

WELL SCHEDULE

UN 218262 OK

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by D. M. BARON Source of data Minn Bed Surv Date 21 OCT 69 Map 15 NE 1/4 (1965) 7.5'

State MISSOURI County (or town) Le Sueur 49

Latitude: 44 28 22 N Longitude: 09 35 42 W Sequential number: 2

Lat-long accuracy: 1 T. 112 S. R. 26 Sec 25, S, S, S

Local well number: 112N26W Other number: Well #2

Local use: _____ Owner or name: Minn. Valley Canning Co.

Owner or name: MINN VAL. CANN CO Address: _____

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

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (G) Dom, (H) Irr, (I) Med, (J) P S, Rec, (K) Stock, (L) Instit, (M) Unused, (N) Reppure, (O) Desal-P S, (P) Desal-other, (Q) Other A

Use of well: (A) Anode, (B) Drain, (C) Seismic, (D) Heat Res, (E) Obs, (F) Oil-gas, (G) Recharge, (H) Test, (I) Unused, (J) Withdraw, (K) Waste, (L) Destroyed W

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

Hyd. lab. data: _____

Qual. water data; type: Field Checked - See Back elev 785±5'

Freq. sampling: _____ Pumpage inventory: yes no period: 74-B

Aperture cards: _____ yes

Log data: Driller's Log

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 680 ft 3

Depth cased: (first perf.) 174 ft Casing type: steel; Diam. in _____

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (I) open end, (J) open hole, (K) other X

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

Date Drilled: _____ Pump intake setting: _____ ft _____

Driller: _____ name _____ address _____

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

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

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

Alt. LSD: 764 764 Accuracy: (source) QUAD. 2.5' MET. CT. 3

Water Level: _____ ft above MP; _____ ft below LSD Accuracy: _____

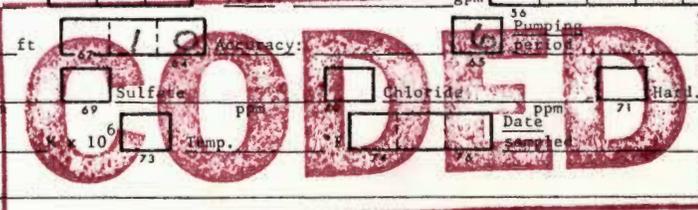
Date meas: _____ Yield: _____ gpm _____ Method determined _____

Drawdown: 10 ft 10 Accuracy: _____ Pumping period: _____ hrs _____

QUALITY OF WATER DATA: Iron _____ ppm Sulfate _____ ppm Chloride _____ ppm Hard. _____ ppm

Sp. Conduct _____ Date sampled _____

Taste, color, etc. _____



Well No. 112-26-25ccc2

Well No. 112-76-25CCC2

Latitude-longitude _____
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD 112 Section WEST LK SECT
Province: _____

B Drainage Basin: Up Miss Rv Drain 28V Subbasin: 3

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) (F) (H) (K) (L) (O) (P) (S) (T) (U) (V) 7
offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: _____ system _____ series _____ aquifer, formation, group _____
28 29 30 31

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft
32 33 34

Length of well open to: _____ ft _____ Depth to top of: _____ ft _____
35 37 38 40 41 43

MINOR AQUIFER: _____ system _____ series _____ aquifer, formation, group _____
44 45 46 47

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft
48 49 50

Length of well open to: _____ ft _____ Depth to top of: _____ ft _____
51 53 54 56 57 59

Intervals Screened: _____

Depth to consolidated rock: _____ ft 179 Source of data: D
60 61

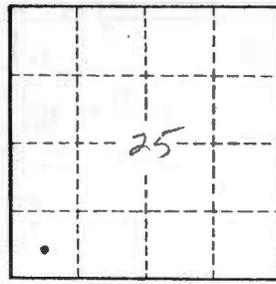
Depth to basement: _____ ft _____ Source of data: _____
65 66

Surficial material: _____ Infiltration characteristics: _____
70 71 72

Coefficient Trans: _____ gpd/ft _____ Coefficient Storage: _____
73 75 76 78

Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____
79

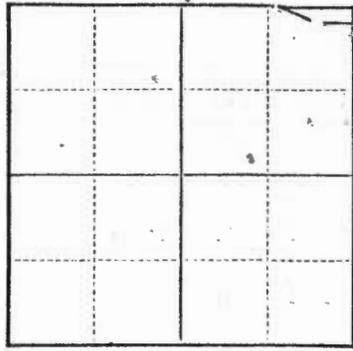
IN SMALL BRICK WELL HOUSE
25' N. OF GREEN GIANT OFFICE BLDG,
NEXT TO PHILLIPS GAS STATION.



Well No. 112-76-25CCC2

218262112 - 76

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH



Locate well on plat of section.

