

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

GROUND WATER

Town Clutier County Tama Date May 17 1957

WELL NO. 1 Active ☒ Standby ☐ Abandoned ☐ Replaced by No. _____

LOCATION: Street 10'-15' East of E.S.T. Sec. T N.R. _____ East: West _____

Lot _____ Block _____ Township _____

OWNERSHIP Municipal Date Installed December 1955

CONTRACTOR Hoeg & Ames, Inc. Address Lincoln, Iowa

DATE RECONDITIONED: 19____ Contractor _____ Address _____

CONSTRUCTION EMPLOYED: Drilled and cased with 8" steel casing

CURB ELEVATION _____ REFERENCE _____

TYPE OF CONSTRUCTION Drilled Depth 290 ft. Diameter 8" in.

CASING: Material Steel Condition Good

SCREEN: Material _____ Length _____ ft. Diameter _____ in. Slot Opening _____ in.

WELL SEALED Yes How 25' Cement Grout between 8" and 12" Casing Approved Yes

WELL VENTED _____ How _____ Approved _____

TYPE OF PUMP _____ Make _____ Capacity _____ GPM Lubricated _____

DEPTH TO CYLINDER _____ ft. Tail Pipe _____ ft.

PUMP CONTROL: Manual _____ Automatic _____ Semi-Automatic _____

STATIC LEVEL 40 ft. Pumping Level 50 ft. Drawdown 10 ft.

OPTIMUM SPECIFIC YIELD 140 GPM Drawdown _____ ft. Time _____ hrs.

RATE OF DRAWDOWN 10' / hr. Rate of Recovery 10' in one Minute

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

DRAWDOWN GAUGE INSTALLED _____

TOPOGRAPHICAL POSITION OF WELL Highest Elevation in town - Under E.S.T.

WELL SITE INVESTIGATED Yes Approved Yes Why not _____

WELL CONSTRUCTION REVIEWED No Approved Yes Why not _____

PIT CONSTRUCTION: Purpose _____ Size and Description _____

CONDITION: _____ Drainage Facilities _____

PUMP INSTALLATION: Approved _____ Why Not _____

CUTTINGS FROM WELL PRESERVED: Yes Where Geological Survey

DEPTH TO BED ROCK 265'-5" Depth to Water-bearing Stratum 260'

SOURCE OF WATER: Principal Formation Limestone Other _____

Total Hardness 833 ppm. Total Iron _____ ppm. Sulfates 918 ppm. Fluorine 0.45 ppm.

Manganese 0.45 ppm. pH _____ CO₂ _____ ppm.

REMARKS: _____

