

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by D. ARONSON Source of data FILE Date 2/1/67 Map 1:63,360 COUNTY HWY.

State IOWA 16 County (or town) IOWA 48

Latitude: 41° 31' 54" N Longitude: 092° 05' 04" W Sequential number: 1

Lat-long accuracy: 2 T. 78 S. R. 11 E Sec 26 NENE, NE, SE, S

Local well number: 07811W26DAAA Other number: W-0920

Local use: 00920 Owner or name: ENGLIN VALLEY COOPERATIVE

Owner or name: ENG VAL COOP CR Address: NORTH ENGLISH, IA.

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

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

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

DATA AVAILABLE: Well data 3 Freq. W/L meas.: INVENTORY Field aquifer char. 72

Hyd. lab. data: 73

Qual. water data; type: 74

Freq. sampling: 75 Pumpage inventory: yes no: period: 76

Aperture cards: yes 77

Log data: GEOLOGIST-DRILLER'S G.D. 78 79

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 224 ft 224 Meas. rept. Driller's Log 3

Depth cased; (first perf.): 33 ft Casing type: 34 Diam. 35 in 36

Finish: (C) porous concrete, (F) gravel w. (screen), (G) gravel w. (horiz. open), (H) horiz. open, (P) perf., screen, sd. pt., (S) shored, (T) shored, (W) open hole, (X) other 31

Method: (A) air bored, (B) cable, (C) dug, (D) hyd jetted, (H) air reverse, (J) percussion, (P) rotary, (R) reverse, (T) trenching, (U) driven, (V) drive wash, (W) other 32

Date Drilled: 1938 938 Pump intake setting: 33 ft 36

Driller: D.E. EDWARDS WEST BRANCH, 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, (U) other 39 Deep D Shallow 40

Power (type): (nat) diesel, elec, gas, gasoline, hand, gas, wind; (LP) H.P. 41 Trans. or meter no. 42

Descrip. MP LSD ft above below LSD. Alt. MP 784

Alt. LSD: 784 784 Accuracy: ALTIMETER 7

Water Level: 58 ft above below MP; Ft below LSD 58 Accuracy: Driller's Log D

Date mea: 1938 38 Yield: 12 1/2 gpm 12 Method determined 41

Drawdown: 92 ft 92 Accuracy: 3 Pumping period 42 hr 43

QUALITY OF WATER DATA: Iron ppm 44 Sulfate ppm 45 Chloride ppm 46 Hard. ppm 47

Sp. Conduct 48 K x 10 49 Temp. °F 50 Date sampled 51

Taste, color, etc. 52

Punched ERC

078-11W-26 DAAA

Well No. 07B-11W-26 DAAA

Latitude-longitude 41.31.54 ^N 092.05.04.1 _{d m s d m s}

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD **Physiographic Province:** CENTRAL LOWLAND **Section:** DISSECTED

TILL PLAIN **Drainage Basin:** IOWA **Subbasin:** 25D

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) offshore, pediment, hillside, terrace, undulating, valley flat SCOPE

MAJOR AQUIFER: MISSISSIPPIAN LOWER M1 ENGLISH RIVER FA KIR

Lithology: COARSE SILTSTONE 4W **Origin:** MARINE 6 **Aquifer Thickness:** 180 ft

MINOR AQUIFER: Length of well open to: 180 ft 180 ft

Lithology: Length of well open to: 180 ft 180 ft

Intervals Screened: 165 ft 165 ft **Source of data:** WELL CUTTINGS C

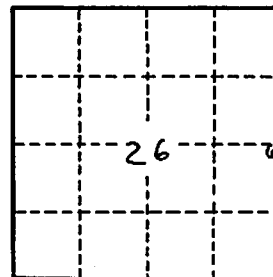
Surficial material: TILL T **Infiltration characteristics:** POOR 4

Coefficient Trans: gpd/ft 13 **Coefficient Storage:** gpm/ft 13

Perm: gpd/ft² Spec cap: 13 **Number of geologic cards:** 13

CASING:

NO INFORMATION.



