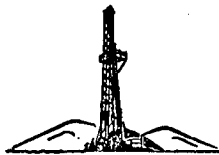


OCT 3 1970

22-16-4W
NW NE SE



Blackstone Drilling, Inc.

Box 455 • 523 West Kansas • Phone CH 1-1250

McPHERSON, KANSAS 67460

September 22, 1970

elv. 1402' KB

Dry/Simpson

COMPANY: MALLONEE-RAHONEY, INC.
 CONTRACTOR: BLACKSTONE DRILLING, INC.
 FARM: CHRISTOPHER #1 #1 Christopher
 LOCATION: NW NE SE Sec. 22-16S-4W,
 Saline County, Kansas
 COMMENCED: September 8, 1970
 COMPLETED: September 20, 1970
 ELEVATION: 1402 K. B.

0	to	270	Shale & Shells
270	to	285	Shale
285	to	480	Anhydrite & Salt
480	to	1040	Lime
1040	to	1755	Shale & Lime
1755	to	2190	Lime
2190	to	2383	Shale & Lime
2383	to	2770	Lime
2770	to	3040	Lime & Shale
3040	to	3283	Mississippi
3283	to	3375	Lime & Shale
3375	to	3525	Shale
3525	to	3530	Maquoketa Dolomite
3530	to	3535	Shale
3535	to	3670	Lime
3670	to	3681	Shale & Lime
3681	to	3710	Simpson Shale
3710	to	3716	Simpson Sand
3716	to	3720	Sand
		3720	T. D.



Cut 12 1/4 in. hole to 480 ft. and run 482 ft. of 8 5/8 in. surface pipe, cemented with 325 sacks at 480 ft. , plug down at 9:00 P. M., September 8, 1970. Cut 7 7/8 in. hole to 3720 ft. Hole dry and abandoned. Filled hole with mud to 300 ft. Set plug and put in 25 sacks cement. Filled hole to 40 ft. with mud. Set plug and put in 10 sacks cement. Plugging completed at 7:00 A. M. , September 20, 1970. Plugging completed by Gilbert Towan, State Plugger, Holyrood, Kansas.

TOPS: BROWN LINE - 2318' KANSAS CITY- 2383' MISSISSIPPI- 3040'
 MAQUOKETA DOLOMITE - 3525' SIMPSON SHALE - 3681' SIMPSON SAND - 3710'
 Measurements taken from K. B.

CERTIFICATE

I, H. J. Plouffe, President of Blackstone Drilling, Inc. do hereby certify that the above and foregoing is a true and correct copy of log on your Christopher #1, located on the NW NE SE, Sec. 22-16S-4W, Saline County, Kansas as reflected by the files of Blackstone Drilling, Inc.