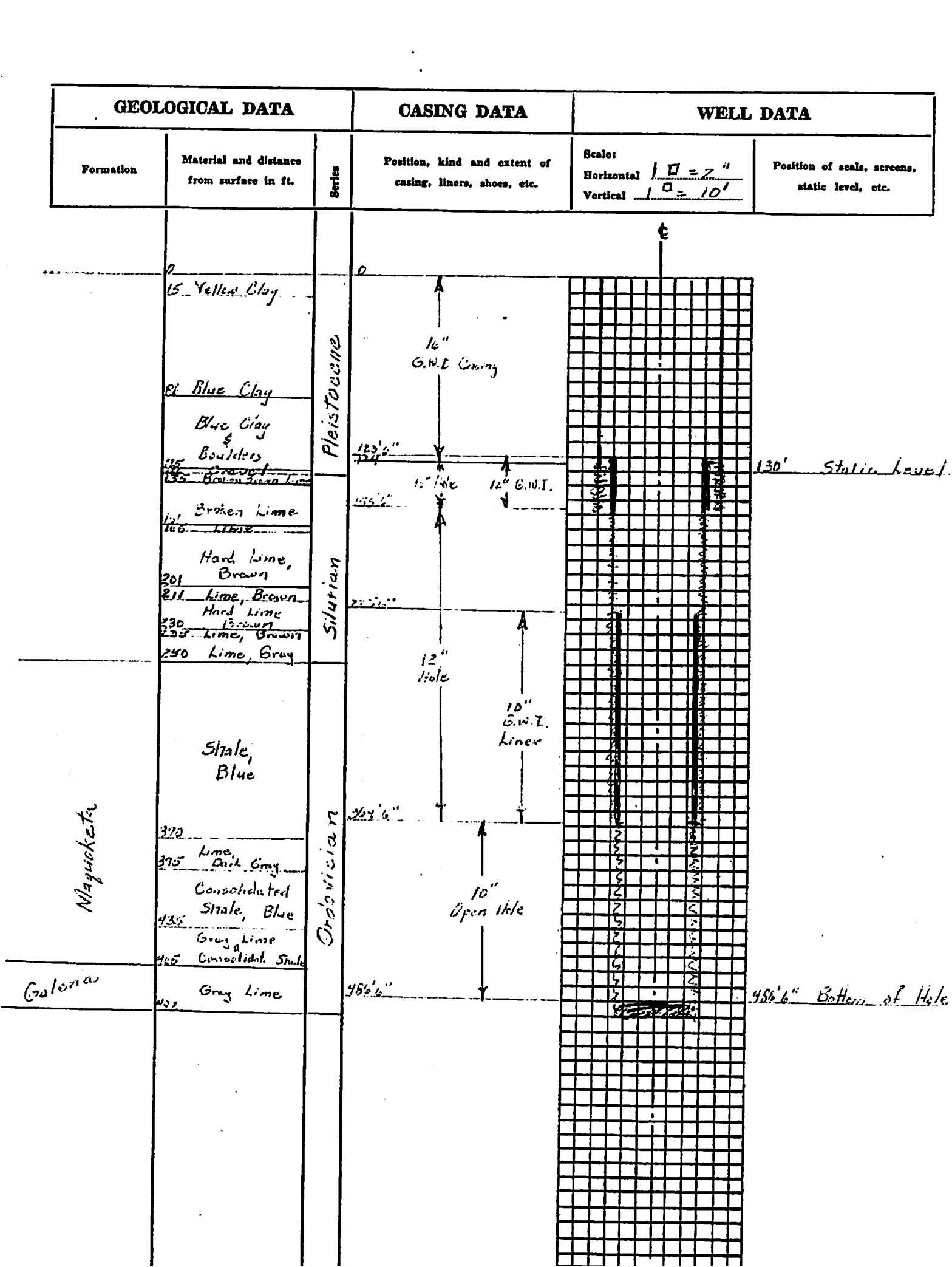
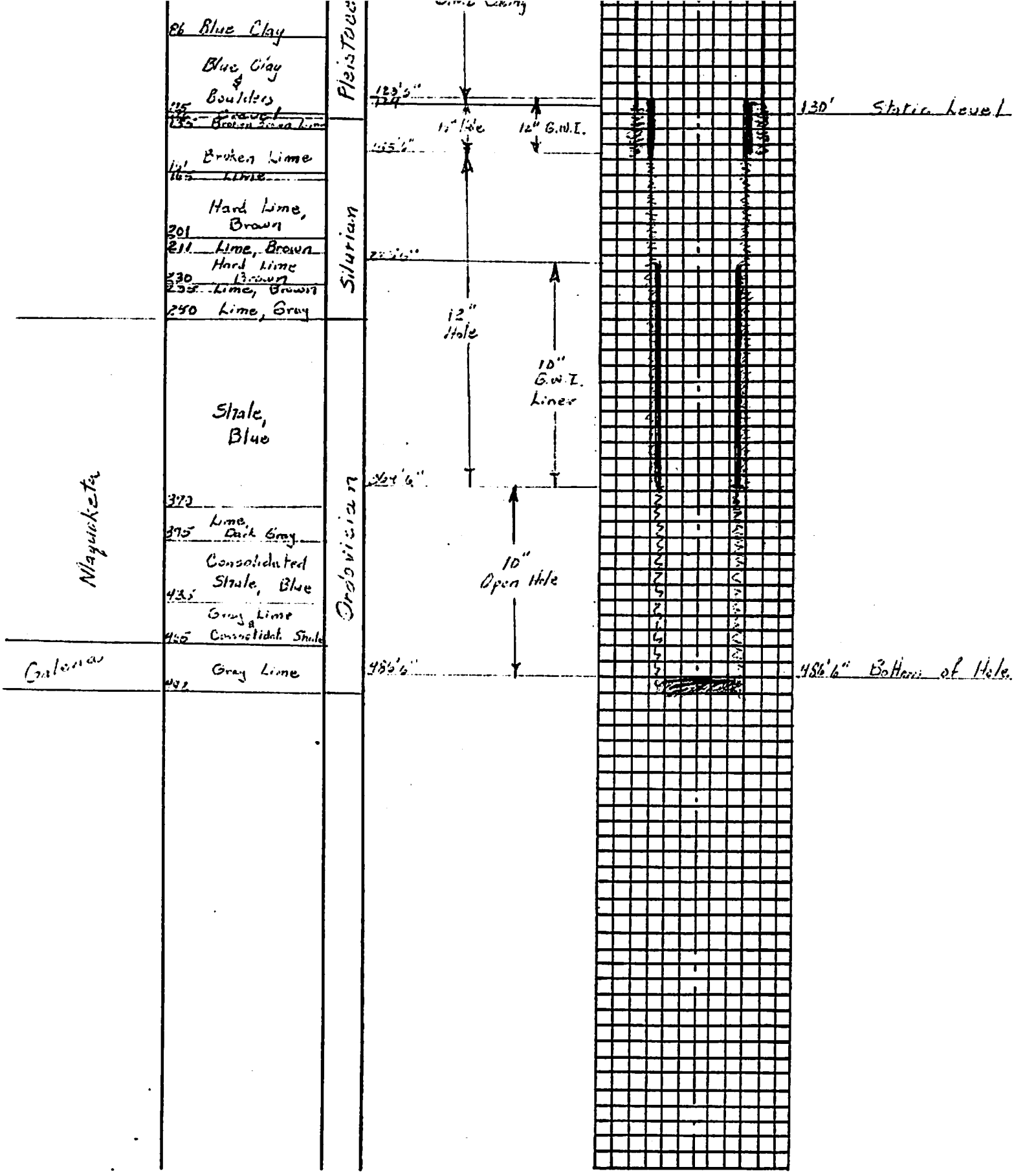
GEOLOGICAL DATA			CASING DATA	WELL DATA	
Formation	Material and distance from surface in ft.	Series	Position, kind and extent of casing, liners, shoes, etc.	Scale: Horizontal 1 0 = 2 " Vertical 1 0 = 10'	Position of seals, screens, static level, etc.





