

# WELL RECORD.

Well is located \_\_\_\_\_ miles in a \_\_\_\_\_ direction  
 from Fenton, \_\_\_\_\_ in Iowa, \_\_\_\_\_, in the  
(Post office.) (State.)

\_\_\_\_\_  $\frac{1}{4}$  \_\_\_\_\_  $\frac{1}{4}$  sec. \_\_\_\_\_ T. \_\_\_\_\_ R.

Owner, City of Fenton, Iowa.

Address, \_\_\_\_\_

Contractor, Thorpe Bros. Well Co.

Address, 2340 - 6th Ave. Des Moines, Iowa.

Well begun Nov. 4, \_\_\_\_\_, 1936 ; completed JAN 20, 1937

Rig used—cable, ~~rotary,~~ ~~jet,~~ or Cable tool—

Maker, Thorpe Well Co.

Diameter of well at mouth, ~~12"~~ 10" at bottom, 10"  
(Inches.) (Inches.)

Depth of well 229' ; Length and size of casing, 221'  
(Feet.)

of 10" - 45 lb per ft.

Water at 36' (about 5 to 8 g.p.m.)  
(Depths in feet.) ft.

Main supply at 225' to 227½' ft.

Water head 160½' ft.

Is well pumped? yes ; Yield, 700  
(Gallons per minute.)

Recorded by Harold B. Blijah

Address, Wood River, Mo.

Sample No.	DEPTH		THICKNESS	DESCRIPTION OF BEDS
	From	To		KIND OF ROCK, COLOR, HARD OR SOFT WATER, ETC.
1.	top to	3½ ft.	3½ ft.	Black top soil.
2.	3½ ft.	5 ft.	1½ ft.	Brown clay
3.	5 ft.	10 ft.	5 ft.	Brown clay
4.	10 ft.	15 ft.	5 ft.	Brown clay
5.	15 ft.	20 ft.	5 ft.	Brown clay.
6.	20 ft.	25 ft.	5 ft.	Brown clay.
7.	25 ft.	29 ft.	4 ft.	Brown clay
8.	29 ft.	35 ft.	6 ft.	Black clay. some sandy gravel mixed in.
9.	35 ft.	36 ft.	1 ft.	Hit Clay & Sand mixed. <sup>5 ft. water</sup>
10	36	40 ft.	4 ft.	sandy clay & gravel. (not so much sand)
11	38	44	6 ft.	sandy clay & " (Note)
12	40	42 ft.	5 ft.	Blue clay
13	42	45	3 ft.	Blue clay some sandy gravel
14	45	50	5 ft.	Blue clay
15	50	55	5 ft.	Blue clay

Sample No.	DEPTH		THICKNESS	DESCRIPTION OF BEDS	
	From	To		KIND OF ROCK, COLOR, HARD OR SOFT WATER, ETC.	
16	55	60	5	Blue	Clay
17	60	65	5	"	Clay
18	65	68	3	"	Clay
19	68	70	2	"	Clay
20	70	75	5	"	Clay
21	75	80	5	"	Clay
22	80	85	5	Blue Clay	coarse sand
23	85	90	5	Blue	Clay "
24	90	95	5	Blue	Clay "
25	95	97	2	Blue	Clay less sand
26	97	100	3	Blue	Clay
27	100	105	5	"	Clay
28	105	110	5	"	Clay
29	110	115	5	"	Clay

Sample No.	DEPTH		THICKNESS	DESCRIPTION OF BEDS	
	From	To		KIND OF ROCK, COLOR, HARD OR SOFT WATER, ETC.	
30	115	120	5	Blue Clay	
31	120	125	5	Small rock. + Blue Clay	
32	125	128	3	Small rock + " "	
33	128	130	2	" " + " "	
34	130	135	5	" " + Clay. <i>spec</i>	
35	135	137'-4"	2'-4"	" " " " Sand.	
36	137'-4"	140	2'-8"	Hard Cemented Sand.	
37	140	143'-4"	3'-4"	" " "	
38	143'-4"	145	1'-8"	Cemented Sand, not quite as hard or as hard to drill.	
39	145	150	5	" " " " " "	
40	150	155	5	" " " " " "	
41	155	160	5	" " " " " "	
42	160	165	5	" " " " " "	
43	165	170	5	" " " " " "	

Sample No.	DEPTH		THICKNESS	DESCRIPTION OF BEDS
	From	To		KIND OF ROCK, COLOR, HARD OR SOFT WATER, ETC.
44	170	173	3	<i>Cemented sand, but not as solid as hard to drill as the first 8 ft.</i>
45	173	175	2	<i>Fine White sand.</i>
46	175	180	5	" " "
47	180	185	5	" " "
48	185	190	5	" " "
49	190	195	5	" " "
50	195	200	5	" " "
51	200	205	5	" " "
52	205	210	5	" " "
53	210	215	5	<i>(212) Lime Shale.</i>
54	215	217½	2½'	" "
55	217½	221	3½'	<i>Brown sand.</i>
56	221	225	4	<i>Lime Rock</i>
57	225	227½	2½	<i>Porous lime stone Water bearing — 700 G.P.A.</i>

Sample  
No.

DEPTH

From

To

THICKNESS

DESCRIPTION OF BEDS

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

58

227½

229

1½'

Lime rock. (solid.)

# THORPE BROTHERS WELL COMPANY

2340 Sixth Avenue  
DES MOINES, IOWA

W-0533

Drilled for City of Fenton at Fenton, Ia

Drilling started Nov. 4th 1936 19 Completed Jan. 20th 1937 19

Well No. 2 Kind of Well Drilled Depth 229' Size hole started 12½ in.

Finish 10" G. P. M. 700 Static head 67' Drawdown Less than 2 ft

Water was first encountered at 36' in sandy clay Approximate Amount 5 to 8GPM

Remarks \_\_\_\_\_

RECORD OF PERMANENT PIPE					TEMPORARY PIPE	
SIZE PIPE	AMOUNT OF PIPE	DEPTH TO BOTTOM OF PIPE	DEPTH TO TOP OF PIPE	MAKE OF PIPE	SIZE PIPE	AMOUNT
10"	221'	221'	surface		12½"	39'

Driller Harold Elijah From Surface to \_\_\_\_\_ feet

Driller \_\_\_\_\_ From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Driller \_\_\_\_\_ From \_\_\_\_\_ feet to \_\_\_\_\_ feet

AMOUNT IN FEET	KIND OF SOIL OR FORMATION	TOTAL DEPTH FEET
3½	Black top soil	3½
25½	Brown clay	29
7	Hard black clay- some sand & gravel	36
2	Sand, clay & gravel -some water	38
2	" " less gravel- no water	40
2	Blue clay	42
95' 4"	" " some small rocks	137' 4"
6'	Hard cemented sand	143' 4"
29' 8"	Cemented sand- not quite as solid	173'
39	Fine white sand	212
5½	Lime shale	217½
3½	Brown sand	221
4	Lime rock	225
2½	Porous limestone-water bearing	227½
1½	Solid lime rock	229