

31926

WELL RECORD

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

Clare in Webster,
(Nearest Town) (County)

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

Owner Clare Well No. 2

Postoffice address _____

Contractor R + R Well Co. Inc.

Address R. R. 1, Fort Dodge, Ia.

Driller Lynn Rosengquist

Well begun May 8, 1990

completed Aug. 2, 1990

Rig used—Cable, Rotary, Jet, or _____

Depth of well 660'
(Feet)

Size of hole (note total amount of each size) 10"

2 10' 8" - 660

Main water supply at _____
(Feet below surface)

Final water head 90'
(Feet above or below surface)

Is well pumped? Yes

Yield 141
(Gallons per minute)

Water level when pumping 288'

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 & Weight of Pipe
10"	210	210'	0	Sch. 40 1365'
8"	295	540'	205'	Sch. 40 Steel
8"	40	252'	212'	S.S. Screen
24"	Undereamed	Hole		
From 210' -	255'			

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

Is screen used? yes Diameter 8 (Inches)

Length 40 (Feet) Depth to bottom 252 (Inches)

Depth to top 212 Slot size .050

Are packers or seals used? No

Kind _____
Johnson SS

Where used 2121-2521

Kind of pump--Goulds Dia. 6" (Inches)

Capacity of pump 100 (g.p.m.)

Power used	(Kind and amount)
208	30

Depth to bottom of pump line.-----280-----feet,

including-----feet tailpiece.

Remarks on construction of well-----

[illegible]

NOTE: Water levels should be recorded at time of change **AND** at regular intervals; for example each morning before drilling starts or at the end of each 100 feet of drilling.

#31926

SAMPLE NO.	DEPTH		THICKNESS
	From	To	
1	0'	2'	2'
2	2	5	3'
3	5	10	5'
4	10	15	5'
5	15	20	5'
6	20	25	5'
7	25	30	5'
8	30	35	5'
9	35	40	5'
10	40	45	5'
11	45	50	5'
12	50	55	5'
13	55	60	5'
14	60	65	5'
15	65	70	5'
16	70	75	5'
17	75	80	5'

DESCRIPTION OF BEDS	
KIND OF ROCK,	COLOR, HARD OR SOFT, WATER, ETC.
Black Top Soil	
Yellow Clay	" "
Yellow Clay	
Blue Clay	" "
Blue Clay	
Blue clay	" "
Blue Clay	
Blue Clay	" "
Blue Clay	
Blue Clay	" "
Blue clay	

SAMPLE NO.	DEPTH		THICKNESS
	From	To	
18	80	85	5'
19	85	90	5'
20	90	95	5'
21	95	97	2'
22	97	100	3'
23	100	105	5'
24	105	110	5'
25	110	115	5'
26	115	120	5'
27	120	125	5'
28	125	130	5'
29	130	135	5'
30	135	140	5'
31	140	145	5'
32	145	150	5'
33	150	155	5'
34	155	160	5'

DESCRIPTION OF BEDS

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

Blue Clay

" "

Blue Clay

" "

Yellow Clay

" "

Yellow Clay Sandy

" " "

Yellow Clay Sandy

" "

Yellow Clay

" "

Light Grey Shale

" " "

Light Grey Shale

" " "

Light Grey Shale

SAMPLE NO.	DEPTH		THICKNESS
	From	To	
35	160	165	5'
36	165	170	5'
37	170	175	5'
38	175	178	3'
39	178	180	2'
40	180	185	5'
41	185	190	5'
42	190	195	5'
43	195	200	5'
44	200	205	5'
45	205	210	5'
46	210	215	5' ↑
47	215	220	5'
48	220	225	5'
49	225	230	5'
50	230	235	5'
51	235	240	5'

Water Bearing

DESCRIPTION OF BEDS	
KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC.	
Light Grey Shale	
" " "	
Light Grey Shale	
" " "	
Coal	
Light Grey Shale	
" " "	
Light Grey Shale	
" " "	
Light Grey Shale	
Sandstone Fine	
" "	"
Sandstone Fine	
" "	"
Sandstone Fine	
" "	"
Sandstone Fine	

