

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by KARSTEN Source of data FILE Date 6/24/66 Map BENTON CO. HWY

State 10WA County 16 (or town) BENTON 06

Latitude: 41 59 50 N Longitude: 09 15 12 5 Sequential number: 1

Lat-long accuracy: 2 0 83 N 9 E 14 SE 1 NW 5 SE 5

Local well number: 08309W14DBD Other number: 18068

Local use: 18068 Owner or name: ATKINS TOWN NO 2 Address: ATKINS, IA.

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist M

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (S) Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other P

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed W

DATA AVAILABLE: Well data 1 Freq. W/L meas.: 0 Field aquifer char. 0

Hyd. lab. data: 0

Qual. water data: type: C

Freq. sampling: I Pumpage inventory: yes 0 no 0 period: 0

Aperture cards: 0

Log data: GEOLOGIST - DRILLERS G-D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 485 ft 485 Meas. rept accuracy 3

Depth cased: 279 ft 279 Casing type: STEEL; Diam. 10 in 10

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other X

Method: (A) air, (B) bored, (C) cable, (D) dug, (H) hyd jetted, (J) air, (P) reverse, (R) trenching, (T) driven, (V) drive, (W) wash, (Z) other C

Date Drilled: 3/22/66 966 Pump intake setting: 0 ft 0

Driller: HOLTZ - AMES LINCOLN, IA

Lift (type): (A) air, (B) bucket, (C) cent, (J) multiple, (L) multiple, (M) multiple, (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other 0 Deep 0 Shallow 0

Power (type): nat, LP, Trans. or meter no. 0

Descrip. MP LSD ft below LSD, Alt. MP 841

Alt. LSD: 841 841 Accuracy: ACT 7

Water Level 108 ft above MP; Ft below LSD 108 Accuracy: 0

Date meas: 3/66 366 Yield: 100 gpm 100 Method determined 3

Drawdown: 72 ft 72 Accuracy: 3 Pumping period 4 hrs 4

QUALITY OF WATER DATA: Iron 0.6 4 Sulfate 30.5 2 Chloride 1.0 0 Hard. 277 6

Sp. Conduct 790 K x 10⁶ 4 Temp. 0 °F 0 Date sampled 3/28/66 366

Taste, color, etc.

Well No. 083-09W-14 DBD

Well No. 083-094-14 D.B.DLatitude-longitude 41.59.50 S 091.51.25
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: CENT. LL. 1 2 Section: DISS. TILL

PLAIN 22 Drainage Basin: COGAR 25 Subbasin: 25

(D) (C) (E) (F) (H) (K) (L)
 Topo of depression, stream channel, dunes, flat, hilltop, sink, swamp,
 well site: (Q) (P) (S) (T) (U) (V) 27 offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR 28 29 30 31
 AQUIFER: SIL system series S.Y. aquifer, formation, group X

Lithology: CHERTY DOL 32 33 Origin: MAINE 34 Aquifer Thickness: 206 ft

206 35 36 37 Length of well open to: 206 ft 38 39 40 Depth to top of: 206 ft 41 42 43

MINOR 44 45 46 47
 AQUIFER: system series aquifer, formation, group Aquifer Thickness: 206 ft

Lithology: 48 49 Origin: MAINE 50 Aquifer Thickness: 206 ft

51 52 53 54 55 56 57 58 59
 Intervals Screened: 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79

Depth to consolidated rock: 80 ft 80 81 Source of data: C 82

Depth to basement: 83 84 85 86 Source of data: C 87

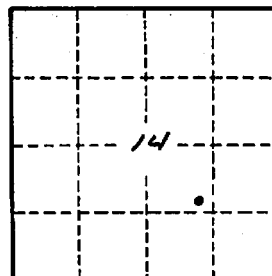
Surficial material: NON CAL TILL 88 89 Infiltration characteristics: POOR 90 91 92 93 94 95 96 97 98 99

Coefficient Trans: 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120

Coefficient Perm: 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140

CASING:

10" 0-275'



Well No.

083-094-14 D.B.D

#18068

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

Location:

Town: ATKINS (NE) County BENTON
(SW) (E)
SE NW SE Sec. 14, T. 83, N., R. 9 (W) Twp.

Well name and number

Owner ATKINS TOWN WELL #2 Address ATKINS, IOWATenant (1966) AddressContractor HUEG & AMES, INC. Address LINCOLN, IOWADrillers ENUEL FINKDrilling dates FEB 8, 1966 - MARCH 18, 1966

Well data:

Altitudes: Drilling curb feet; Land surface 841.5 feetDetermined by Alt. 1967

Topographic position

Total depth: Reported 485' feet; Measured feetDrilling method CABLE TOOLS

Hole and casing data

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

Source of data

Sources of water: Principal
Others

270' - 485'

PRODUCTION DATA

Date

Static water level

108'

Pumping water level

180'

Yield (g.p.m.)

100

Measuring point

Duration of pumping

Specific capacity

LABORATORY DATA

Ph6-372

Well No. #18063 Sample range 0-470 No. of samples 92

No. of dupls. and cond. 92F Washed range 20-470

Samples prepared by Dennis LaPoint Date 3/23/66

Logged by NORTHUP Date 3/24/66

Correlations by " Date 3/24/66