

CONTRACTOR'S WELL LOG

OPERATOR: Bill J. Porter & Assoc. Oil & Gas
 CONTRACTOR: Abercrombie Drilling, Inc.
 WELL NAME: TIDBALL #1
 LOCATION: SW NE NW Section 12-11S-25W
 Trego County, Kansas
 SPUD DATE: March 18, 1976
 COMPLETION DATE: March 28, 1976

0	210	Clay, Sand & Shale
210	390	Sand & Shale
390	1165	Shale
1165	1978	Sand & Shale
1978	2019	Anhydrite
2019	2130	Shale & Sand
2130	3190	Shale
3190	3685	Shale & Lime
3685	3752	Lime
	3752	Rotary Total Depth

Spudded in @11:30 a.m. March 18, 1976. Cut 210' of 12 1/4" hole. Ran 5 jts. 8 5/8" casing. Tallied 199.52'. Set @ 207.52'. Cemented with 160 Quick-Set cement, cement by Allied. Cement circulated. Plug was down @ 2:30 p.m. March 18, 1976.

Set 135 jts. of 4 1/2" casing. 3965' Tally - Set pipe 1' off bottom, plug was down @ 4:30 a.m. March 28, 1976.

SAMPLE TOPS:

Anhydrite 1979'
 B/Anhydrite 2014'

STATE OF KANSAS)
) SS
 COUNTY OF SEDGWICK)

Jerry A. Langrehr, Executive 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 TIDBALL #1, SW NE NW Section 12-11S-25W Trego County, Kansas.

ABERCROMBIE DRILLING, INC.

By: Jerry A. Langrehr
 Jerry A. Langrehr-Exec. V.P.

Subscribed and sworn to before me, a Notary Public, in and for the aforesaid county and state as of this 2nd day of April, 1976.

Diane Steincamp
 Diane Steincamp - Notary Public