SAMPLE NO.	DEPTH		THICKNESS
	From	To	
52	240	245	5'
53	245	250	5'
54	250	253	3' ↓
55	253	255	2'
56	255	260	5'
57	260	261	1'
58	261	261½	6"
59	261½	265	3½'
60	265	270	5'
61	270	275	5'
62	275	280	5'
63	280	285	5'
64	285	290	5'
65	290	295	5'
66	295	300	5'
67	300	305	5'
68	305	310	5'

DESCRIPTION OF BEDS	
KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC.	
Sandstone	Fine
Sandstone	Fine
Sandstone	Coarse
Hard Sandstone	
"	"
Limestone	
Green Shale	
Sandstone	Grey
"	"
Sandstone	Grey
Limestone	White
"	"
Limestone	Tan
Limestone	Brown
"	"
Limestone	Brown
Limestone	Tan

SAMPLE NO.	DEPTH		THICKNESS
	From	To	
69	310	312	2'
70	312	315	3'
71	315	317	2'
72	317	320	3'
73	320	323	3'
74	323	325	2'
75	325	330	5'
76	330	335	5'
77	335	340	5'
78	345	350	5'
79	350	355	5'
80	355	360	5'
81	360	365	5'
82	365	370	5'
83	370	375	5'
84	375	380	5'
85	380	385	5'
86			

DESCRIPTION OF BEDS	
KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC.	
Grey Limestone	
Grey Sandstone	
Green Shale	
Grey Sandstone	
Brown Limestone	
Grey Limestone	
White Limestone	
"	"
Tan Limestone	
"	"
Tan Limestone	
White Limestone	
"	"
White Limestone	
"	"
White Limestone	
"	"

SAMPLE NO.	DEPTH		THICKNESS
	From	To	
87	385	390	5'
88	390	395	5'
89	395	400	5'
90	400	405	5'
91	405	410	5'
92	410	415	5'
93	415	420	5'
94	420	425	5'
95	425	430	5'
96	430	435	5'
97	435	440	5'
98	440	445	5'
99	445	450	5'
100	450	455	5'
101	455	460	5'
102	460	465	5'
103	465	470	5'

DESCRIPTION OF BEDS	
KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC.	
White Limestone	
H Grey Limestone	
White Limestone	
" "	
White Limestone	
" "	
White Limestone	
" "	
Limestone	
Limestone (2 shale breaks)	
Grey Limestone	
White Limestone	
" "	
White Limestone	
" "	
White Limestone	
" "	

Water Bearing

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SAMPLE NO.	DEPTH		THICKNESS
	From	To	
104	470'	475'	5'
105	475	480	5'
106	480	485	5'
107	485	490	5'
108	490	495	5'
109	495	500	5'
110	500	505	5' ↑
111	505	510	5' ↑
112	510	515	5' ↑
113	515	517	2' ↑
114	517	520	3' ↑
115	520	525	5' ↓
116	525	530	5'
117	530	535	5'
118	535	540	5'
119	540	545	5'
120	545	550	5'

DESCRIPTION OF BEDS	
KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC.	
White Limestone	
Tan Limestone	
Grey Limestone	
" "	
Short streaks Sandstone	
Brown Sandstone	
" "	
Brown Sandstone	
" "	
Brown Sandstone	
Grey Sandstone	
" "	
Grey Sandstone	
" "	
Grey Sandstone	streaks of shale
Tan Dolomite	
Grey Sandstone	

Shale - 502 - 507

SAMPLE NO.	DEPTH		THICKNESS
	From	To	
121	550'	555'	5'
122	555	560	5'
123	560	565	5'
124	565	570	5'
125	570	575	5'
126	575	580	5'
127	580	585	5'
128	585	590	5'
129	590	595	5'
130	595	600	5'
131	600	605	5'
132	605	610	5'
133	610	615	5'
134	615	617	2'
135	617	620	3'
136	620	625	5'
137	625	630	5'

Water Bearing Bedding

DESCRIPTION OF BEDS
KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC.
Grey Sandstone
" "
Grey Sandstone
" "
Grey Sandstone
" "
Grey Sandstone
" "
Grey Sandstone Coarse
" " "
Grey Sandstone Harder
" " "
Grey Sandstone Coarse
Brown Sandstone
Grey Sandstone
" "
Grey Dolomite

[illegible][illegible]