Above information from sketch in Town's file. Town's sketch prepared by Varner.

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

GROUND WATER

Town Strawberry Point County Clayton Date December 22 1940

WELL NO. 4 Active ____ Standby X ✓ Abandoned X ✓ Replaced by No. ____

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

Lot ____ Block ____ Township ____

OWNERSHIP Municipal Date Installed 1935

CONTRACTOR Vacuum Well Drilling Co. Address Dubuque, Iowa

DATE RECONDITIONED ____ 19____ Contractor ____ Address ____

CONSTRUCTION EMPLOYED: ____

CURB ELEVATION 1213 REFERENCE Sea Level

TYPE OF CONSTRUCTION Drilled Well Depth 486'6" ft. Diameter Top 16 in.

CASING: Material Wrought Iron Condition ____

SCREEN: Material ____ Length ____ ft. Diameter ____ in. Slot Opening ____ in.

WELL SEALED ____ How ____ Approved ____

WELL VENTED ____ How ____ Approved ____

TYPE OF PUMP ____ Make ____ Capacity ____ GPM Lubricated ____

DEPTH TO CYLINDER ____ ft. Tail Pipe ____ ft.

PUMP CONTROL: Manual ____ Automatic ____ Semi-Automatic ____

STATIC LEVEL 130 ft. Pumping Level ____ ft. Drawdown ____ ft.

OPTIMUM SPECIFIC YIELD 400 GPM Drawdown 229 ft. Time ____ hrs.

RATE OF DRAWDOWN ____ Rate of Recovery ____

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

DRAWDOWN GAUGE INSTALLED ____

TOPOGRAPHICAL POSITION OF WELL Elevated

WELL SITE INVESTIGATED ____ Approved ____ Why not ____

WELL CONSTRUCTION REVIEWED ____ Approved ____ Why not ____

PIT CONSTRUCTION: Purpose ____ Size and Description ____

CONDITION: ____ Drainage Facilities ____

PUMP INSTALLATION: Approved ____ 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 ____ Other ____

DATE RECONDITIONED..... 19..... Contractor..... Address.....

CONSTRUCTION EMPLOYED: .....

.....

.....

CURB ELEVATION 1213 REFERENCE Sea Level

TYPE OF CONSTRUCTION Drilled Well Depth 484'6" ft. Diameter Top 16 in.

CASING: Material Wrought Iron Condition.....

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

WELL SEALED..... How..... Approved.....

WELL VENTED..... How..... Approved.....

TYPE OF PUMP..... Make..... Capacity.....GPM Lubricated.....

DEPTH TO CYLINDER.....ft. Tail Pipe.....ft.

PUMP CONTROL: Manual..... Automatic..... Semi-Automatic.....

STATIC LEVEL 130 ft. Pumping Level.....ft. Drawdown.....ft.

OPTIMUM SPECIFIC YIELD 400 GPM Drawdown 229 ft. Time.....hrs.

RATE OF DRAWDOWN..... Rate of Recovery.....

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

DRAWDOWN GAUGE INSTALLED.....

TOPOGRAPHICAL POSITION OF WELL Elevated

WELL SITE INVESTIGATED.....Approved..... Why not.....

WELL CONSTRUCTION REVIEWED.....Approved..... Why not.....

PIT CONSTRUCTION: Purpose..... Size and Description.....

.....

CONDITION: ..... Drainage Facilities.....

PUMP INSTALLATION: Approved..... 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.....-Other .....

.....

.....

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

Manganese.....ppm. pH..... CO_2.....ppm. .....

REMARKS: * Well is abandoned in that there is no pump. Still could be used. Pump Test Results: Rate = 309 gpm — Drawdown: 276 ft

" 365 " 229.7'

" 400 " 229.7'

Information obtained from I.E. Schuchmann ** No record available as to Type of grouting or seals, if any.

Well #4 also referred to as Station #2.