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

GROUND WATER

Town Remsen County Plymouth Date October 29 19 46

WELL NO. 2 Active Yes Standby ... Abandoned ... Replaced by No. ...

LOCATION: Street located approx. 260 feet south of Well No. 1 Sec. ... T ... N.R. ... East: West
Lot ... Block ... Township ...

OWNERSHIP Municipal Date Installed ... 19 40

CONTRACTOR Gus Peak Foundry Address La Mars

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

CONSTRUCTION EMPLOYED: ...

CURB ELEVATION 1302 REFERENCE Sea Level

TYPE OF CONSTRUCTION Gravel Pack Depth 37 ft. Diameter 16 in.

CASING: Material Steel Condition Good

SCREEN: Material Johnson, Everdur Length 10 ft. Diameter 16 in. Slot Opening 125 in.

WELL SEALED Yes How Pump sealed to casing Approved Yes

WELL VENTED Yes How 3/4" pipe through base Approved ...

TYPE OF PUMP Turbine Make Fairbank-Morse Capacity 100 100 GPM Lubricated water

DEPTH TO CYLINDER 35 ft. Tail Pipe 18" ft.

PUMP CONTROL: Manual Yes Automatic ... Semi-Automatic ...

STATIC LEVEL 23 ft. Pumping Level Ave. 10 ft. Drawdown 13 ft.

OPTIMUM SPECIFIC YIELD 75 GPM Drawdown 10 ft. Time 12 hrs.

RATE OF DRAWDOWN ... Rate of Recovery 2 Hours

TEMPERATURE OF WATER 50 °F Where Measured Discharge Temp. of Atmosphere 80 °F

DRAWDOWN GAUGE INSTALLED Yes

TOPOGRAPHICAL POSITION OF WELL Level River bottom land.

WELL SITE INVESTIGATED Yes Approved Yes Why not ...

WELL CONSTRUCTION REVIEWED Yes Approved Yes Why not ...

PIT CONSTRUCTION: Purpose No Size and Description ...

CONDITION: ... Drainage Facilities ...

PUMP INSTALLATION: Approved Yes Why Not ...

CUTTINGS FROM WELL PRESERVED: No Where ...

DEPTH TO BED ROCK Unknown Depth to Water-bearing Stratum 27' ...

SOURCE OF WATER: Principal Formation Gravel 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.

