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

GROUND WATER

Town Malvern County Mills Date Feb. 11 19 42

WELL NO. 2 (West) Active ✓ Standby Abandoned Replaced by No.

LOCATION: Street County Rd. V 150' West of plant Sec. T. N.R. East: West

Lot Block Township

OWNERSHIP Municipal Date Installed 19 33

CONTRACTOR Thorpe Address

DATE RECONDITIONED 19 Contractor Address

CONSTRUCTION EMPLOYED: Double pack, gravel pack, 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 GPM Lubricated Water

DEPTH TO CYLINDER 27 ft. Tail Pipe 4.5 ft.

PUMP CONTROL: Manual Yes Automatic Yes Semi-Automatic

STATIC LEVEL 18 ft. Pumping Level 7 ft. Drawdown 11 ft.

OPTIMUM SPECIFIC YIELD 38 GPM Drawdown 11 ft. Time hrs.

RATE OF DRAWDOWN Rapid Rate of Recovery Rapid

TEMPERATURE OF WATER 50° °F Where Measured Temp. of Atmosphere °F

DRAWDOWN GAUGE INSTALLED Yes

TOPOGRAPHICAL POSITION OF WELL Low land

WELL SITE INVESTIGATED Approved 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 CO_2 ppm.

REMARKS:

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.
	16' Clay 2' Sandy 2' Dirty Sand 2' Fine Sand with drift 8' Good sand 5' Drift shale