DRILLER'S NOTE

It is important that a driller's notebook, filled out as completely as possible, be sent to the Iowa Geological Survey at the completion of each hole. A number of drillers have found it convenient to string samples from a single well on a heavy wire and attach the log book to them. A hole has been punched in the log book for this purpose.

Sample sacks and log books will be furnished by the Geological Survey. A copy of the log book will be made and returned if desired by the driller.

SUGGESTIONS TO DRILLERS

1. Samples should be taken from each bed passed through, and never more than 5 feet apart, even in the same bed.

2. Samples should not be washed, except to remove excess drilling mud, as washed samples may give a wrong idea of the character of the bed.

3. Fill out the label on each sample bag with the name of the well and the depth interval which the sample represents.

4. Make frequent use of the "Description" column to explain the material being drilled.

5. Note depth and thickness of all water-bearing layers.

6. Note the quality of the water from each layer: as hard, soft, salty, alkaline, or sulphur bearing.

7. Note height to which water from each layer rises in well, and give flow or capacity in gallons per minute.

8. Fossils, such as oyster, clam, and other shells, are important and should be placed in bags with the material with which they are found and carefully labeled as to the depth from which they were obtained.

9. If you do not understand what is wanted, or desire information on any point, write to the Iowa Geological Survey, Iowa City, Iowa.

10. Samples may be boxed and sent to IOWA GEOLOGICAL SURVEY, IOWA CITY, IOWA, EXPRESS COLLECT.

The Iowa Geological Survey desires to assist and cooperate with owners and drillers in every way possible, and will be glad to answer questions and assist in the solution of problems at any time.

A-7397

#29425

WELL RECORD

Well is located 1N (N/S) miles S and ____ (E/W) miles S from Hubbard (Nearest Town) in Hardin (County);

in the ____ ¼ ____ ¼ Sec. ____ T. ____ R. ____

Owner City Well No. ____

Postoffice address ____

Contractor Bill Barr

Address ____

Driller ____

Well begun Aug, 1955;

completed Aug, 1955

Rig used—Cable, Rotary, Jet, or ____

Depth of well 505 (Feet)

Size of hole (note total amount of each size) 8 ¼

250 Gravel

Main water supply at 440 - 505 (Feet below surface)

Final water head ____ (Feet above or below surface)

Is well pumped? yes

Yield 220 (Gallons per minute)

Water level when pumping 220

Position of well upland (Upland, valley, side hill, etc.)