

State Geological Survey
WICHITA, BRANCH

CONTRACTOR'S WELL LOG

OPERATOR:	West Kansas Oil Corporation
CONTRACTOR:	Abercrombie Drilling, Inc.
WELL NAME:	BRYAN #3
LOCATION:	SE NE, Section 13-5S-31W Rawlins County, Kansas
SPUD DATE:	1/28/81
COMPLETION DATE:	2/05/81

0	170	Sand & Clay
170	240	Shale
240	2645	Shale & Sand
2645	2680	Anhydrite
2680	3456	Shale & Sand
3456	4036	Lime & Shale
4036	4039	Lime
4039	4200	Lime & Shale
	4200	Rotary Total Depth

Drilled hole @ 6:30 p.m., 1/28/81. Drilled 240' of a 17 1/4" hole. Ran casing in hole, casing wouldn't go to bottom, pulled casing out of the hole; went back in the hole and reaming to bottom. Reamed to bottom, came out, tried to run pipe in hole. Pipe wouldn't go, came out of the hole & reamed to bottom. Ran 6 jts. of 13 5/8" - 48# casing (tally 241.37) Set @ 233'. Cemented with 200 sx. of 60-40 posmix, 3% c.c., 2% ge. Plug was down @ 7:00 p.m., 1/28/81. Cement did not circulate. Ran 1" pipe to 100'. Cemented with 175 sx. of 60-40 posmix, 3% c.c., 2% gel. Plug was down @ 1:30 a.m., 1/29/81.

T.D. @ 4200'. Ran 105 jts. of 4 1/2" - 10 1/2# casing (tally 4214') Set @ 4198'. Cemented with 250 sx. of blended cement consisting of 25 bbls of chemical flush, 50 sx. of 50-50 posmix, 2% gel, 7.5% gilsinite per sack; Followed with 200 sx. of common, salt saturated with Friction Reducer. Plug was down @ 1:00 a.m., 2/05/81.

SAMPLE TOPS:

Anhydrite 2645'
B/Anhydrite 2680'

STATE OF KANSAS)
) SS
COUNTY OF SEDGWICK)

Mark L. Partridge, Asst. 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 BRYAN #3, SE NE, Section 13-5S-31W, Rawlins County, Kansas.