DIVISION OF PUBLIC HEALTH ENGINEERING AND INDUSTRIAL HYGIENE

GROUND WATER

Town Gladbrook (gravel packed) County Tama Date July 17 19 53

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

LOCATION: Street 230' E. of Filter Plant Sec. T. N.R. East: West

Lot Block Township

OWNERSHIP Town of Gladbrook Date Installed July 3 19 53

CONTRACTOR Thorpe Address Des Moines

DATE RECONDITIONED 19 Contractor Address

CONSTRUCTION EMPLOYED: 52' gravel pack

CURB ELEVATION REFERENCE

TYPE OF CONSTRUCTION Gravel Pack Depth 52 ft. Diameter 16 in.

CASING: Material Steel Condition

SCREEN: Material Thorpe Everdur Length 15 ft. Diameter 15 in. Slot Opening in.

WELL SEALED How Approved

WELL VENTED Yes How Approved

TYPE OF PUMP Make Fairbanks Morse Capacity 200 GPM Lubricated Water

DEPTH TO CYLINDER 21 ft. Tail Pipe None ft.

PUMP CONTROL: Manual Automatic V Semi-Automatic

STATIC LEVEL 14 ft. Pumping Level 16 ft. Drawdown 2 ft.

OPTIMUM SPECIFIC YIELD GPM Drawdown ft. Time hrs.

RATE OF DRAWDOWN 4½' @ 130 GPM. Rate of Recovery Fast - few minutes

TEMPERATURE OF WATER 52 °F Where Measured Temp. of Atmosphere °F

DRAWDOWN GAUGE INSTALLED Yes

TOPOGRAPHICAL POSITION OF WELL Flat Area

WELL SITE INVESTIGATED Approved Why not

WELL CONSTRUCTION REVIEWED Approved Why not

PIT CONSTRUCTION: Purpose None 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 ppm. Total Iron ppm. Sulfates ppm. Chlorine ppm.

Manganese ppm. pH CO₂ ppm.

REMARKS:

39' of 12" pipe (2' above ground)
15' of Screen

Questionable

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 ____ Vertical ____	Position of water, cavings, static level, etc.

0 - 2 1/2
Top Soil
2 1/2 - 7
Sandy Yellow clay
7 - 8
Coarse gravel
8 - 10
Sandy black clay & boulders
10 - 12
Yellow sand boulders
12 - 13 1/2
Yellow sand
13 1/2 - 16
Coarse gravel
16 - 24
Brown sand
24 - 30
Sandy brown clay
30 - 35
brown clay Traces - blue clay - fine gravel
35 - 51
Gravel & boulders
51 - 55
Blue clay

