

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

#30024

WELL RECORD

Well is located 1 miles ^N_E and 1 miles ^N_E from Hampton in Hardin (Nearest Town) (County)

in the 1/4 Sec. 1 T. 1 R.

Owner Courtesy Club Well No. 2

Postoffice address Hampton Iowa

Contractor Bill Beamer

Address White City Iowa

Driller Bill Beamer

Well begun 4-6 1929

completed 4-13 1929

Rig used—Cable, Rotary, Jet, or Relay

Depth of well 35 was 40 (Feet)

Size of hole (note total amount of each size) 10"

Tap 0-27 lower

Main water supply at 28 to 35 (Feet below surface)

Final water head 12 (Feet above or below surface)

Is well pumped? yes

Yield 200 (Gallons per minute)

Water level when pumping 32

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

[illegible]

DESCRIPTION OF BEDS

KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC.

Black Dirt & Clay
Grey Clay
Sand & Clay mixed
Sand
Gravel