

7 1/2' Buffalo Center Quad
1980/located by D. Keuster

16406

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

Location:

Town: BUFFALO CENTER (NE) County WINNEBAGO
(SW)
NW SE Sec. 17, T. 99, N., R. 26 (W) Twp.

Well name and number 2

Owner TOWN OF BUFFALO CENTER Address BUFFALO CENTER, IA.

Tenant #2 Address _____

Contractor HALVERSON & BEEMER ^{BOB} Address RAKE, IOWA & LAKOTA, IA.

Drillers ERDIN HALVERSON & ROBERT BEEMER

Drilling dates 3/4/64 - 3/22/64

Well data:

Altitudes: Drilling curb _____ feet; Land surface _____ feet

Determined by _____

Topographic position UPLAND

Total depth: Reported 465 feet; Measured 465 feet

Drilling method CABLE

Hole and casing data 10" 125' OF 10" PIPE

Original depth to water _____ ft. ^{above} below _____ Date _____

Source of data _____

Sources of water: Principal
Others

350-380

PRODUCTION DATA

Date _____
Static water level 22
Pumping water level 90
Yield (g.p.m.) 350
Measuring point _____
Duration of pumping _____
Specific capacity _____

LABORATORY DATA

7LS-509

#16406

Well No. _____ Sample range 0-465 No. of samples 90

No. of dupls. and cond. 90 FAIR Washed range 120-465

Samples prepared by LOUETT Date 5/15/64

Logged by Norman K Church Date Jan 29, 65

Correlations by Norman K Church Date Jan 29, 65

DRILLER'S NOTEBOOK

WELL RECORD

Driller *Halverson & Beemer*

Address *Rake and Lakota, Ia*

Owner *Town of Buffalo Center, Ia*

Address

RETURN TO
IOWA GEOLOGICAL SURVEY
IOWA CITY, IOWA

WELL RECORD

N
E
W

N
E
W

Well is located C miles S and 0 miles S from

Buffalo Center in Winnebago,
(Nearest Town) (County)

in the NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 17 T. 99 R. 26

Owner Town of Buffalo Center Well No. 2

Postoffice address Buffalo Center, Ia

Contractor Halverson & Beemer

Address Rake & Labata Dr.

Driller Ervin Halverson & Robert Beemer

Well begun March 4, 1964;

completed March 22, 1964

Rig used—Cable, Rotary, Jet, or Cable

Depth of well 465

(Feet)

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

Main water supply at 350 - 380

(Feet below surface)

Final water head 22'

(Feet above or below surface)

Is well pumped? Yes

Yield 350

(Gallons per minute)

Water level when pumping 90"

Position of well Upland

(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* and Weight of Pipe	DIAGRAM OF WELL
12					
10"	125	125		Standard	

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

Is screen used? no Diameter _____ (Inches)

Length _____ (Feet) Depth to bottom _____

Depth to top _____ Slot size _____

Are packers or seals used? _____

Kind _____

Where used _____

Kind of pump Sub. Dia. 6" (Inches)

Capacity of pump 400 (g.p.m.)

Power used Edison 220 3 phase (Kind and amount)

Depth to bottom of pump line 107 feet, including no feet tailpiece.

Remarks on construction of well _____

SAMPLE
NO.

DEPTH

From

To

THICKNESS

35

170

175

5'

36

175

180

37

180

185

38

185

190

39

190

195

40

195

200

41

200

205

42

205

210

43

210

215

44

215

220

45

220

225

46

225

230

47

230

235

48

235

240

49

240

245

50

245

250

51

250

255

DESCRIPTION OF BEDS

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

Rock all the way

SAMPLE NO.	DEPTH		THICKNESS
	From	To	
52	255	260	5"
53	260	265	
54	265	270	
55	270	275	
56	275	280	
57	280	285	
58	285	290	
59	290	295	
60	295	300	
61	300	305	
62	305	310	
63	310	315	
64	315	320	
65	320	325	
66	325	330	
67	330	335	
68	335	340	

DESCRIPTION OF BEDS
KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC.
<i>Rock with the same</i>