RECORD OF WELL

1. Location: State Minnesota County LeSueur
Nearest P. O. Le Sueur Direction from P. O. _____
Distance from P. O. _____ miles; _____ 1/4 sec. _____, T. 112 N, R. 26 W.
If in city, give street and number _____

Well 2

2. Owner: Minnesota Valley Canning Co. Address _____
Driller: _____ Address _____

3. Situation: Is well on upland, in valley, or on hillside? _____

4. Elevation of top of well: 764 ft. above the level of sea
(Above or below) (Sea, depot, lake, or stream)

5. Type of well: drilled; kind of drilling rig used _____
(Dug, driven, bored, or drilled) (Solid tool, jetting, rotary, etc.)

6. Depth of well: 680 ft.; year in which well was finished _____
Does well enter rock? yes; if so, at what depth? 179 ft.; kind of rock sandstone and shale.

7. Diameter: At top _____ inches; at bottom _____ inches.

8. Principal water bed: sandstone
(Gravel, sand, clay, or rock. If rock, state kind)
Depth to principal water bed _____ ft.; thickness of bed _____ ft.
If other water supplies were found, give depth to each _____

9. Casings: Kind steel; size _____; length 174 ft.; between depths of _____ and _____ ft.
Kind _____; size _____; length _____ ft.; between depths of _____ and _____ ft.
Kind _____; size _____; length _____ ft.; between depths of _____ and _____ ft.

Packers (if any): Depth at which packers were used _____; kind _____

Screen or Strainer: Was well finished with screen? _____; kind of screen _____;
length of screen _____ ft.; diameter _____ inches; size of openings _____

10. Head: Does well at present overflow without pumping? _____; did it overflow when new? _____;
if flowing, give pressure _____ lb. per sq. inch; or height water will rise in a pipe _____ ft. above surface;
original pressure or head _____; if not flowing, give water level in well 0 ft. below surface.
set at 20 ft.

11. Pump: Is the well pumped? yes; kind of pump _____;
size or capacity of pump _____; kind of power _____

12. Yield: Natural flow at present (if any) _____ gallons per minute; original flow _____ gallons per minute;
well has been pumped at 120 gallons per minute continuously for _____ hours;
quantity of water ordinarily obtained from well _____ gallons per day.

13. Use: For what purpose is the water used? _____

14. Quality of the water: _____; is there an analysis? _____
(Hard or soft, fresh or salty, etc.)

15. Cost of well, not including pump: _____ Temperature of water _____ ° F.

Name of person filling blank _____

Date _____ Address _____

218262

112-26-250002

LOG OF WELL

| KIND OF ROCK OR OTHER MATERIAL (Give color and tell whether hard or soft) | DEPTH, IN FEET | | THICKNESS, IN FEET | REMARKS (Especially information as to water found) |
|--|----------------|-----|-----------------------|---|
| | From— | To— | | |
| Sand and gravel | | 40 | 40 | 769 |
| Hardpan | | 70 | 30 | |
| Sand, gravel and boulders | | 99 | 29 | |
| Shale | | 101 | 2 | |
| Sand and gravel | | 179 | 78 | |
| Sandstone and shale | 174 | 184 | 5 | 585 |
| Shale | | 289 | 105 | 580 |
| Sandstone and shale | | 384 | 95 | 475 |
| Shale | | 474 | 90 | 320 |
| Sandstone and shale | | 680 | 206 | 290 Top of Mt. ... probably at 217 altitude |
| | | | | WBolt 84' |

Source of data: Print by Toltz, King, and Day, Inc., in files of Minnesota
Geol. Survey.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

4N 218262

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RECORD OF WELL

1. Location: State Minnesota County LeSueur
 Nearest P. O. Le Sueur Direction from P. O. _____
 Distance from P. O. _____ miles; _____ 1/4 sec. _____, T. 112 N., R. 26 W.
 If in city, give street and number _____

Locate well on plat of section.

2. Owner: Minnesota Valley Canning Co. Address _____
 Driller: _____ Address _____

3. Situation: Is well on upland, in valley, or on hillside? _____

4. Elevation of top of well: 764 ft. above the level of sea

5. Type of well: drilled (Above or below) _____ (Sea, depot, lake, or stream)
; kind of drilling rig used _____ (Solid tool, jetting, rotary, etc.)

6. Depth of well: 633 ft.; year in which well was finished _____

Does well enter rock? yes; if so, at what depth? 179 ft.; kind of rock sandstone and shale.

7. Diameter: At top _____ inches; at bottom _____ inches.

8. Principal water bed: sandstone

(Gravel, sand, clay, or rock. If rock, state kind)
Depth to principal water bed _____ ft.; thickness of bed _____ ft.

If other water supplies were found, give depth to each _____

9. Casings: Kind steel; size _____; length 174 ft.; between depths of _____ and _____ ft.

Kind _____; size _____; length _____ ft.; between depths of _____ and _____ ft.

Kind _____; size _____; length _____ ft.; between depths of _____ and _____ ft.

Packers (if any): Depth at which packers were used _____; kind _____

Screen or Strainer: Was well finished with screen? _____; kind of screen _____

length of screen _____ ft.; diameter _____ inches; size of openings _____

10. Head: Does well at present overflow without pumping? _____; did it overflow when new? _____

if flowing, give pressure _____ lb. per sq. inch; or height water will rise in a pipe _____ ft. above surface;

original pressure or head _____; if not flowing, give water level in well 0 ft. below surface.

