & shale
2647	2849	Shale
2849	3155	Lime & shale
3155	3435	Shale & lime
3435	3632	Lime & shale
3632	3702	Shale & lime
3702	3828	Shale & lime
3828	3923	Lime & shale
3923	4021	Shale & lime
4021	4250	Lime
	4250	Rotary Total Depth

Spud hole at 4:45 p.m., October 7, 1977. Drilled 310' of 12¼" hole. Ran 295.50' of 8-5/8" - 28# surface casing. Set at 303.50' with 250 sacks of common cement, 2% gel, 3% CaCl. Plug was down at 12:00 midnight.

T. D. 4250'. Set 1st plug at 1000' with 70 sacks, 2nd plug at 240' with 20 sacks, 40' solid bridge with 10 sacks. Cemented with 50/50 posmix, 6% gel. Plug was down at 12:30 p.m., October 16, 1977.

SAMPLE TOPS:

Anhydrite 2105'
 B/Anhydrite 2139'

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 Pfeifer #1, C NW NE Section 19-8S-26W, Sheridan County, Kansas.

ABERCROMBIE DRILLING, INC.