

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

GROUND WATER

Town Onawa County Monona Date October 1964
WELL NO. 6 Active ☒ Standby ☐ Abandoned ☐ Replaced by No.
LOCATION: Street 130' ssw of intersection Sec. T. N.R. East: West
Pearle & 8th Streets Lot Block Township
OWNERSHIP Municipal Date Installed 19 64
CONTRACTOR Layne Western Address Omaha, Nebr.
DATE RECONDITIONED 19 Contractor Address
CONSTRUCTION EMPLOYED:

CURB ELEVATION REFERENCE
TYPE OF CONSTRUCTION Drilled gravel packed Depth 112 ft. Diameter 16 in.
CASING: Material Steel Condition
SCREEN: Material Bronze Length 30 ft. Diameter 16 in. Slot Opening 1/4 in.
WELL SEALED yes How Approved ☒
WELL VENTED yes How Approved
TYPE OF PUMP turbine Make Layne Capacity 520 GPM Lubricated water
DEPTH TO CYLINDER ft. Tail Pipe ft.
PUMP CONTROL: Manual Automatic ☒ Semi-Automatic
STATIC LEVEL 12 ft. Pumping Level 17 ft. Drawdown 5 ft.
OPTIMUM SPECIFIC YIELD GPM Drawdown ft. Time hrs.
RATE OF DRAWDOWN Rate of Recovery Full in 5 minutes
TEMPERATURE OF WATER 54 °F Where Measured Temp. of Atmosphere °F
DRAWDOWN GAUGE INSTALLED
TOPOGRAPHICAL POSITION OF WELL good
WELL SITE INVESTIGATED yes Approved ☒ Why not
WELL CONSTRUCTION REVIEWED yes Approved ☒ Why not
PIT CONSTRUCTION: Purpose Size and Description

CONDITION: Drainage Facilities
PUMP INSTALLATION: Approved Why Not
CUTTINGS FROM WELL PRESERVED: yes Where
DEPTH TO BED ROCK Depth to Water-bearing Stratum
SOURCE OF WATER: Principal Formation Other

Total Hardness ppm. Total Iron ppm. Sulfates ppm. Fluorine ppm.
Manganese ppm. pH CO₂ ppm.
REMARKS:

GEOLOGICAL DATA			CASING DATA	WELL DATA	
Formation	Material and distance from surface in ft.	ft.	Position, kind and extent of casing, liners, shoes, etc.	Scale: Horizontal $\frac{1}{4}"$ Vertical $1'$	Position of seals, screens, static level, etc.

		0
	black soil	5
	gray clay	16
	blue clay	31
	fine sand	46
	fine sand & some gravel	50
blue clay	gravel & coarse sand	51
		65
blue clay		66
	gravel & coarse & fine sand	
		102
	gravel & boulders	113

