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

GROUND WATER

Town Mondamin County Harrison Date Jan. 12 19 52

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

LOCATION: Street Sec. 25 T. N.R. East: West

Lot Block Township Morgan

OWNERSHIP Municipal Date Installed Nov. 29, 19 51

CONTRACTOR Layne Western Company Address 4430 Commercial Ave., Omaha, Nebr.

DATE RECONDITIONED 19 Contractor Address

CONSTRUCTION EMPLOYED: Reverse hydraulic

20 ft. of clay pack

CURB ELEVATION REFERENCE Gravel 70 ft.

TYPE OF CONSTRUCTION Gravel Pack Depth 90 ft. Diameter 8 in.

CASING: Material 8" steel pipe Condition New

SCREEN: Material Everdur Bronze Length 10 ft. Diameter 8 in. Slot Opening #5 ~~mm~~

WELL SEALED Yes How Clay - Puddled Approved

WELL VENTED Yes How Pipe in pump base Approved Yes

TYPE OF PUMP V. Turbine Make Pomona Capacity 65 GPM Lubricated Water

DEPTH TO CYLINDER 40 ft. Tail Pipe 10 ft.

PUMP CONTROL: Manual X Automatic Semi-Automatic

STATIC LEVEL 6'6" ft. Pumping Level 8'-6" ft. Drawdown 2 ft.

OPTIMUM SPECIFIC YIELD 300 GPM Drawdown 10 ft. Time 1 hrs.

RATE OF DRAWDOWN Rate of Recovery 6' - 8" in 5 min.

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

DRAWDOWN GAUGE INSTALLED No

TOPOGRAPHICAL POSITION OF WELL Flat

WELL SITE INVESTIGATED Yes Approved Yes Why not

WELL CONSTRUCTION REVIEWED No Approved Why not

PIT CONSTRUCTION: Purpose None Size and Description

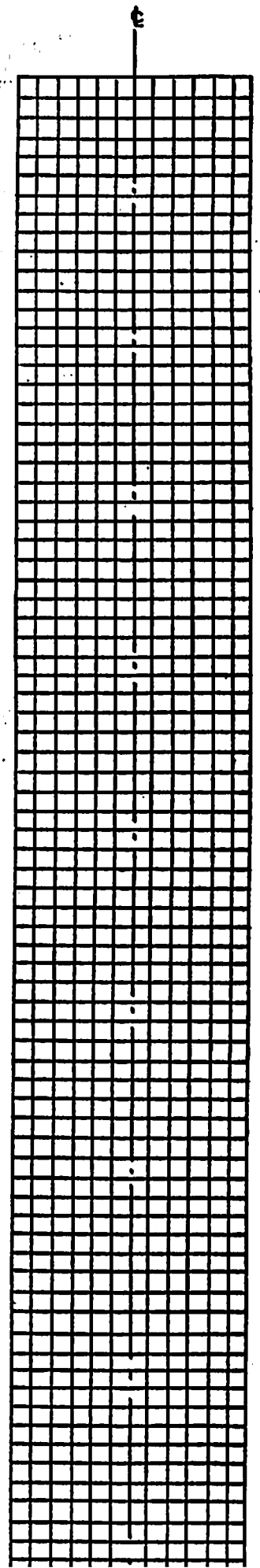
CONDITION: Drainage Facilities Fair

PUMP INSTALLATION: Approved Yes Why Not

CUTTINGS FROM WELL PRESERVED: No Where

DEPTH TO BED ROCK 91' Depth to Water-bearing Stratum 40'

SOURCE OF WATER: Principal Formation Sand & Gravel Other

Alluvial

Formation	Material and distance from surface in ft.	Series	Position, kind and extent of casing, liners, shoes, etc.	Horizontal ..... Vertical	Position of seals, screens, static level, etc.
Formation					
0 - 38 Clay					
38 - 51 Fine Sand					
51 - 55 Medium Sand					
55 - 68 Fine Sand					
68 - 71 Coarse Sand					
71 - 81 Coarse & Fine Sand					
81 - 90 Coarse Sand, Gravel & Boulders