ICWA GEOLOGICAL SURVEY In Cooperation with U.J. Geological Survey RECOAD OF WELL

Location:	
Town: BUFFALO CENTER (NE) County (SW)	DINNESAGO
(4)	Lovel Colonia (1869)
NW SE Sec. 17, T. 99, N., R. 26(W)	Twp.
Well name and number	
Cwner TOWN OF BUFFALO CENTER Address	BUFFALO GENTER, IA.
Tenant Address Address	WHO I THE SHARE
Contractor HALVERSON & BEENER Address	RAKE, IOWA & LAKOVA, I
Drillers ERVIN HALVERSON 3	ROBERT BEEMER
Drilling dates 3/4/69-3/6	
Well data: Altitudes: Drilling curbfeet; Land surface	feet
	1001
Capar balany	- Jones June Julius No. and
contrackety	Sample sample and sample of bearings and bea
gonor torkeW	John Jan Jan 1996 To min
Determined by Topographic position UPGANO	ed begoerne z leged
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Determined by	ed begoerne z leged
Determined by Topographic position Total depth: Reported 465 feet; Neasured Drilling method CABLE	ed begoerne z leged
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Sources of	water: Principal SSO-SSO Others
	PRODUCTION DATA
Date	
Static water level	22
Pumping water level	90
Yield (g.p.m.)	350
Measuring point	225 (133 D)
Duration of pumping	
Specific capacity	
	LABORATORY DATA 745 3509
Well No. Sa	mple range 0-465 No. of samples 90
No. of dupls. and cond.	90 FAIR Washed range 120-465
Samples prepared by	LOUEIT Date 5/15/64
Logged by	m & Church Date San 29,65
Correlations by	man A Church Date Jan. 29, 65

DRILLER'S NOTEBOOK

WELL RECORD

Driller Ashvasa & Welmer
Address Rake and Lahota, Da
1
Owner Jaun of Buffalo Center, Sa
Address

RETURN TO

IOWA GEOLOGICAL SURVEY
IOWA CITY, IOWA

WELL RECORD

ral singlish and s	N	N
Well is located	miles S and	E miles S from
	W	W
Buffalo Center (Nearest Town	in Wen	(County)
in the NW 45E	¼ Sec. ∠ZT.	99 R.26
Owner Jam of B	offelo Center We	Il No. 2
Postoffice address	Buffalo C	entr de
Contractor Salv	man + B	eemer.
Address Rah	Labota	In.
Driller Cruin) fa	horsen - Bal	but Beemer
and the second	nch 4	
	orch 22	
Rig used—Cable, l	Rotary, Jet, or	cabl,
Depth of well	7 6 5 (Feet)	
Size of hole (note	total amount of ea	ch size)
Main water supply	at	surface)
Final water hea	d 22'	below surface)
Is well pumped?_	yes.	
Yield3	(Gallons per mir	nute)
Water level when	pumping 90	
Position of well	Upland, valley, sid	

RECORD OF PERMANENT CASING

Size Pipe	Amount of Pipe	Depth to Bottom of Pipe	Depth to Top of Pipe		1
10"	125	125		Sterland	135, 10, 16
		-3			Work
		*****			3 vs Vin
, ·					- 1/4
Le	ngth	Feet)	Depth to	Slot size	(Inches)
Wh Kin Cap	nere used ad of pun pacity of	pump	b. 400	(g.p.m.)	Oia. (Inches)
De	pth to bot	ttom of p	ump line.	/07 fee	et tailpiece.

SAMPLE DEP		тн		DESCRIPTION OF BEDS
NO.	From	То	THICKNESS	KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC.
	0	5	5-1	Dap sail
2	5	10	u	Jap sail Yellam Clay
3	10	15	11	1 11
4	15	20	t _i	1
5	20	25	4,	Blue Clay
4	25	30	',	· · · · · · · · · · · · · · · · · · ·
7	30	35	le .	4 1,
8	35	40	1.	,.
7	40	45	1-	l
10	45	50	/,	
11	50	55	',	
12	55	60	74	1. te
/3	60	65	٠,	٠, ٨
14	65	70	5	· · · · · · ·
15	70	75	1,	1.
16	75	30	7	4
17	80	85		/· 'r

SAMPLE	DEPT	DEPTH	ALITONALESA	DESCRIPTION OF BEDS
NO.	From To THICKNESS	KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC.		
18	85	90	5'	Belux Cluy
19	90	95		n d
20	95	100	1.	1, ''
21	100	105	/,	Sand & Clay
72	105	110	17	11 4
93	110	115	/.	Sand & Grand.
94	115	120	"	٧ ٧/
25	120	12,5	',	77
26	12,-	130	,,	Roch
27	130	135	(/	1.
28	13 -	140	11	
29	140	145	- //	
30	145	150	//	(,
3/	150	155	11	<u>', </u>
72	15-5-	140	"	"
33	160	165	11	3'
34	165	170'	"	1

SAMPLE	DEPT	DEPTH DESCRIPTION OF B			s
NO.	From	То	THICKNESS	KIND OF ROCK, COLOR, HARD OR SO	OFT, WATER, ETC.
35	170	175	5	2.60	
34	175	180	34	<u> </u>	1
37	180	125		/	
38	185	190		. /	
39	190	195		M/	
40	195	200		J /	
41	200	205			
42	205	210		7,	74
43	210	215		, 1	1
44	215	220		S /	
45	220	225			
46	225	230		M	
47	230	235		N/	19.4
48	235	240		(2)	
49	240	245			11
5-6	245	250			8.8
51	250	2 5-5-1			

SAMPLE	DEPTH		THICKNESS DESCRIPTION OF	DESCRIPTION OF BEDS
NO.	From	То	MICKNESS	KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC.
52	255	280	5~	
53	260	265		4/2
54	245	270	34	. /=
55	270	277		
56	275	280		
57	280	285		
58	280	210		
59	29 0	295		83
60	295	300		
61	300	305		
42	315	310		
43	310	315		No.
64	315	320		
45	320	325		
64	325	330	1	
67	330	335		
48	3.35	3 40		

			0	
SAMPLE	DEP	тн	THICKNESS	DESCRIPTION OF BEDS
NO.	From	To	3 Marie S	KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC.
. 69	340	375	5'	,
70	345	350		
- 21	350	355		
72	355	360		
73	340	365		
74	365	370		
25	370	375		
76	375	380		
_ 77	380	385		
_ 78	385	390		
79	390	295		i_N/
- 80	395	400		
81	400	405		
_ 82	405	410		
83	410	415		
84	415	490		
85	420	425		

SAMPLE	DEPT	DEPTH THICKNESS		DESCRIPTION OF BEDS
NO.	From	То	10 0/10/10	KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC.
. 84	425	430	5-1	Roch
87	430	435	<i>W</i>	Rock & some state.
. 38	4.35	440	H	Rock
89	440	445	11	· ·
90	445	456	",	/-
91	450	455	.1	Rock + suft shale
92	455	460	4	11 6 11
93	460	465	4	., ,, ,
		+	+	