

**IOWA STATE DEPARTMENT OF HEALTH
DIVISION OF PUBLIC HEALTH ENGINEERING AND INDUSTRIAL HYGIENE**

GROUND WATER

Town Hawortha County Linn Date June 15 1951

WELL NO. 1 Active Standby Abandoned Replaced by No.

LOCATION: Street Emmons & Clark Sec. 32 T. North N.R. 7 East: West

Lot 2 Block Township

OWNERSHIP: Incorporation Quiditas Plat 281 Date Installed Oct 1948

CONTRACTOR Harold Stone Address Weswego

DATE RECONDITIONED 19 Contractor Address

CONSTRUCTION EMPLOYED: Drilled - casing cemented into well rock - six rocks of cement + seal

CURB ELEVATION REFERENCE

TYPE OF CONSTRUCTION Drilled Depth 230 ft. Diameter 6 in.

CASING: Material Steel Condition Excellent

SCREEN: Material Length ft. Diameter in. Slot Opening in.

WELL SEALED No How Approved

WELL VENTED Yes How Pipe out well casing Approved No

TYPE OF PUMP Submer Make F. H. Capacity 75 GPM Lubricated Yes

DEPTH TO CYLINDER ft. Tail Pipe ft.

PUMP CONTROL: Manual Automatic Semi-Automatic

STATIC LEVEL 75 3/4 ft. Pumping Level ft. Drawdown ft.

OPTIMUM SPECIFIC YIELD @ 22 GPM Drawdown Nil ft. Time 1/2 hrs.

RATE OF DRAWDOWN Rate of Recovery

TEMPERATURE OF WATER °F Where Measured Temp. of Atmosphere °F

DRAWDOWN GAUGE INSTALLED No

TOPOGRAPHICAL POSITION OF WELL High ground - good drainage

WELL SITE INVESTIGATED Yes Approved Yes Why not

WELL CONSTRUCTION REVIEWED Yes Approved No Why not no pedestal - next

PIT CONSTRUCTION: Purpose None Size and Description

CONDITION: Drainage Facilities

PUMP INSTALLATION: Approved No Why Not no pedestal

CUTTINGS FROM WELL PRESERVED: Yes Where 2 & 3

DEPTH TO BED ROCK 113 Depth to Water-bearing Stratum

SOURCE OF WATER: Principal Formation Other

| GEOLOGICAL DATA | | | CASING DATA | WELL DATA | |
|-----------------|---|--------|--|--|--|
| Formation | Material and distance from surface in ft. | Series | Position, kind and extent of casing, liners, shoes, etc. | Scale: Horizontal _____ Vertical _____ | Position of seals, screens, static level, etc. |

0-20 -
 Sand
 20-43
 Shell Rock
 43-78 -
 Solid Rock
 78-82 Soft
 Rock
 82-101 -
 yellow
 Rock
 101-103 -
 gray
 shale
 103-104
 Rock
 104-113 -
 shale
 113-116 -
 Rock
 116-168 -
 yellow
 Rock
 soft
 168-230
 Rock.

6" casing from
 0 - 120'

