#28522

DRILLER'S NOTEBOOK

WELL RECORD

Driller Bill Beeman

Address RR 2
Webster City Iowa

Owner City of Livermore

Tenant

Address Livermore
Iowa

RETURN TO
IOWA GEOLOGICAL SURVEY
IOWA CITY, IOWA

WHEN RECORD IS COMPLETED PUT IN ENVELOPE AND MAIL TO

THE DIRECTOR

IOWA GEOLOGICAL SURVEY

IOWA CITY, IOWA 52240

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 52240.

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

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.

PD H-7669

#28522

WELL RECORD

By Water Tower

Well is located ____ N/S ____ E/W miles S and ____ N/S ____ E/W miles S from

____ (Nearest Town) in Humboldt (County),

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

Owner Town Well No. 4

Postoffice address ____

Contractor Bill Beem

Address Webster City Ia

Driller ____

Well begun July, 19 47;

completed July, 19 47

Rig used—Cable, Rotary, Jet, or Rotary

Depth of well 245 (Feet)

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

Main water supply at 140-245 (Feet below surface)

Final water head 60 (Feet above or below surface)

Is well pumped? Yes

Yield 150 (Gallons per minute)

Water level when pumping 78

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

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RECORD OF PERMANENT CASING

Size Pipe	Amount of Pipe	Depth to Bottom of Pipe	Depth to Top of Pipe	Type° and Weight of Pipe	DIAGRAM OF WELL
					8" 0-105
					7" 27-134
					134-245
					open

°As cast, wrought iron, steel, concrete, etc.

Is screen used?_____ Diameter_____ (Inches)

Length_____ (Feet) Depth to bottom_____

Depth to top_____ Slot size_____

Are packers or seals used?_____

Kind_____

Where used_____

Kind of pump Sylo Dia. 5¾ (Inches)

Capacity of pump 120 (g.p.m.)

Power used_____ (Kind and amount)

Depth to bottom of pump line 126 feet,

including_____ feet tailpiece.

Remarks on construction of well_____