

State Geological Survey
WICHITA BRANCH

BIG SPRINGS DRILLING, INC.

SUITE 29 • 400 NORTH WOODLAWN • (316) 681-1732

15-195-20433
12-11-25W

P.O. BOX 8287
MUNGER STATION
WICHITA, KANSAS 67208

October 13, 1977

DRILLERS LOG

Associates Oil & Gas, Inc.
Tidball # 9
150' West of SW SW NW
12-11s-25w
Trego County, Kansas

OPERATOR: Associates Oil & Gas, Inc.
CONTRACTOR: Big Springs Drilling, Inc.
COMMENCED: 10-1-77
COMPLETED: 10-9-77

Surface Pipe 8 5/8" 205' 150sx 3% gel 2% ccl

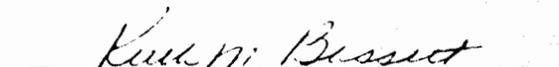
0	205	Sand and Shale
205	1978	Sand and Shale
1978	2019	Lime
2019	3628	Shale and Lime
3628	3793	Lime
3793	3860	Lime
3860	3900	Lime
3900	3965	Lime and Shale
3965	3968	Lime and Shale
3968		RTD

We certify that the above and foregoing is a true and correct copy of the log on the Tidball # 9 located in Trego County, Kansas.

BIG SPRINGS DRILLING, INC.


Paul A. Seymour, Jr.

Subscribed and sworn to before me this 13th day of October, 1977.


Ruth M. Bassett Notary Public

My commission Expires:
May 30, 1979