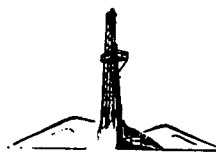


33-16-3W.



Blackstone Drilling, Inc.

Box 1184 • 523 West Kansas • Phone (316) 241-1250

McPHERSON, KANSAS 67460

July 13, 1987

COMPANY: EXCALIBUR PRODUCTION CO., INC.

CONTRACTOR: BLACKSTONE DRILLING, INC.

FARM: EBLING #1

LOCATION: 1980' FSL & 660' FEL
C NE SE Section 33-16-3W,
Saline County, Kansas

COMMENCED: *KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH* July 3, 1987

COMPLETED: *SEP 29 1987* July 12, 1987

ELEVATION:

0	to	15	Clay
15	to	70	Sand
70	to	635	Shale
635	to	955	Shale & Lime
955	to	1155	Lime & Shale
1155	to	1600	Shale & Lime
1600	to	1805	Lime & Shale
1805	to	2065	Shale & Lime
2065	to	2590	Lime & Shale
2590	to	3106	Lime
3106	to	3150	Kinderhook
3150	to	3260	Shale
3260	to	3379	Shale & Lime
3379	to	3420	Lime
		3420	T. D.

Spud 15" hole & set 13" conductor pipe. Cut 12½" hole & 328' and run 330' of 8 5/8" casing, cemented with 300 sacks of cement. Plug down at 12:45 P. M., July 6, 1987. Run 3423' of 5½" casing, cemented with 175 sacks of cement at 3419'. Plug down at 12:30 A. M., July 12, 1987.

TOPS: KINDERHOOK - 3106'

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 Ebling, located 1980' FSL & 660' FEL C NE SE Section 33-16-3W, Saline County, Kansas.