

City of Farmington
Farmington, Iowa W 10281

Driller ----- F. J. Schlicher
 Drilled ----- March, 1957
 Depth ----- 51 feet.
 Water supply at ----- 31' to 40'
 Waterhead ----- 30½ feet.
 Test ----- 80 G.P.M. @ 45' for 36 hrs.

51' of 12" hole

5' of 12" Everdur Johnson Well Screen.

Top 2' is 30 slot and bottom 3" is 40 slot

Lead packer top and 10" pipe thread bottom with 10' 3" of 10" pipe on bottom.
 39' 6" of 12" Blk. pipe.

16" hole to 25' and cemented from 25' to top of ground.

0 - 1	-----	Soil
1 - 5	-----	Clay : Yellow & Grey
5 - 10	-----	Clay : Brown
10 - 15	-----	Clay : Brown & Sandy
15 - 20	-----	Dry Dirty Gravel
20 - 25	-----	Coarse Sand : Brown
25 - 39	-----	Sand : Brown
39 - 40	-----	Fine Gravel
40 - 41	-----	Limestone : Grey
41 - 43	-----	Limestone & Shale : Grey
43 - 44	-----	Shale : Bluish-Grey
44 - 50	-----	Limestone & Shale : Grey
50 - 51	-----	Limestone : Bluish-Grey

TEST HOLE # 3

City of Farmington

Farmington, Iowa

10281

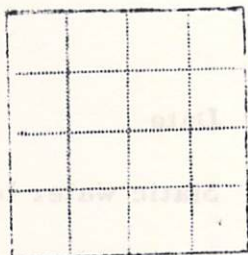
Straight accross railroad from
southeast corner of park.

0 - 1	Soil
1 - 5	Clay : Yellow Grey
5 - 10	Clay : Brown
10 - 15	Clay : Brown & Sandy
15 - 20	Dry dirty Gravel
20 - 39	Sand : Brown
39 - 40	Gravel : Fine
40 - 41	Limestone : Grey
41 - 43	Limestone & Shale : Grey
43 - 44	Shale : Bluish Grey
44 - 50	Limestone & Shale : Grey
50 - 60	Limestone : Bluish Grey

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

W10281

Location: NE PART OF TOWN
(NE)
Town: FARMINGTON (SW) County: VAN BUREN
sec. ³⁵₃₆ T. 68 N. R. 8 (W.) Twp



Well name and number _____

Owner CITY OF FARMINGTON Address FARMINGTON, IOWA

Tenant TEST #3 AND WELL Address _____

Contractor SCHLICHER WELL CO. Address DONNELSON, IOWA

Drillers FRANK J. SCHLICHER

Drilling dates MARCH 21-31, 1957

Well data:

Altitudes: Drilling curb _____ feet; Land surface _____ feet

Determined by _____

Topographic position _____

Total depth: Reported 60' feet; Measured _____ feet

Drilling method CABLE TOOLS

Hole and casing data 39' 6" OF 12" PIPE

10' 3" OF 10" PIPE WITH 5' OF SCREEN

AT BOTTOM - (TOP 2' IS 30 SLOT - BOTTOM 3' IS 40 SLOT)

Original depth to water 30 1/2' above _____ ft. below _____ Date _____

Source of data _____

Sources of water: Principal 31'-40'

Others _____

PRODUCTION DATA

Date _____

Static water level 30 1/2'

Pumping water level 45

Yield (g.p.m.) 80

Measuring point _____

Duration of pumping _____

Specific capacity _____

LABORATORY DATA

Well No. W10281 Sample range 0-60' No. of samples 16 DBI-2

No. of dupls. and cond. 16 fair Washed range 40'-60'

Samples prepared by Dunn Date 9/17/58

Logged by NORTHUP Date 9/18/59

Correlations by _____ Date _____

Test Hole #3 and Well

WELL RECORD

With East part of
 N N
 E E
 Well is located.....miles S and.....miles S from
 W W

Farmington in Van Buren
 (Nearest Town) (County)

in the 1/4 1/4 Sec. T. R.

City of Farmington Well No.

Postoffice address Farmington, Ia

Contractor Schlicher Well Co.

Address Hamellton, Iowa

Driller Frank J. Schlicher

Well begun March 21, 1957

completed March 31, 1957

Rig used—Cable, Rotary, Jet, or cable

Depth of well 51 ft
 (Feet)

Size of hole (note total amount of each size) pipe
 50' of 12" hole - 10' 3" of 10" pipe
 and 5' of 8" hole to bottom.

Main water supply at 31' - 40'
 (Feet below surface)

Final water head 30 1/2 ft
 (Feet above or below surface)

Is well pumped? yes

Yield 80 g.p.m.
 (Gallons per minute)

Water level when pumping 45 ft

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

RECORD OF PERMANENT CASING

Size of Pipe	Amount of Pipe	Depth to Bottom of Pipe	Depth to Top of Pipe	Type* and Weight of Pipe	DIAGRAM OF WELL

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

Is screen used? yes Diameter 12
 (Inches)
 Length 5 Depth to bottom 40' 6"
 (Feet) top 2' is 30 slot
 Depth to top 34' 6" Slot size Bottom 3' is 40"
 Are packers or seals used? yes
 Kind Lead
 Where used top
 Kind of pump Turbine Dia. 6"
 (Inches)
 Capacity of pump
 (g.p.m.)
 Power used Gasoline
 (Kind and amount)
 Depth to bottom of pump line 45' feet,
 includingfeet tailpiece.
 Remarks on construction of well

Sample No.	DEPTH		THICKNESS
	From	To	
1	0	1	
2	1	5	
3	5	10	
4	10	15	
5	15	20	
6	20	25	
7	25	30	
8	30	35	
9	35	39	
10	39	40	
11	40	41	
12	41	43	
13	43	44	
14	44	50	
15	50	55	
16	55	60	

DESCRIPTION OF BEDS	
KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC.	
	soil
	clay yellow grey
	clay Brown
	clay Brown, sandy
	dry dirty gravel
	sand coarse Brown
	" Brown
	" "
	" "
	Gravel fine
	Limestone; grey
	Limestone & shale; buff
	shale; Bluish-grey
	Limestone & shale buff
	Limestone; Bluish-grey
	" " "