Well No. 07B-11W-26 DAAA

WRD Exp. (GW)
April 1966

Well No. 078-11W-26 DAAA

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WATER RESOURCES DIVISION

MASTER CARD

Record by D. ARONSON Source of data FILE Date 2/1/67 Map 1:63,360 COUNTY HWY

State IOWA 16 County (or town) IOWA 48

Latitude: 41 31 54 N Longitude: 09 20 50 W Sequential number: 2

Lat-long accuracy: 2 T. 78 S. R. 11 E Sec 26 NE 1 NE 1 SE 5

Local well number: 07811W26DAAA Other number: W-0920

Local use: 00920 Owner or name: ENG. VALLEY COOP CREDIT

Owner or name: ENG VAL COOP CR Address: NORTH ENG, IA

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

Use of Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, water: N

Use of (A) (D) (G) (H) (I) (M) (N) (P) (R) (S) (T) (U) (V) (W) (X) (Y) (Z) W

well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed

DATA AVAILABLE: Well data 2 Freq. W/L meas.: INVENTORY Field aquifer char. 71

Hyd. lab. data: 73

Qual. water data; type: COMPLETE 74

Freq. sampling: ORIGINAL Pumpage inventory: 75 yes no period: 76

Aperture cards: 77

Log data: GEOLOGIST-DRILLER'S 67

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 85 ft Meas. 85 Drilled's LOG 24

Depth cased: 75 ft Casing type: STEEL ; Diam. 8 in 29

Finish: (C) porous concrete, (F) gravel w. (G) gravel w. (H) horiz. open (I) screen, (J) gallery, end, (K) perf., (L) screen, ad. pt., (M) shored, (N) open hole, (O) other 31

Method: (A) air bored, (B) cable, (C) dug, (D) hyd jetted, (E) air rot., (F) percussive, (G) rotary, (H) rovers, (I) trenching, (J) driven, (K) drive wash, (L) other 32

Date Drilled: 1938 38 Pump intake setting: 74 ft 74

Driller: D.E EDWARDS WEST BRANCH, IA

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multiple, (G) none, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other 39 Deep 40

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 5 Trans. or meter no. 784

Descrip. MP LSD ft above below LSD . Alt. MP 784

Alt. LSD: 784 784 Accuracy: ALTIMETER 7

Water Level 55 ft above below MP; Ft above below LSD 55 Accuracy: DRILLER'S LOG 37

Date meas: Nov. 1938 N 38 Yield: 28 gpm 28 Method determined 61

Drawdown: 3 ft Accuracy: 3 Pumping period 62

QUALITY OF WATER DATA: Iron 0.5 3 Sulfate 34.4 2 Chloride 6.0 0 Hard. 212 6

Sp. Conduct 50 1/2 K x 10⁶ Temp. 54 Date sampled Nov. 21, 1938 N 38

Taste, color, etc. 79

Well No.

078-11W-26 DAAA

Punched ERG

Verified PMJ

Well No. 078-11W-26 DAAA

Latitude-longitude 41 31 54 N 092 05 04.2
d m s s d m s

HYDROGEOLOGIC CARD

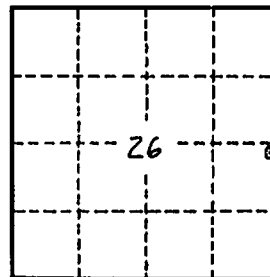
SAME AS ON MASTER CARD
 Physiographic Province: CENTRAL LOWLAND 12 Section: DISSECTED
 TILL PLAIN E Drainage Basin: IOWA 25D Subbasin:
 (D) (C) (E) (F) (H) (K) (L)
 Topo of well site: depression, stream channel, dunes, flat, hilltop, sink, swamp,
 (Q) (P) (S) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat SCOPE 27 S
 MAJOR AQUIFER: QUATERNARY PLEIST Q6 6X
 system series aquifer, formation, group
 Lithology: SAND S Origin: GLACIAL 0 Aquifer Thickness: ft
 Length of well open to: 9 ft Depth to top of: ft
 MINOR AQUIFER: system series aquifer, formation, group
 Lithology: Origin: Aquifer Thickness: ft
 Length of well open to: ft Depth to top of: ft
 Interval Screened: 74' 8" TO 85'
 Depth to consolidated rock: 165 ft 165 Source of data: WELL CUTTINGS 64 C
 Depth to basement: ft Source of data: 69
 Surficial material: TILL T Infiltration characteristics: POOR 72 4
 Coefficient Trans: gpd/ft Coefficient Storage: 73 75
 Perm: gpd/ft²; Spec cap: gpm/ft; Number of geologic cards: 79

CASING:

75' 8" OF 8" CASING FROM 41' TO 74' 8".

11' OF .070 JOHNSON SCREEN 8" DIA.

LEAD PACKER S WEDGED INTO PIPE.



Well No.

078-11W-26 DAAA