

BIG SPRINGS DRILLING, INC.

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

15-065-21130
12-10-25W

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

July 17, 1979

DRILLERS LOG

Re: Herman No. 1
SE NW SW
Sec. 12 - Twp 10s - Rq 25W
Graham County, Kansas

OPERATOR: Arrowhead Petroleum, Inc.
CONTRACTOR: Big Springs Drilling, Inc.
COMMENCED: 7-5-79
COMPLETED: 7-13-79

Surface Pipe: 213' of 8 5/8" w/165 sx 2% gel 3% ccl

0	213'	Shale and Sand
213'	2080'	Shale, Redbeds, Sand
2080'	3255'	Shale
3255'	3580'	Shale and Lime
3580'	3985'	Lime
3985'		RTD

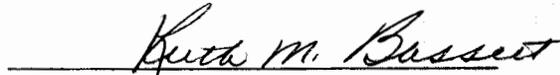
RECEIVED
STATE GEOLOGICAL SURVEY
JUL 24 1979
CONSERVATION DIVISION
Wichita, Kansas

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

BIG SPRINGS DRILLING, INC.


Paul A. Seymour, Jr.

Subscribed and sworn to before me this 17th day of July, 1979.


Ruth M. Bassett Notary Public

My Commission Expires:

May 30, 1983