City of Milton
Milton, Iowa

w10282

Driller ---------- F. J. Schlicher
Drilled ---------- April, 1957
Depth ---------- 109½ feet.
Water supply at ---------- 103' to 109½'
Waterhead ---------- 51 feet.
Test ---------- 57 G.P.M. @ 95' for 36 hrs.
109' 4" of 12" Blk. pipe.
1 12" x 5' of Johnson Everdur screen.
Top 2' is 18 slot and bottom 3' is 30 slot.
35' of 16" hole and cemented from 35' to top.

0 - 1	----------	Soil
1 - 30	----------	Clay : Yellow
30 - 40	----------	Clay : Grey & Yellow
40 - 95	----------	Clay : Grey
95 - 96	----------	Clay & Sand : Grey
96 - 103	----------	Clay : Grey
103 - 109½	----------	Sand : Grey

068-11W-29-

IOWA GEOLOGICAL SURVEY #10282
In Cooperation with U. S. Geological Survey
RECORD OF WELL

Location:



Town: MILTON (NE) (SW); County VAN BUREN

sec. 19 or 30 T. 68 N., R. 11 (E.) (W.) Twp

Well name and number

Owner CITY OF MILTON Address MILTON, IOWA

Tenant Address

Contractor SCHLICHER WELL CO. Address DONNELLSON, IOWA

Drillers FRANK J. SCHLICHER

Drilling dates APRIL 11-25, 1957

Well data:
Altitudes: Drilling curb feet; Land surface feet

Determined by

Topographic position

Total depth: Reported 109 1/2' feet; Measured feet

Drilling method CABLE TOOLS

Hole and casing data 109' OF 12" HOLE

105' OF 12" CASING WITH 5' OF SCREEN

TOP 2' OF SCREEN IS 18 SLOTS

BOTTM 2' " " " 30 "

Original depth to water 51 ft. above below Date

Source of data

Sources of water: Principal 103'-109 1/2'

Others

PRODUCTION DATA

Date _____

Static water level 51

Pumping water level 94'-95'

Yield (g.p.m.) 57

Measuring point _____

Duration of pumping _____

Specific capacity _____

LABORATORY DATA

DB1-2

Well No. T10282 Sample range 0—109½ No. of samples 25

No. of dupls. and cond. 23 Fair Washed range none

Samples prepared by Thomas Date 7/17/58

Logged by NORTHUP Date 9/9/59

Correlations by _____ Date 9/9/59

WELL RECORD

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

Milton (Nearest Town) in ..... (County),

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

Owner City of Milton Well No. .....

Postoffice address Milton, Ia

Contractor Leibiches Wells

Address Donnellson, Ia

Driller Frank Liebliches

Well begun April 11, 19 57;

completed " 25, 19 57

Rig used—Cable, Rotary, Jet, or Cable

Depth of well 109'3 (Feet)

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

109'3" @ 12" 146

Main water supply at 103 - 109'2 (Feet below surface)

Final water head 5 Ft (Feet above or below surface)

Is well pumped? .....

Yield 57 D.P.M. (Gallons per minute)

Water level when pumping 94 Ft - 95 Ft

Position of well ..... (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
12"	109'4"	105'	4 Ft above Ground	45# Steel	

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

Is screen used? yes Diameter 12" (Inches)

Length 5" (Feet) Depth to bottom 110'

Depth to top 105' Slot size Top 2' is 18 Bottom 3' is 30

Are packers or seals used? yes

Kind Lead

Where used Top

Kind of pump Turbine Dia. 6" (Inches)

Capacity of pump 800 (g.p.m.)

Power used Gasoline (Kind and amount)

Depth to bottom of pump line 108 feet,

including ..... feet tailpiece.

Remarks on construction of well .....

Sample No.	DEPTH From	DEPTH To	THICKNESS	DESCRIPTION OF BEDS — KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC.
#1	0	1		Soil
2	1	5		Clay: yellow
3	5	10		" : "
4	10	15		" : "
5	15	20		" : "
6	20	25		" : "
7	25	30		" : "
8	30	35		Clay: Gray & yellow
9	35	40		" : " & "
10	40	45		Clay: Gray
11	45	50		" "
12	50	55		" "
13	55	60		" "
14	60	65		" "
15	65	70		" "
16	70	75		" "
17	75	80		" "

Sample No.	DEPTH From	DEPTH To	THICKNESS	DESCRIPTION OF BEDS — KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC.
#18	80	85		Clay: Gray
19	85	90		" "
20	90	95		" "
21	95	96		Clay & Sand: Gray
22	96	100		Clay: Gray
23	100	103		" : "
24	103	105		Sand: Gray
25	105	109½		" : "