

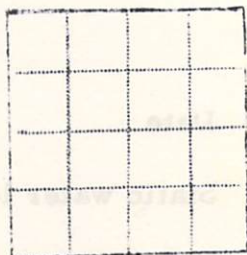
IOWA GEOLOGICAL SURVEY  
In Cooperation with U. S. Geological Survey  
RECORD OF WELL

W 10638

Location:

Town: DONAHUE (NE) (SW) County SCOTT

SW SW NE sec. 36 T. 80 N. R. 2 E. Twp



Well name and number \_\_\_\_\_

Owner DONAHUE TOWN WELL Address \_\_\_\_\_

Tenant \_\_\_\_\_ Address \_\_\_\_\_

Contractor L. F. WINSLOW Address WALCOTT, IOWA

Drillers \_\_\_\_\_

Drilling dates FEB. 16 - MARCH 3, 1959

Well data:

Altitudes: Drilling curb \_\_\_\_\_ feet; Land surface \_\_\_\_\_ feet

Determined by \_\_\_\_\_

Topographic position SIDE HILL

Total depth: Reported 407 feet; Measured \_\_\_\_\_ feet

Drilling method CABLE TOOLS

Hole and casing data 212' OF 12"  
216.5' OF 8" CASING + 3' TO 213'  
195' OF 7 7/8"

Original depth to water \_\_\_\_\_ above  
23 ft. below \_\_\_\_\_ Date \_\_\_\_\_

Source of data \_\_\_\_\_

Sources of water: Principal SILURIAN

Others \_\_\_\_\_

PRODUCTION DATA

Date \_\_\_\_\_  
 Static water level 23  
 Pumping water level 194  
 Yield (g. p. m.) 90  
 Measuring point \_\_\_\_\_  
 Duration of pumping \_\_\_\_\_  
 Specific capacity \_\_\_\_\_

LABORATORY DATA

Well No. W 10638 Sample range 0 - 405 No. of samples 72  
 No. of dupls. and cond. 72 Good Washed range 65 - 405  
 Samples prepared by Marshall-Valentine Date 5/22/59  
 Logged by NORTHUP Date 5/27/59  
 Correlations by " Date 6/27/59

### WELL RECORD

Well is located.....miles **N** and.....miles **N** from  
 town **Well** in **W** **W**  
*Donahue* in *Scott*  
 (Nearest Town) (County)

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

Owner *Donahue Iowa* Well No. *2*

Postoffice address *Donahue Iowa*

Contractor *J. F. Wenzlow*

Address *Walcott*

Driller *Ed Wenzlow*

Well begun *Feb. 16, 1959*, 19.....;  
 completed *March 3*, 19*59*.

Rig used—Cable, Rotary, Jet, or.....

Depth of well *407*  
 (Feet)

Size of hole (note total amount of each size).....  
*213' 12" 196' of 7 $\frac{3}{8}$ "*

Main water supply at *213 to 407*  
 (Feet below surface)

Final water head *23 feet*  
 (Feet above or below surface)

Is well pumped? *Submersible*

Yield *90*  
 (Gallons per minute)

Water level when pumping *194*

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

### 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
<i>8"</i>	<i>216.5</i>	<i>213</i>	<i>3 above</i>	<i>standard T+C,</i>	
<i>2 1/2"</i>	<i>of</i>	<i>12"</i>	<i>no</i>	<i>pipe 12"</i>	
<i>195'</i>	<i>of</i>	<i>7 3/8"</i>			
<i>122</i>	<i>feet</i>	<i>of</i>	<i>Cement</i>		

\*As cast, wrought iron, steel, concrete, etc.

Is screen used?..... Diameter.....  
 (Inches)

Length..... Depth to bottom.....  
 (Feet)

Depth to top..... Slot size.....

Are packers or seals used?.....

Kind .....

Where used.....

Kind of pump..... Dia.....  
 (Inches)

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

Power used.....  
 (Kind and amount)

Depth to bottom of pump line..... feet,  
 including ..... feet tailpiece.

Remarks on construction of well *we cemented in*  
*2 1/2 feet of 8 inch pipe in 12"*  
*hole*

Sample No.	DEPTH		THICKNESS
	From	To	
	160	212	no samples
33	212	215	
34	215	220	
35	220	225	
36	225	230	
37	230	235	
38	235	240	
39	240	245	
40	245	258	
41	250	255	
42	255	260	
43	260	265	
44	265	270	
45	270	275	
46	275	280	
47	280	285	
48	285	290	

DESCRIPTION OF BEDS	
KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC.	
	Yellow Brown Rock
	Hard white Rock
	Hard white - Rock

Sample  
No.

DEPTH

From

To

THICKNESS

DESCRIPTION OF BEDS

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

Sample No.	From	To	THICKNESS
49	290	295	
50	295	300	
51	300	305	
52	305	310	
53	310	315	
54	315	320	
55	320	325	
56	325	330	
57	330	335	
58	335	340	
59	340	345	
60	345	350	
61	350	355	
62	355	360	
63	360	365	
64	365	370	
65	370	375	

Hard white Rock

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Sample No.	DEPTH		THICKNESS
	From	To	
66	375	380	
67	380	385	
68	385	390	
69	390	395	
70	395	400	
71	400	405	
	405		

DESCRIPTION OF BEDS

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

Hard white Rock

Hard Light Brown Rock

Hard Blue Shale