8-16-1W

Blackstone Drilling, Inc.

Box 1184 • 523 West Kansas • Phone (316) 241-1250
McPHERSON, KANSAS 67460

December 17, 1981

COMPANY:	HESS OIL COMPANY
CONTRACTOR:	BLACKSTONE DRILLING, INC.
FARM:	BICKEL B #1
LOCATION:	C W/2 NW SE Section 8-16-1W, Saline County, Kansas
COMMENCED:	December 11, 1981
COMPLETED:	December 16, 1981
ELEVATION:	1331 K. B.

0	to	180	Shale & Lime
180	to	825	Lime & Shale
825	to	1330	Shale & Lime
1330	to	1750	Lime & Shale
1750	to	1970	Shale & Lime
1970	to	2135	Lime
2135	to	2585	Lime & Shale
2585	to	2676	Shale & Lime
2676	to	2725	Mississippi
		2725	T. D.

Cut 12¼" hole to 174' and run 176' of 8 5/8" surface pipe, cemented with 110 sacks of cement at 174'. Plug down at 12:30 P. M., December 11, 1981. Run 2730.75' of 5½" casing, cemented with 75 sacks of cement at 2724'. Plug down at 9:00 P. M., December 16, 1981.

State Geological Survey
WICHITA BRANCH

TOPS:

Measurements taken from K. B.

CERTIFICATE

I, P. E. Plouffe, President of Blackstone Drilling, Inc. do hereby certify that the above and foregoing is a true and correct copy of log on your Bickel B#1, located C W/2 NW SE Section 8-16-1W, Saline County, Kansas as located by the files of Blackstone Drilling, Inc.

P. E. Plouffe

P. E. Plouffe, President

Subscribed and sworn to before me a Notary Public in and for McPherson County, Kansas