

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

GROUND WATER

Town Camanche County Clinton Date Oct 9 19 41

WELL NO. 1 Active  Standby  Abandoned  Replaced by No.

LOCATION: Street Maple Sec. 27 T. 8.1 N.R. 6 East: West  
2nd park Block none Township Camanche

OWNERSHIP Town of Camanche Date Installed April 19 41

CONTRACTOR Dan Christensen\* Address Cedar Rapids

DATE RECONDITIONED 19 Contractor                      Address                     

CONSTRUCTION EMPLOYED: One drilled well. 252' of 10" casing  
175' of 8" casing. Casings overlap 10'; has a lead  
seal and 25' of concrete seal between casings

CURB ELEVATION 594 REFERENCE S S S

TYPE OF CONSTRUCTION Drilled well Depth 804 ft. Diameter 10 in.

CASING: Material Wrought steel Condition Good - just new

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

WELL SEALED yes How pump base tight Approved yes

WELL VENTED yes How pipe through pump base Approved yes

TYPE OF PUMP Turbine Make American Well Capacity 150 GPM Lubricated Water (?)

DEPTH TO CYLINDER 131 ft. Tail Pipe 10' (?) ft.

PUMP CONTROL: Manual  Automatic  Semi-Automatic

STATIC LEVEL 26 ft. Pumping Level 41 ft. Drawdown 15 ft.

OPTIMUM SPECIFIC YIELD                      GPM Drawdown 54 ft. Time 4 hr. 7 min. hrs.

RATE OF DRAWDOWN Rapid Rate of Recovery Rapid

TEMPERATURE OF WATER 55 °F Where Measured at pump Temp. of Atmosphere 60 °F

DRAWDOWN GAUGE INSTALLED yes

TOPOGRAPHICAL POSITION OF WELL on level ground

WELL SITE INVESTIGATED yes Approved yes Why not                     

WELL CONSTRUCTION REVIEWED yes Approved yes Why not                     

PIT CONSTRUCTION: Purpose none Size and Description                     

CONDITION:                      Drainage Facilities                     

PUMP INSTALLATION: Approved yes Why Not                     

CUTTINGS FROM WELL PRESERVED: yes Where S S S

DEPTH TO BED ROCK 252' Depth to Water-bearing Stratum 744

SOURCE OF WATER: Principal Formation S S S peter Other

DATE RECONDITIONED..... 19..... Contractor..... Address.....

CONSTRUCTION EMPLOYED: One drilled well 252' of 10" casing  
175' of 8" casing. Casings overlap 10'; has a lead  
seal and 2.5' of concrete seal between casings

CURB ELEVATION 594 REFERENCE S S S

TYPE OF CONSTRUCTION Drilled well Depth 804 ft. Diameter 10 in.

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

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CONDITION:..... Drainage Facilities.....

PUMP INSTALLATION: Approved yes Why Not

CUTTINGS FROM WELL PRESERVED: yes Where S S S

DEPTH TO BED ROCK 252' Depth to Water-bearing Stratum 744

SOURCE OF WATER: Principal Formation S S S peter Other

Total Hardness 202 ppm. Total Iron 1.7 ppm. Sulfates 333 ppm. Fluorine Tr. ppm.

Manganese Tr. ppm. pH 7.4 CO<sub>2</sub> ppm.

REMARKS: \* Christensen sub-let well drilling to Wang Holen

GEOLOGICAL DATA			CASING DATA	WELL DATA	
Formation	Material and distance from surface in ft.	Series	Position, kind and extent of casing, liners, shoes, etc.	Scales: Horizontal <u>1"</u> Vertical <u>10'</u>	Position of seals, screens, static level, etc.



