

CONTRACTOR'S WELL LOG

15-005-21345

OPERATOR:	Petro-Pak Corporation
CONTRACTOR:	Abercrombie Drilling, Inc.
WELL NAME:	FARRELL #1
LOCATION:	NE NW NE, Section 29-9S-22W Graham County, Kansas
SPUD DATE:	5/30/81
COMPLETION DATE:	6/07/81

0	1468	Sand & Shale
1468	1686	Sand
1686	1871	Shale & Sand
1871	1950	Shale
1950	1989	Anhydrite
1989	3545	Shale
3545	3770	Shale & Lime
3770	3910	Lime
	3910	Rotary Total Depth

Spud hole @ 4:30 p.m., 5/30/81. Drilled 291' of a 12 1/4" hole. Ran 7 joints of 8 5/8" - 20# casing (tally 281.34) Set @ 287' K.B. Cemented with 180 sacks of common 2% gel, 3% c.c. Cement did circulate. Cement by Allied. Plug down @ 1:45 a.m., 5/31/81.

RTD @ 3910'. Ran 102 joints of new 4 1/2" - 9.4# casing (tally 3923.29) Set @ 3909' with insert at 3870.52'. Cemented with 125 sacks of common 10% salt. Plug down @ 11:00 a.m., 6/07/81. Cement by Allied Cement.

SAMPLE TOPS:

Anhydrite 1950'
 Anhydrite 1989'

STATE OF KANSAS)
) SS
 COUNTY OF SEDGWICK)

Jack L. Partridge, Vice President of Abercrombie Drilling, Inc., does hereby state that the above and foregoing is a true and correct copy of the log of the FARRELL #1, NE NW NE, Section 29-9S-22W, Graham County, Kansas.

ABERCROMBIE DRILLING, INC.

BY: *Jack L. Partridge*