

P1

13-5-31W

State Geological Survey
WICHITA, BRANCH

CONTRACTOR'S WELL LOG

OPERATOR: West Kansas Oil Corporation
 CONTRACTOR: Abercrombie Drilling, Inc.
 WELL NAME: SPRINGER "A" #2
 LOCATION: 200' E of NW SE, Section 13-5S-31W
 Rawlins County, Kansas
 SPUD DATE: 2/07/81
 COMPLETION DATE: 2/17/81

0	287	Surface Sand & Shale
287	1515	Sand & Shale
1515	2385	Shale
2385	2650	Sand & Shale
2650	2686	Anhydrite
2686	3538	Shale
3538	3800	Lime & Shale
3800	4028	Lime
4028	4200	Lime & Shale
	4200	Rotary Total Depth

Spud hole @ 2:00 p.m., 2/07/81. Drilled 240' of a 17 $\frac{1}{4}$ " hole. Came out of the hole and reamed to bottom, preparing to run surface casing. Ran 6 jts. of 13-3/4" - 48# casing (tally 245.72) Set @ 240'. Cemented with 375 sx. of common 3% c.c., 2% gel. Plug was down @ 1:00 p.m. Cement did not circulate. Ran 1" pipe to 50'. Cemented with 75 sx. of common 3% c.c., 2% gel. Cement did circulate. Drilled the plug @ 9:30 p.m., 2/08/81.

@ 4200'. Ran 101 jts. of 4 $\frac{1}{2}$ " - 10 $\frac{1}{2}$ # casing (tally 4192.10) Set @ 4192'. Started to cement longstring. Cement truck broke down. Waiting on cement. Will run 25 bbls. of Chemical Flush, followed with 50 sx. of 50-50 posmix, 2% gel, 7 $\frac{1}{2}$ # gilsinite per sack, followed with 250 sx. of common salt saturated with Friction Reducer. Waiting on cement. Plug was down @ 10:30 a.m., 2/17/81.

SAMPLE TOPS:

Anhydrite 2648'
 B/Anhydrite 2686'

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 SPRINGER "A" #2 200' E of NW SE, Section 13-5S-31W, Rawlins County, Kansas.

ABERCROMBIE DRILLING, INC.