

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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Town: Dedham { N E }
 { S W } : County Carroll
 E.
 sec. 16 T 82 N., R. 34 W. Twp.

Owner Town of Dedham Address

Contractor M^{rs} Catcheen Hall Address Des Moines

Drilling dates April 9-May 9, 1946

Determined by _____

Topographic position Side hill

Total depth: Reported 43' 6" feet, Measured _____ feet

Drilling method Cable

Hole and casing data 37' 0" 10" pipe, 7' 0" 10" screen. tan
35' 6" to 43' 6"

	above	
Original depth to water	ft. below	Date

Original elevation of water level ft.; Source of data

Sources of water: Principal *Acistocenes*; Others

Production data:

Date _____

Static depth to water 27Measuring point 100' +

Pumping level _____

at _____

g.p.m. _____

Specific capacity _____

g.p.m. per ft. drawdown; Temperature _____

°F. _____

Pump data: Type pump _____

Column Dia. _____

Length _____

Cylinder or bowls: Dia. _____

Length _____

Suction pipe _____

Power _____

Airline _____

Estimated rate of production: _____

g.p.m. for _____

hrs. a day _____

Use of water _____

WATER ANALYSES (in parts per million)

Date samples _____

Sampled by _____

Total solids _____

Insoluble matter _____

Alkalinity (Meo) _____

Alkalinity (Phn) _____

pH _____

 $\text{Fe}_2\text{O}_3 + \text{Mn}_2\text{O}_3 + \text{Al}_2\text{O}_3$ _____

Alkali as sodium _____

Calcium _____

Magnesium _____

Iron (unfiltered) _____

Manganese _____

Nitrate _____

Fluoride _____

Chloride _____

Sulfate _____

Bicarbonate _____

Hardness (ppm) _____

Hardness (gpg) _____

Remarks _____

Laboratory data:

Sample storage location _____

Sample range 8-43'No. spls. //No. dupls. & cond. // Cond.

Spls. prepared by _____

Washed range _____

by _____

Driller's log and cond. _____

Insoluble residues: Prepared by _____

Studied by _____

Strip log _____

Microscopic study EMRstrip log March 21, 1950

Gen. log _____

Correl. by _____

No. _____

Name of Well: Dedham Town Well

Town: Dedham

Location: _____ Sec. _____ T. _____ N., R. _____ W. _____ Twp.

Curb Elevation: _____ Ft. Present Depth _____ Ft. Final Depth 43' 6" Ft.

Static Level: (Depth to Water (Above) Curb) 27' Ft. Pumping Level April 19, 1940 Ft.

Contractor: McCutcheon Well Co., Des Moines Date Drilled: May 9, 1940

*Abbreviate descriptions; use one line for each formation.

Remarks on water zones and casing: 37' of 10" casing from 1'6" above surface to 35'4"; 7' of 10" screen from 35'6" to 43'6".

Yield: 102+ g.p.m.

Temperature: Air _____°F.; Water _____°F., at _____ (A.M.) _____ (P.M.) _____ 193

Record obtained from McCutcheon Well Co. Recorded by Orville Yaney

WELL RECORD

Well is located _____ miles ^N_E and _____ miles ^E_S from _____
^W ^W

Town of Dedham So
 (Post Office) (County)

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

Owner Town Well No. _____

Address Dedham

Contractor McCutcheon Well Co

Address 85 Morris St

Driller Orville Gandy

Well begun Apr 19, 1940

completed May 9, 1940

Rig used—Cable, Rotary, Jet, or Cable

Depth of well 43-6" Size of hole

(Feet)

(note total amount of each size) 10"

Main water supply at 27' to 43'

(Feet below surface)

Final water head 27'

(Feet above or below surface)

Is well pumped? Yes

Yield 102 # PM Plus

(Gallons per minute)

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
10	87'	87	11" above surface	4 quantity 40 lb old 38 lb pipe	

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

Is screen used yes Diameter 10"
 (Inches)

Length 7' Depth to bottom 43' 6"
 (Feet)

Depth to top 38' 6" Slot size 1/32" or 1/8"

Are packers or seals used? None

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 tallpiece

Remarks on construction of well _____

from original pump
 not installed
 @ this date
 May 10-40

Sample No.	DEPTH		THICKNESS
	From	To	
	0	7' 6"	
	7' 6"	8'	
1	8	11'	
2	11	12' 8"	1' 8"
3	12-8	13'	2-4'
4	13'	20	5'
5	20	25'	
6	25'	30	5'
7	30	34	4'
8	34	37	3'
9	37	40	3'
10	4' 0	43-6	3' 6"
11		43' 6"	

DESCRIPTION OF BEDS
KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC.
Basement floor
Basement floor
Yellow Clay
Yellow & Blue " Sandy
Yellow sand mixed with clay
Sand
Sand-Gray. dirty & dily.
" Coarser water
Coarse sand
Clay
Sand & gravel
Coarse sand
Blue clay Bottom