

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

GROUND WATER

Town EMERSON County Hills Date April 20 19 44
 WELL NO. 1 Active Standby Abandoned Replaced by No. _____
 LOCATION: Street _____ Sec. _____ T. _____ N.E. _____ East: West _____
 Lot _____ Block _____ Township _____
 OWNERSHIP Municipal Date Installed Sept. 19 32
 CONTRACTOR Thorpe Bros. Address Des Moines
 DATE RECONDITIONED _____ 19 _____ Contractor _____ Address _____
 CONSTRUCTION EMPLOYED: 16" gravel pack
18' of 8" pipe above screen

CURB ELEVATION _____ REFERENCE _____
 TYPE OF CONSTRUCTION Gravel packed well Depth 87 ft. Diameter _____ in.
 CASING: Material _____ Condition _____
 SCREEN: Material Thorpe Length 10 ft. Diameter 8 in. Slot Opening _____ in.
 WELL SEALED _____ How _____ Approved _____
 WELL VENTED Yes How _____ Approved _____
 TYPE OF PUMP Turbine Make Pomona Capacity _____ GPM Lubricated _____
 DEPTH TO CYLINDER _____ ft. Tail Pipe _____ ft.
 PUMP CONTROL: Manual _____ Automatic _____ Semi-Automatic _____
 STATIC LEVEL 30 ft. Pumping Level 40 ft. Drawdown 10 (1932) ft.
 OPTIMUM SPECIFIC YIELD _____ GPM Drawdown _____ ft. Time _____ hrs.
 RATE OF DRAWDOWN _____ Rate of Recovery _____
 TEMPERATURE OF WATER _____ °F Where Measured _____ Temp. of Atmosphere _____ °F
 DRAWDOWN GAUGE INSTALLED _____
 TOPOGRAPHICAL POSITION OF WELL _____
 WELL SITE INVESTIGATED _____ Approved _____ 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 273 ppm. Total Iron 0.1 ppm. Sulfates 7.3 ppm. Fluorine 1.0 ppm.
 Manganese Tr. ppm. pH 7.2 CO₂ _____ ppm.

REMARKS: _____

