

## WICHITA BRANCH

OPERATOR: Kansas Oil Corporation  
CONTRACTOR: Abercrombie Drilling, Inc.  
WELL NAME: Landwher #1  
LOCATION: NW NW Section 7-33S-10W  
Barber County, Kansas  
SPUD DATE: March 30, 1978  
COMPLETION DATE: April 15, 1978

0	260	Sand, shale & red beds
260	1309	Red bed shells, shale
1309	1650	Shale
1650	2588	Shale & lime
2588	4402	Lime & shale
4402	4435	Shale & lime
4435	4630	Lime & shale
4630	4670	Lime
4670	4695	Shale & lime
	4695	Rotary Total Depth

Spud hole at 5:00 p.m., March 30, 1978. Drilled 260' of 12 $\frac{1}{4}$ " hole. Ran 6 joints of 8-5/8" surface casing. Set at 260' K.B. with 210 sacks common cement, 10% gel, 3% CaCl. Plug was down at 11:30 p.m., March 30, 1978. Cement did circulate.

T.D. 4695'. Ran 121 joints of 4 $\frac{1}{2}$ " - 10 $\frac{1}{2}$ " 8 rd. casing. Set at 4694', 1' off bottom, with 25 barrels salt flush, followed with 125 sacks 60/40 posmix. Plug was down at 1:00 p.m., April 15, 1978.

STATE OF KANSAS )  
COUNTY OF SEDGWICK ) ss

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 Landwher #1, NW NW Section 7-33S-10W, Barber County, Kansas.

ABERCROMBIE DRILLING, INC.

By Jack L. Partridge  
Jack L. Partridge,  
Assistant Secretary-Treasurer

Subscribed and sworn to before me, a Notary Public, in and for the aforesaid county and state as of this 18th day of April, 1978.