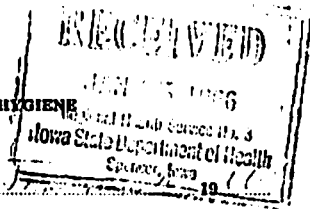


IOWA STATE DEPARTMENT OF HEALTH
 DIVISION OF PUBLIC HEALTH ENGINEERING AND INDUSTRIAL HYGIENE



GROUND WATER

Town W. 15-11 County Wapello Date _____
 WELL NO. 1 Active Standby _____ Abandoned _____ Replaced by No. _____
 LOCATION: Street North Central Sec. 20 T. 92 N.R. 11 East: West _____
 Lot _____ Block _____ Township 11-11-11
 OWNERSHIP W. 15-11 Date Installed July 19, 1962
 CONTRACTOR W. 15-11 Address Wapello City, Iowa
 DATE RECONDITIONED _____ 19____ Contractor _____ Address _____
 CONSTRUCTION EMPLOYED: _____

CURB ELEVATION _____ REFERENCE _____
 TYPE OF CONSTRUCTION Drilled Depth 71 ft. Diameter 10 in.
 CASING: Material 3/8" WALL STEEL Condition New
 SCREEN: Material EUREKA Length 6" ft. Diameter 10" in. Slot Opening 1/8 in.
 WELL SEALED Yes How Concrete down to 15' Approved _____
 WELL VENTED Yes How 1/2" turned 1 1/2 STD Breatler Approved _____
 TYPE OF PUMP Turbo Make Floway Capacity 60 GPM Lubricated Water
 DEPTH TO CYLINDER 30 ft. Tail Pipe None ft.
 PUMP CONTROL: Manual _____ Automatic Semi-Automatic _____
 STATIC LEVEL 12 ft. Pumping Level 18' 6" ft. Drawdown 6' 6" ft.
 OPTIMUM SPECIFIC YIELD 200 GPM Drawdown 6' 6" ft. Time 12 hrs.
 RATE OF DRAWDOWN 3 hrs to Run Max Rate of Recovery Instant
 TEMPERATURE OF WATER 50 °F Where Measured Surface Top Temp. of Atmosphere _____ °F
 DRAWDOWN GAUGE INSTALLED No

TOPOGRAPHICAL POSITION OF WELL _____
 WELL SITE INVESTIGATED Yes Approved Yes Why not _____
 WELL CONSTRUCTION REVIEWED Yes Approved Yes Why not _____
 PIT CONSTRUCTION: Purpose _____ Size and Description _____

CONDITION: _____ Drainage Facilities _____
 PUMP INSTALLATION: Approved Yes Why Not _____
 CUTTINGS FROM WELL PRESERVED: yes Where Iowa Geo. Survey
 DEPTH TO BED ROCK Did not get to it Depth to Water-bearing Stratum 12 FT
 SOURCE OF WATER: Principal Formation Med to coarse sand & gravel Other _____

Total Hardness 413 ppm. Total Iron 0.1 ppm. Sulfates 96 ppm. Fluorine 0 ppm.
 Manganese 0.11 ppm. pH 7.4 CO₂ 32 ppm.

REMARKS: THE WELL WAS A 40" DIA DRILL HOLE TO THE FULL DEPTH.

Initial Copy sent to Des Moines. 7/1/66

GEOLOGICAL DATA			CASING DATA		WELL DATA	
Formation	Material and distance from surface in ft.	Section	Position, kind and extent of casing, liners, shoes, etc.		Scales: Horizontal _____ Vertical _____	Position of seals, screens, static level, etc.

