

CONTRACTOR'S WELL LOG

OPERATOR: Petro-Pak Corporation  
 CONTRACTOR: Abercrombie Drilling, Inc.  
 WELL NAME: ANGEL #1  
 LOCATION: SW NE NE, Section 4-11S-15W  
 Russell County, Kansas  
 SPUD DATE: 6/12/81  
 COMPLETION DATE: 6/25/81

0	920	Sand & Shale
920	1350	Anhydrite
1350	2855	Shale
2855	3066	Shale & Lime
3066	3160	Shale
3160	3336	Lime & Shale
3336	3389	Lime
3389	3433	Shale & Lime
3433	3811	Lime
3811	3900	Granite Wash & Lime
	3900	Rotary Total Depth

Spud hole @ 6:00 p.m., 6/12/81. Drilled 370' of a 12 $\frac{1}{4}$ " hole. Ran 8 joints of 8 5/8" 20# casing, set @ 367.13'. Cemented with 245 sx. of common 3% c.c., Gel. Cement did circulate. Plug was down @ 2:00 a.m., 6/12/81.

T.D. 3900'. Ran 84 joints of new 4 $\frac{1}{2}$ " 13 $\frac{1}{2}$ # pipe set @ 3429.68' with 250 sacks of common 10% salt. Plug was down @ 6:00 p.m., 6/25/81.

SAMPLE TOPS:

Anhydrite 920' - 958'

STATE OF KANSAS

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 ANGEL #1, SW NE NE, Section 4-11S-15W, Russell County, Kansas.

ABERCROMBIE DRILLING, INC.

RECEIVED  
 STATE CORPORATION COMMISSION  
 JUL - 1 1981  
 CONSERVATION DIVISION  
 Wichita, Kansas