

15-109-20060

State Geological Survey
WICHITA, BRANCH

CONTRACTOR'S WELL LOG

23-11-33W
15-109-20,060

OPERATOR:
CONTRACTOR:
WELL NAME:
LOCATION:

SPUD DATE:
COMPLETION DATE:

Patton Oil Company
Abercrombie Drilling, Inc.
BERTRAND #2
150' NW of C NW NW Sec. 23-11S-33W
Logan County, Kansas
February 1, 1976
February 12, 1976

0	150	Clay & Sand
150	258	Sand & Shale
258	1810	Shale & Sand
1810	2616	Shale
2616	2690	Anhydrite
2690	2875	Shale
2875	3008	Shale & Sand
3008	3183	Shale & Lime
3183	3386	Shale
3386	3860	Shale & Lime
3860	4105	Lime & Shale
4105	4126	Shale & Lime
4126	4290	Lime & Shale
4290	4685	Lime
	4685	Rotary Total Depth

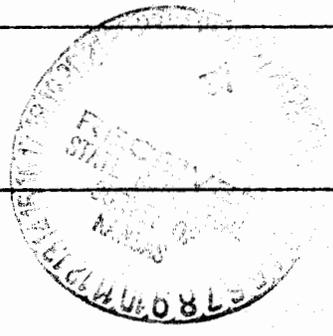
Drilled 258' of 12 1/2" hole. Ran 7 jts. of 8 5/8" surface, tallied 249', Set @ 257' cemented with 175 sx. Allied-Quick Set cement. Plug was down @ 2:15 a.m. February 1, 1976.

Ran 116 jts. of 5 1/2" casing. Tallied 4658', Set @ 4673'. Cemented with 125 sx. Common Cement, Salt saturated Plug was down @ 6:30 p.m. February 11, 1976.

Sample Tops:

Anhydrite 2618'

STATE OF KANSAS)
) SS
COUNTY OF SEDGWICK)



Charles Johnson, Geologist of Abercrombie Drilling, Inc., does hereby state that the above and foregoing is a true and correct copy of the log of the BERTRAND #2, 150' NW of C NW NW Section 23-11S-33W, Logan County, Kansas.

ABERCROMBIE DRILLING, INC.

By: Charles Johnson
Charles Johnson, Geologist