

DRILLER'S NOTEBOOK

# 17120

WELL RECORD

Driller *Wm. E. Winslow*  
Address *623 Lincoln Ct.  
Davenport Ia*

# 17120

Owner *Booth County Corn Board*  
Address *Booth County Courthouse*

# 17120

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

# 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.

PB-11733

## WELL RECORD

Well is located -----miles S and -----miles S from  
N  
E  
W

DAVE PJNT in SCOTT  
(Nearest Town) (County)

In the ----- $\frac{1}{4}$  Sec. ----- T ----- R -----

Owner ----- Well No. -----

Postoffice address -----

Contractor L. F. WINSLOW

Address Maysville, Iowa

Driller HARRY WINSLOW

Well begun -----, 19--

completed -----, 19--

Rig used—Cable, Rotary, Jet, or -----

Depth of well 305  
(Feet)

Size of hole (note total amount of each size) 140'

12" 114' - 50' 10" 10" 8 5' 6" 10"

Main water supply at 220 - 325  
(Feet below surface)

Final water head 90'  
(Feet above or below surface)

Is well pumped? 344 114'

Yield 21 2/3  
(Gallons per minute)

Water level when pumping 143 1/4'

Position of well 94 1/4' 114'

(Upland, valley, side hill, etc.)

SAMPLE NO.	DEPTH		THICKNESS	DESCRIPTION OF BEDS	
	From	To			
	0	10	10	Hard yellow Clay	
	10	20	10	" " "	
	20	30	10	" " "	
	30	40	10	" " "	
	40	50	10	" " " Blue Mud	
	50	60	10	Blue Mud & Sandy	
	60	70	10	Red Sandy Clay to extremely clay	
	70	80	10	yellow sandy clay	
	80	90	10	extremely sandy clay	
	90	100	10	at 700 feet	
	100	105	5	Lower Brown Rock	
	105	110	5	" " "	
	110	115	5	" Sand showing	
	115	120	5	" " "	
	120	125	5	Reddish brown with no black turn	
	125	130	5	12 to 8 inches at 125	
	130	135	5	Brown Broken Muddy Rock	
	135	140	5	" " "	





## IOWA GEOLOGICAL SURVEY

Iowa City, Iowa

## GEOLOGIC MASTER CARD

Well #2

Owner Scott Co. Conservation Board Long Grove, Ia. Date Well Completed: 1964  
 Or Name: \_\_\_\_\_ Name \_\_\_\_\_ Address \_\_\_\_\_  
 Driller: L.F. Winslow \_\_\_\_\_ Maysville, Iowa  
 Name \_\_\_\_\_ Address \_\_\_\_\_  
 Samples Analyzed by: Northrup \_\_\_\_\_ 9-30-65  
 Section Measured by: \_\_\_\_\_ Name \_\_\_\_\_ Date \_\_\_\_\_  
 (Cross Out One)

State 16 1 2	County 82 3 4	Latitude 5 6 7 8 9 10 11 N				Longitude 12 13 14 15 16 17 18				Seq. No. 1 19	L-L Acc. 20
Twp. 080 21 22 23	Local Number Rge. E/W Sec. 04E 19 24 25 26 27 28		Quarters 29 30 31 32	W-number 17120 33 34 35 36 37		Strat. Data 1 38	Altitude LSD 39 40 41 42		Altitude Acc. (Source) 43	Total Depth 305 44 45 46 47	

Surficial Lithology 48	First Bedrock Depth S S U 100 SNX 49 50 51 52 53 54			Bottom Hole Formation S S U SNX 55 56 57	Lith. 58	Basement Depth 59 60 61 62				V S AS 63 64		Economic Value and System V S V S V S V S 65 66 67 68 69 70 71 72	

Number of Aperature Cards 73	Type of Log Data G 74 75	Type of Exposure A 76	Number of Geologic- Unit Cards 3 78 79	Card Designation Number 1 80
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Coded by: J. A. Holst

Coded data checked by: J. C. Prior

Punched by: \_\_\_\_\_

Verified by: \_\_\_\_\_

Date: 9-23-69

Date: 9-23-69

Date: \_\_\_\_\_

Date: \_\_\_\_\_