11. Pump: Is the well pumped? yes; kind of pump _____

size or capacity of pump _____; kind of power _____

12. Yield: Natural flow at present (if any) _____ gallons per minute; original flow _____ gallons per minute;

well has been pumped at 120 gallons per minute continuously for _____ hours;

quantity of water ordinarily obtained from well _____ gallons per day.

13. Use: For what purpose is the water used? _____

14. Quality of the water: _____; is there an analysis? _____

(Hard or soft, fresh or salty, etc.)

Cost of well, not including pump: _____ Temperature of water _____ ° F.

Name of person filling blank _____

Date _____ Address _____

218262

LOG OF WELL

| KIND OF ROCK OR OTHER MATERIAL (Give color and tell whether hard or soft) | DEPTH, IN FEET | | THICKNESS, IN FEET | REMARKS (Especially information as to water found) |
|--|----------------|-----|-----------------------|---|
| | From— | To— | | |
| QFuu Sand and gravel SAND, G RLL | | 10 | 10 | |
| Hardpan H.P.N | | 70 | 30 | |
| QFuu Sand, gravel and boulders SAND, G BLD | | 99 | 29 | |
| Quuu Shale S.H.L.E | | 101 | 2 | |
| QF u Sand and gravel SAND, G RVL | | 179 | 78 | |
| CFRN Sandstone and shale SNDS, SHLE | T/606 | 184 | 5 | |
| CFRN Shale SHLE | T/601 | 289 | 105 | |
| CIGL Sandstone and shale SNDS, SHLE | T/496 | 384 | 95 | |
| CECR Shale SHLE | T/471 | 474 | 90 | |
| CDRE Sandstone and shale SNDS, SHLE | T/311 | 680 | 206 | |
| <p>Aquifer</p> <p>QBOW - C.M.T.S</p> | | | | |
| <p>218262</p> <p>Field checked</p> <p>112-20-25-CCDBDC</p> <p>ELEV 785'±5'</p> <p>L.P. SURVEY 74B</p> | | | | |
| <div style="border: 1px solid red; padding: 5px; width: fit-content;"> <p>LOCATED BY:</p> <p>1 - <input checked="" type="checkbox"/> Address Verification</p> <p>2 - <input type="checkbox"/> Name on Mailbox</p> <p>3 - <input type="checkbox"/> Lot Book</p> <p>4 - <input type="checkbox"/> Plat Book</p> <p>5 - <input type="checkbox"/> Info. From Owner</p> <p>6 - <input checked="" type="checkbox"/> Info. From Neighbor</p> <p>7 - <input type="checkbox"/> Other</p> <p><input type="checkbox"/> Can't Locate State Why</p> </div> | | | | |
| <p>Source of data: Print by Tolts, King, and Day, Inc., in files of Minnesota</p> <p>Geol. Survey.</p> | | | | |

WRD Exp. (GW)
April 1966

Well No.

112-26-25ccc25

WELL SCHEDULE

UN 218262 OK

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by D. M. BARON Source of data Minn. Bed Surv Date 21 OCT 69 Map 1:50,000 (1965) 7.5'

State 27 County Le Sueur (or town) 40

Latitude: 44 28 22 N Longitude: 09 35 42 2 Sequential number: 2

Lat-long accuracy: 10 T. 112 S, R 26 Sec 25, S 1/4, S 1/4, S 1/4

Local well number: 112N26W Other number: Well #2

Local use: _____ Owner or name: Minn. Valley Canning Co.

Owner or name: MINN VAL. CAN CO Address: _____

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

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Med, (P) Ind, (R) P S, Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other A

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (O) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed W

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

Hyd. lab. data: _____ 112-26-25ccdbdc

Qual. water data; type: Field Checked - See Back elev 795±5'

Freq. sampling: _____ Pumpage inventory: 74-B

Aperture cards: _____

Log data: Driller's Log

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 680 ft 3 accuracy

Depth cased: 174 ft Casing type: steel; Diam. _____ in

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

Date Drilled: _____ Pump intake setting: _____ ft

Driller: _____ name _____ address _____

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple (cent.), (M) multiple (turb.), (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other 39 Deep 40

Power (type): (nat) diesel, (elec) gas, (LP) gasoline, (hand) gas, (wind) H.P. 5 5 Trans. or meter no. 41

Descrip. MP _____ ft above LSD, Alt. MP _____ ft below LSD

Alt. LSD: 764 764 Accuracy: QUAD. 7.5' 17.5' CT. 3

Water Level: _____ ft above MP; _____ ft below LSD Accuracy: 0 D

Date meas: _____ Yield: _____ Method determined 41

Drawdown: 10 ft 10 Accuracy: _____ Pumping rate _____ hrs _____

QUALITY OF WATER DATA: Iron _____ ppm Sulfate _____ ppm Chloride _____ ppm Hard. _____ ppm

Sp. Conduct _____ Date sample _____

Taste, color, etc. _____

CODED

Well No. 112-26-25ccc25

Purchased PMJ