

DRILLER'S NOTEBOOK

U-41

WELL RECORD

Driller THORPE WELL CO.

Address 2340 6TH AVE

DES MOINES, IOWA

~~XXXXXXXXXX~~

U-41

18713

Owner U. S. G. S.

Tenant _____

Address IOWA CITY IOWA

U-41

RETURN TO
IOWA GEOLOGICAL SURVEY
IOWA CITY, IOWA

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.

WELL RECORD

	N	N
	E	(E)
Well is located	3.5 miles S	and 0.5 miles S from
	W	W

----- A. F. IOWA ----- in ----- CLATSOP -----
 (Nearest Town) (County)

NE 1/4 SE 1/4 Sec. 5 T. 21. N. R. 29. W

Owner U. S. SURVEY Well No. 11-41

Postoffice address IOWA CITY IOWA

Contractor THORN WELLS CO.

Address 205 MOINE S. ST.

Driller DAVID EVANS

Well begun July 8, 1911;

completed 7/11, 1911.

Rig used--Cable, Rotary, Jet, or

Depth of well 247
 (Feet)

Size of hole (note total amount of each size)-----

6 1/4

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

Final water head -----
 (Feet above or below surface)

Is well pumped?-----

Yield -----
 (Gallons per minute)

Water level when pumping-----

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

SAMPLE NO.	DEPTH		THICKNESS
	From	To	
1117)(1:32)	25	80	
1124)(1:29)	80	85	
1130)(1:37)	85	90	
5 min.	90	95	
1124)(1:20)	95	100	
1129)(1:31)	100	105	
1:33)(1:36)	105	110	
1:34)(1:40)	110	115	
142)(1:45)	115	120	
4 min	120	125	
2:08)(2:11)	125	129	
(2:11)	129	130	
2:12)(2:15)	130	135	
2:16)(2:20)	135	140	
2:21)(2:26)	140	145	
2:00)(2:03)	145	150	
4 min.	150	155	

DESCRIPTION OF BEDS	
KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC.	
Some Blue	
Yellow - Brown Gray Bed	
lc	lc
lc	lc
(with blue clay)	
"	"
"	"
clay	
"	"
"	"
"	"
lc	lc
(more blue-gray in bed)	
lc	"
lc	lc
lc	"
Some yellowish	
Blue-gray sandy clay	
lc	"
lc	lc
lc	"
clay	
yellow - brown & blue-gray sandy	
"	"

