DIVISION OF PUBLIC HEALTH ENGINEERING AND INDUSTRIAL HYGIENE

GROUND WATER

Town Toledo County Tama Date January 3 19 52

WELL NO. 3 Active X Standby Abandoned Replaced by No.

LOCATION: Street None Sec. 16 T 83 N.R. 15 ~~E~~ W West

Lot Block Township Toledo

OWNERSHIP Toledo Date Installed May 1-12 19 50

CONTRACTOR Layne-Western Address Ames

DATE RECONDITIONED 19 Contractor Address

CONSTRUCTION EMPLOYED:

CURB ELEVATION REFERENCE

TYPE OF CONSTRUCTION Gravel Packed Depth 72 ft. Diameter 12 in.

CASING: Material Condition Satisfactory

SCREEN: Material Length 10 ft. Diameter 12 in. Slot Opening in.

WELL SEALED Yes How Pump base tight Approved Yes

WELL VENTED Yes How Turned down screened pipe Approved Yes

TYPE OF PUMP Turbine Make Fairbanks-Morse Capacity 104 GPM Lubricated Water

DEPTH TO CYLINDER ft. Tail Pipe ft.

PUMP CONTROL: Manual Automatic X Semi-Automatic

STATIC LEVEL 6 ft. Pumping Level ft. Drawdown ft.

OPTIMUM SPECIFIC YIELD GPM Drawdown ft. Time hrs.

RATE OF DRAWDOWN Slow Rate of Recovery Average

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

DRAWDOWN GAUGE INSTALLED No

TOPOGRAPHICAL POSITION OF WELL Level ground

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 I.G.S.

DEPTH TO BED ROCK Depth to Water-bearing Stratum

SOURCE OF WATER: Principal Formation Sand Other

Total Hardness ppm. Total Iron ppm. Sulfates ppm. Fluorine ppm.

Manganese ppm. pH CO₂ ppm.

REMARKS:

GEOLOGICAL DATA			CASING DATA	WELL DATA	
Formation	Material and distance from surface in ft.		Position, kind and extent of casing, liners, shoes, etc.	Scale: Horizontal 1" = 1' Vertical 1" = 1'	Position of seals, screens, static level, etc.

0
Road fill gravel & yellow clay
2
Black soil
9
Clay
12
Gray sea mud
16
17 Sand & drift wood
Very coarse sand & gravel, small boulders
23
Blue clay
27
28 Brown sea mud
Gray clay
30
Gray coarse sand & gravel, small boulders
42

Casing app. 6' above ground elev.

10'
12'
3'
10'
5'

screen
gravel pack
screen