#16381

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

3½ mi N.

Location:

Town: Fort Dodge (NE) (SW) County Webster

E½ Sec. 29, T. 90, N., R. 28 (E) (W) Badger Twp.

Well name and number

Owner Ia State Park Address Fort Dodge

Tenant Address

Contractor Rosenquist Well Co Address Fort Dodge

Drillers

Drilling dates 12/14/63 - 4/23/64

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

Determined by

Topographic position Upland

Total depth: Reported 330 feet; Measured feet

Drilling method Cable

Hole and casing data 7" - 92 - 67 - 5"

Original depth to water ft. above below Date

Source of data

Sources of water: Principal 330
Others

PRODUCTION DATA

Date

Static water level 80

Pumping water level 160

Yield (g.p.m.) 50 -

Measuring point

Duration of pumping

Specific capacity

LABORATORY DATA

TLS-500

Well No. #16381 Sample range 0-330 No. of samples 66

No. of dupls. and cond. 66 Good Washed range 135-330

Samples prepared by Kobes Date 5/11/64

Logged by NORTHUP Date 5/29/69

Correlations by " Date 5/29/69

DRILLER'S NOTEBOOK

WELL RECORD

Driller Reuben N Rosenquist

Address Fort Dodge

Iowa

Owner Rosenquist well co

Address Fort Dodge

Iowa

#16381

RETURN TO

IOWA GEOLOGICAL SURVEY

IOWA CITY, IOWA

Badger Trap

WELL RECORD

Well is located 3½ miles (N) E and ____ miles N E from W W

Fort Dodge (Nearest Town) in Webster Co (County),

in the Sw¼ East ¼ Sec. 29 T. 90 R. 28

Owner State Park Well No. ____

Postoffice address Fort Dodge

Contractor Rosenquist Well Co

Address Fort Dodge

Driller Reuben N Rosenquist

Well begun Dec 14, 19 6?;

completed Mch 23, 19 64

Rig used (Cable) Rotary, Jet, or ____

Depth of well 330 (Feet)

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

7 inch - 92 - 67 - 5 in

Main water supply at 330 (Feet below surface)

Final water head 80 (Feet above or below surface)

Is well pumped? yes

Yield 30 gal per minute (Gallons per minute)

Water level when pumping 160

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

SAMPLE NO.	DEPTH From	DEPTH To	THICKNESS	DESCRIPTION OF BEDS — KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC.
Ø	0	5'	5'	Black Loam
2	5'	10	5'	yellow & Black
3	10	15'	5'	yellow clay
4	15'	20	5'	" "
5'	20	25'	5'	" "
6	25'	30	5'	Blue Clay
7	30	35'	5'	" "
8	35	40	5'	" "
9	40	45'	5'	" "
10	45'	50	5'	" "
11	50	55'	5	" "
12	55	60	5'	" "
13	60	65'	5'	" "
14	65'	70	5'	" "
15'	70	75'	5'	" "
16	75'	80	5'	" "
17	80	85'	5'	" "

SAMPLE NO.	DEPTH From	DEPTH To	THICKNESS	DESCRIPTION OF BEDS — KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC.
18	85	90	5	Blue Shale
19	90	95	5	" "
20	95	100	5	Red & Blue Shale
21	100	105	5	" " "
22	105	110	5	" " "
23	110	115	5	" " "
24	115	120	5	" " "
25	120	125	5	" " "
26	125	130	5	" " "
27	130	135	5	" " "
28	135	140	5	Sand Rock
29	140	146	5	" "
30	145	150	5	" "
31	150	155	5	Brown Lime Rock
32	155	160	5	" " "
33	160	165	5	Grey Lime Rock
34	165	170	5	Brown Lime Rock

165 170

SAMPLE NO.	DEPTH From	DEPTH To	THICKNESS	DESCRIPTION OF BEDS — KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC.
35	170	175	5	Brown Lime Rock
36	175	180	5	" " "
37	180	185	5	" " "
38	185	190	5	" " "
39	190	195	5	" " "
40	195	200	~~4~~ 1	Grey Shale 1 ft
41	200	205	5	Brown Lime Rock
42	205	210	5	" " "
43	210	215	5	" " "
44	215	220	5	" " "
45	220	225	5	" " "
46	225	230	5	" " "
47	230	235	5	" " "
48	235	240	5	" " "
49	240	245	5	" " "
50	245	251	6	" " "
51	250	256		" " "

SAMPLE NO.	DEPTH From	DEPTH To	THICKNESS	DESCRIPTION OF BEDS — KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC.
5-2	255	260	5'	Brown Lime Rock
5-3	260	265	5'	" " "
5-4	265	270	5'	" " "
5-5	270	275	5'	" " "
5-6	275	280	5'	" " "
5-7	280	286	5	" " "
5-8	285	290	5'	" " "
5-9	290	295	5	" " "
60	295	300	5	" " "
61	300	305	5	" " "
62	306	310	5	" " "
63	310	315	5	" " "
64	315	320	5	" " "
65	320	325	5	" " "
66	325	330	5	" " "