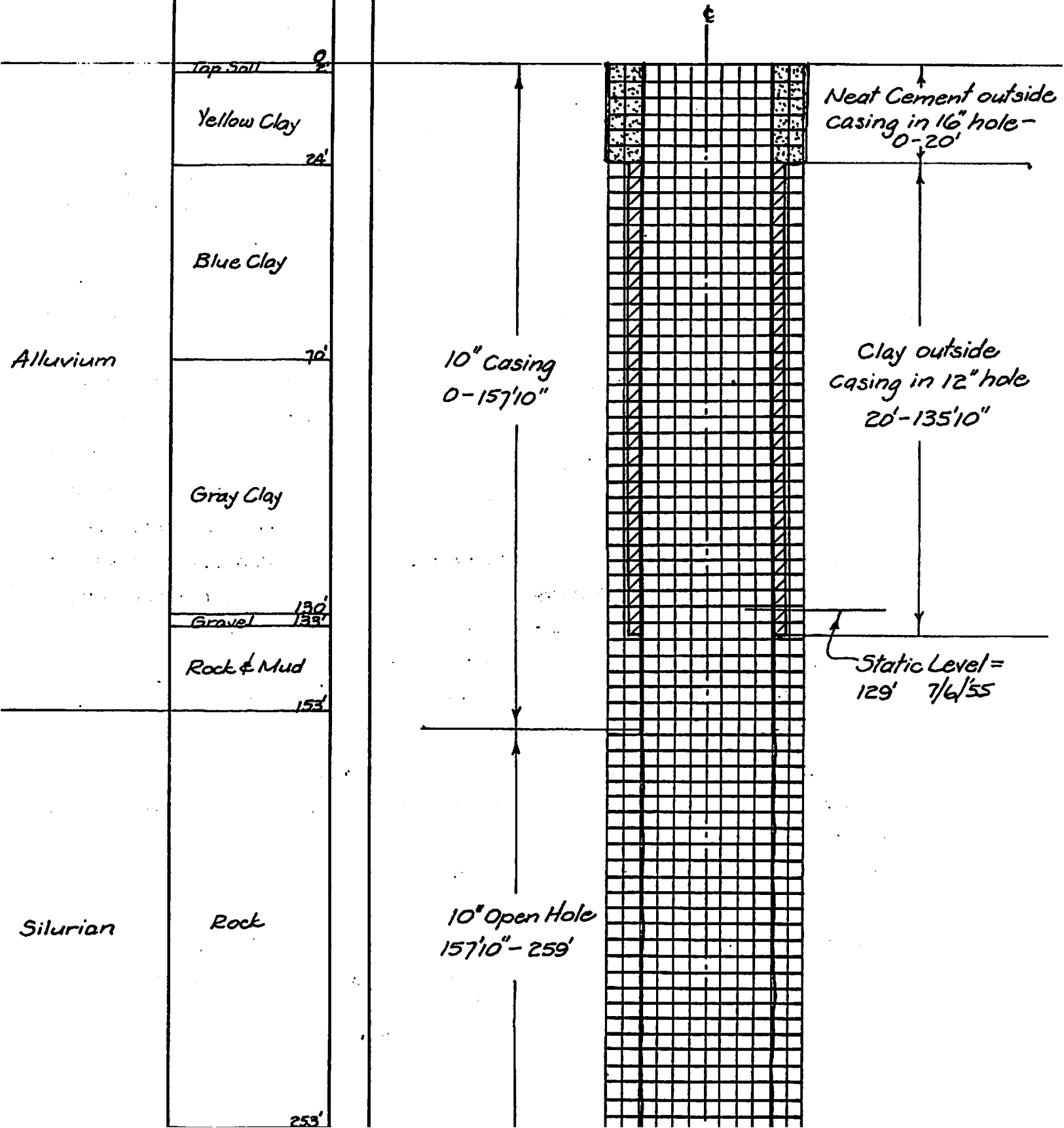
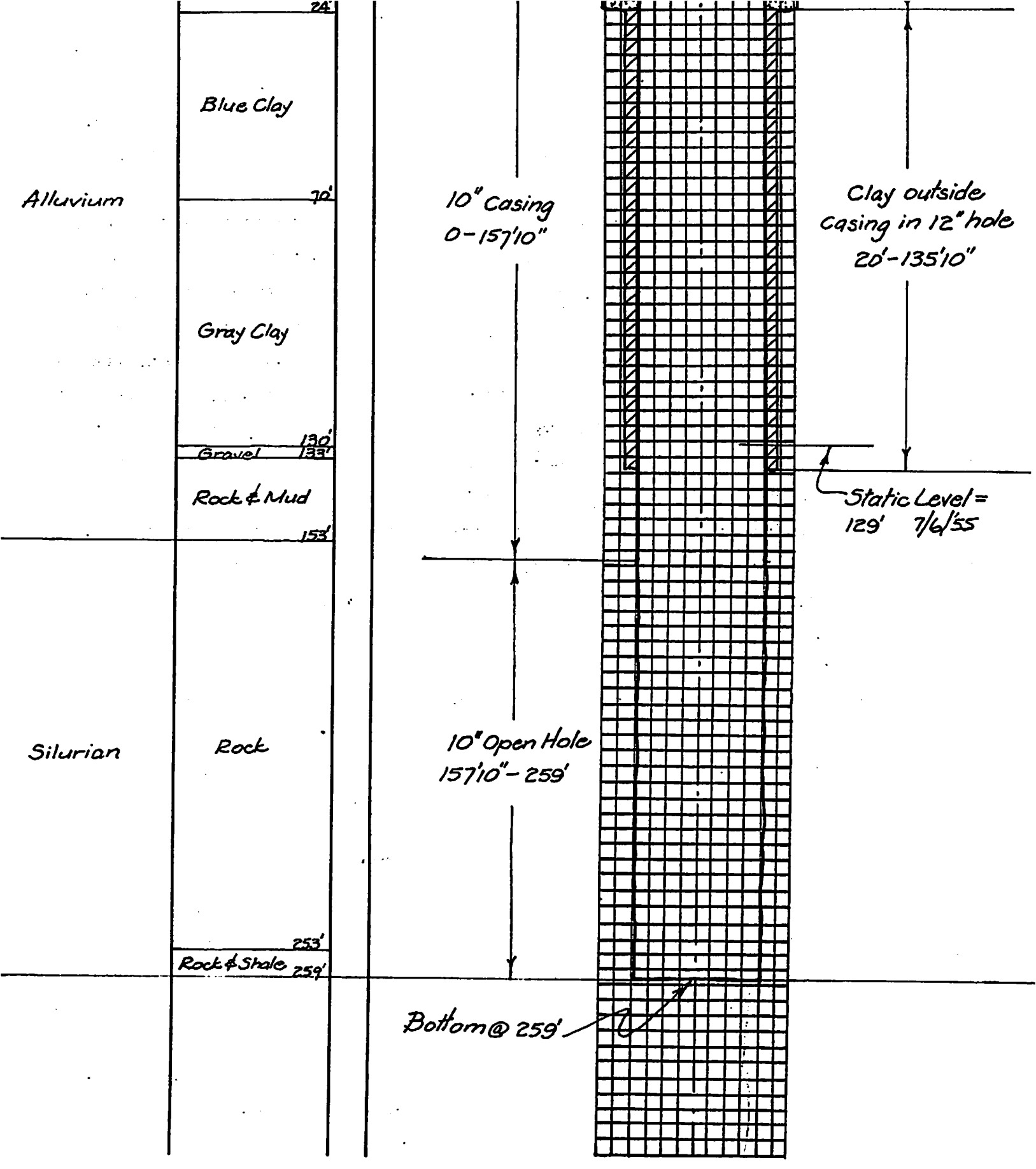
GEOLOGICAL DATA			CASING DATA	WELL DATA	
Formation	Material and distance from surface in ft.	Series	Position, kind and extent of casing, liners, shoes, etc.	Scale: Horizontal 1"=10" Vertical 1"=30'	Position of seals, screens, static level, etc.





