

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

GROUND WATER

Town Malvern County Mills Date Feb. 11 1922
WELL NO. 1 (East) Active ☒ Standby ☐ Abandoned ☐ Replaced by No.
LOCATION: Street County Rd. V Sec. T. N.R. East: West
At treatment plant Lot Block Township
OWNERSHIP Municipal Date Installed 19.33
CONTRACTOR Thorpe Bros. Well Co. Address Des Moines
DATE RECONDITIONED 19 Contractor Address
CONSTRUCTION EMPLOYED: Gravel pack - 4 side holes 60" hole

CURB ELEVATION 1000' REFERENCE Wabash RR.
TYPE OF CONSTRUCTION Gravel pack Depth 39 ft. Diameter 12 in.
CASING: Material Cast Iron Condition Good
SCREEN: Material Copper Length 13 ft. Diameter 12 in. Slot Opening 3/8 in.
WELL SEALED Yes How Concrete around casing Approved
WELL VENTED No How Approved
TYPE OF PUMP Turbine Make Pomona Capacity 80 GPM Lubricated Water
DEPTH TO CYLINDER 27 ft. Tail Pipe 4.5 ft.
PUMP CONTROL: Manual Yes Automatic Yes Semi-Automatic
STATIC LEVEL 25 ft. Pumping Level 15 ft. Drawdown 10 ft.
OPTIMUM SPECIFIC YIELD 60 GPM Drawdown 10 ft. Time hrs.
RATE OF DRAWDOWN Rapid Rate of Recovery Rapid
TEMPERATURE OF WATER 50 °F Where Measured At Well Temp. of Atmosphere °F
DRAWDOWN GAUGE INSTALLED Yes
TOPOGRAPHICAL POSITION OF WELL Low land
WELL SITE INVESTIGATED Yes Approved Yes Why not
WELL CONSTRUCTION REVIEWED Approved Why not
PIT CONSTRUCTION: Purpose Size and Description

CONDITION: Drainage Facilities
PUMP INSTALLATION: Approved Yes Why Not
CUTTINGS FROM WELL PRESERVED: ? 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:

