

CONTRACTOR'S WELL LOG

15-135-21497

29-19-21W

OPERATOR: Kansas Oil Corporation  
 CONTRACTOR: Abercrombie Drilling, Inc.  
 WELL NAME: Ed Rein #1  
 LOCATION: 100' West of SW NE Section 29-19S-21W  
 Ness County, Kansas  
 SPUD DATE: August 9, 1978  
 COMPLETION DATE: August 19, 1978

0	1325	Sand & shale
1325	1530	Shale
1530	1553	Anhydrite
1553	3999	Shale
3999	4084	Lime
4084	4443	Shale & lime
4443	4450	Shale
4450	4461	Shale & lime
	4461	Rotary Total Depth

Spud hole at 6:30 p.m., August 9, 1978. Drilled 520' of 12 1/4" hole. Ran 12 joints of 8-5/8" - 28# surface casing. Set at 517' K.B. with 325 sacks common cement, 2% gel, 3% CaCl. Cement did circulate.

T.D. 4461. Set first plug at 550' with 50 sacks, second plug at 240' with 25 sacks, third plug - solid bridge at 40' with 10 sacks. Cemented with 50-50 posmix, 2% gel. State Plugger - Leo Massey.

SAMPLE TOPS:

Anhydrite 1520'  
 B/Anhydrite 1533'

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 Ed Rein #1, 100' West of SW NE Section 29-19S-21W, Ness County, Kansas.

ABERCROMBIE DRILLING, INC.

BY Jack L. Partridge  
 Jack L. Partridge,