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

GROUND WATER

Town Camberland County Cass Date May 26 1943

WELL NO. Active New Standby Abandoned Replaced by No.

LOCATION: Street 4 blks NE of school Sec. T. N.R. East: West

Lot Block Township

OWNERSHIP Municipal Date Drilled - Dec. 28 - Jan. 14 Date Installed May 25 1943

CONTRACTOR C.C. Rasmassen Address Ida Grove, Iowa

DATE RECONDITIONED 19 Contractor Address

CONSTRUCTION EMPLOYED: Drilled well - 8" casing - 19' open hole in sandstone; no screen or perforated casing. (Cost $1005) (Test hole by another driller cost $75)

CURB ELEVATION REFERENCE Rock Island

TYPE OF CONSTRUCTION Drilled Depth 219 ft. Diameter 8 in.

CASING: Material Standard Wrought Condition New

SCREEN: Material Open hole Length 19' ft. Diameter in. Slot Opening in.

WELL SEALED Yes How Concrete around casing at top Approved Yes

WELL VENTED Yes How 1¼" pipe into pump base Approved Yes

TYPE OF PUMP Turbine Make Deming Capacity 100 GPM Lubricated Water
15 H.P. 0.5 Motor 1800 rpm

DEPTH TO CYLINDER 175' ft. Tail Pipe ft.

PUMP CONTROL: Manual Yes Automatic Semi-Automatic

STATIC LEVEL 120 ft. Pumping Level Not Known ft. Drawdown Not Known ft.

OPTIMUM SPECIFIC YIELD GPM Drawdown ft. Time hrs.

RATE OF DRAWDOWN Rate of Recovery Rapid

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

DRAWDOWN GAUGE INSTALLED No

TOPOGRAPHICAL POSITION OF WELL Top of high hill - excellent drainage

WELL SITE INVESTIGATED Yes Approved Yes Why not

WELL CONSTRUCTION REVIEWED Yes Approved Yes Why not

PIT CONSTRUCTION: Purpose None Size and Description

CONDITION: Drainage Facilities

PUMP INSTALLATION: Approved Yes Why Not

CUTTINGS FROM WELL PRESERVED: Yes Where Geological survey

DEPTH TO BED ROCK 200' Depth to Water-bearing Stratum 200

SOURCE OF WATER: Principal Formation Dakota Sandstone Other

Soap
Total Hardness 270 ppm. Total Iron 0.1 ppm. Sulfates ppm. Fluorine 0.5 ppm.

Manganese ppm. pH 7.2 CO_2 Small ppm.

REMARKS: First pumping brought a quantity of fine sand which well driller thought might continue for 3 or 4 weeks

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 1 div = 1" Vertical 1 div = 5'	Position of seals, screens, static level, etc.

