

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

GROUND WATER

Town Malvern County Mills Date Feb 11 1942
WELL NO. 3 (North) Active No power yet. Will be active Standby Abandoned Replaced by No.
LOCATION: Street 1000 ft N. of plant Sec. T. N.R. East: West
Lot Block Township
OWNERSHIP Municipal Date Installed April 11 1941
CONTRACTOR Thorpe Address Des Moines
DATE RECONDITIONED 19 Contractor Address
CONSTRUCTION EMPLOYED: Gravel pack - 4 side holes 7 1/2" hole

CURB ELEVATION 1004 REFERENCE Wobash RR
TYPE OF CONSTRUCTION Gravel pack Depth 42 ft. Diameter 16 in.
CASING: Material Cast Iron Condition New
SCREEN: Material Bronze Length 12 ft. Diameter 16 in. Slot Opening in.
WELL SEALED Yes How Concrete around casing Approved
WELL VENTED No How Approved
TYPE OF PUMP Turbine Make Pomona Capacity 75 GPM Lubricated Water
DEPTH TO CYLINDER 29 ft. Tail Pipe 4 1/2 ft.
PUMP CONTROL: Manual Yes Automatic Yes Semi-Automatic
STATIC LEVEL 24 ft. Pumping Level 10 ft. Drawdown 14 ft.
OPTIMUM SPECIFIC YIELD 50 GPM Drawdown 14 ft. Time hrs.
RATE OF DRAWDOWN Rate of Recovery
TEMPERATURE OF WATER °F Where Measured 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 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:

1240