Well data from S.R. Ames of Hoeg & Ames, Well Contractor, Lincoln, Iowa.

M.W.S.

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

GROUND WATER

Town Strawberry Point County Clayton Date May 10 19 55

WELL NO. 3 5 Active ✓ Standby ____ Abandoned ____ Replaced by No. ____

LOCATION: Street Ash Sec. NE¼ SE¼ 22 T 91 N.R. 6 East: West

Lot ____ Block ____ Township Cass

OWNERSHIP Municipal Date Installed July 1955

CONTRACTOR Hoeg & Ames Address Lincoln, Iowa

DATE RECONDITIONED ____ 19____ Contractor ____ Address ____

CONSTRUCTION EMPLOYED: ____

CURB ELEVATION ____ REFERENCE ____

TYPE OF CONSTRUCTION Drilled Depth 259 ft. Diameter 10 in.

CASING: Material Steel Condition New

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

WELL SEALED Yes How Cement Approved Yes

WELL VENTED Yes How Screened - Turned down ell Approved Yes

TYPE OF PUMP Turbine 210' Make Fairbanks, Morse FBM pump 7" Capacity 220 GPM 200 Lubricated water 20' 6"

DEPTH TO CYLINDER ____ ft. Tail Pipe ____ ft.

PUMP CONTROL: Manual ____ Automatic ✓ Semi-Automatic ____

STATIC LEVEL 129' 7/6/55 ft. Pumping Level * 230 ft. Drawdown * 101 ft.

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

RATE OF DRAWDOWN Rapid 50 Rate of Recovery Rapid

TEMPERATURE OF WATER 50 °F Where Measured Pump Discharge Temp. of Atmosphere ____ °F

DRAWDOWN GAUGE INSTALLED Yes

TOPOGRAPHICAL POSITION OF WELL Elevated

WELL SITE INVESTIGATED Yes 5/24/55 Approved Yes Why not ____

WELL CONSTRUCTION REVIEWED ____ Approved ____ Why not ____

PIT CONSTRUCTION: Purpose ____ Size and Description ____

None

CONDITION: ____ Drainage Facilities ____

PUMP INSTALLATION: Approved Yes Why Not ____

CUTTINGS FROM WELL PRESERVED: Yes Where I.G.S.

DEPTH TO BED ROCK 133' Depth to Water-bearing Stratum 157'10"-259'

SOURCE OF WATER: Principal Formation Silurian Other ____

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

CONSTRUCTION EMPLOYED: .....

.....

.....

CURB ELEVATION..... REFERENCE.....

TYPE OF CONSTRUCTION..... Drilled ..... Depth 259 ft. Diameter 10 in.

CASING: Material..... Steel ..... Condition New .....

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

WELL SEALED..... Yes ..... How..... Cement ..... Approved..... Yes .....

WELL VENTED..... Yes ..... How Screened - Turned down ell ..... Approved..... Yes .....

TYPE OF PUMP..... Turbine ..... Make Fairbanks - Morse ..... Capacity 220 GPM Lubricated water

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

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

STATIC LEVEL..... 129' 7/6/55 ft. Pumping Level..... * 230 ..... ft. Drawdown..... * 101 ..... ft.

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

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

TEMPERATURE OF WATER..... 50 .....°F Where Measured Pump Discharge Temp. of Atmosphere.....°F

DRAWDOWN GAUGE INSTALLED..... Yes .....

TOPOGRAPHICAL POSITION OF WELL..... Elevated .....

WELL SITE INVESTIGATED..... Yes 5/24/55 ..... Approved..... Yes ..... Why not.....

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

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

None .....

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

PUMP INSTALLATION: Approved..... Yes ..... Why Not.....

CUTTINGS FROM WELL PRESERVED: ..... Yes ..... Where I.G.S. .....

DEPTH TO BED ROCK..... 133' ..... Depth to Water-bearing Stratum..... 157'10"-259' .....

SOURCE OF WATER: Principal Formation..... Silurian ..... Other .....

.....

.....

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

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

REMARKS: .....

* At 231-245 g.p.m. during pump test 7-6-'55.

Well "3" also referred to as Station "3"

Vent pipe extended 24" above roof of Plant

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Conc. pad at [illegible]