

BIG SPRINGS DRILLING, INC.

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

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

April 1, 1980

DRILLERS LOG

Re: Swenson No. 1
C NW SE
Sec. 33-Twp 15s-Rq 3W
Saline County, Kansas

OPERATOR: Patton Oil Company
CONTRACTOR: Big Springs Drilling, Inc.
COMMENCED: 3-21-80
COMPLETED: 3-28-80

Surface Pipe: 335' w/145 sx Common 2% gel 3% ccl

0	335	Sand, Clay, Shale
335	450	Chalk, Shale, Lime
450	1930	Shale and Lime
1930	3330	Lime
3330		RTD

RECEIVED
APR 1 1980
WICHITA, KANSAS

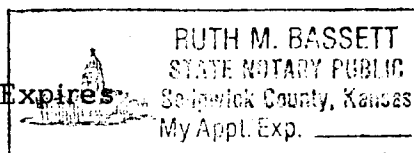
We certify that the above and foregoing is a true and correct copy of the log on the # 1 Swenson located in Saline County, Kansas.

BIG SPRINGS DRILLING, INC.


Paul A. Seymour, Jr.

Subscribed and sworn to before me this 1st day of April, 1980.

My Commission Expires



May 30, 1983


Ruth M. Bassett Notary Public