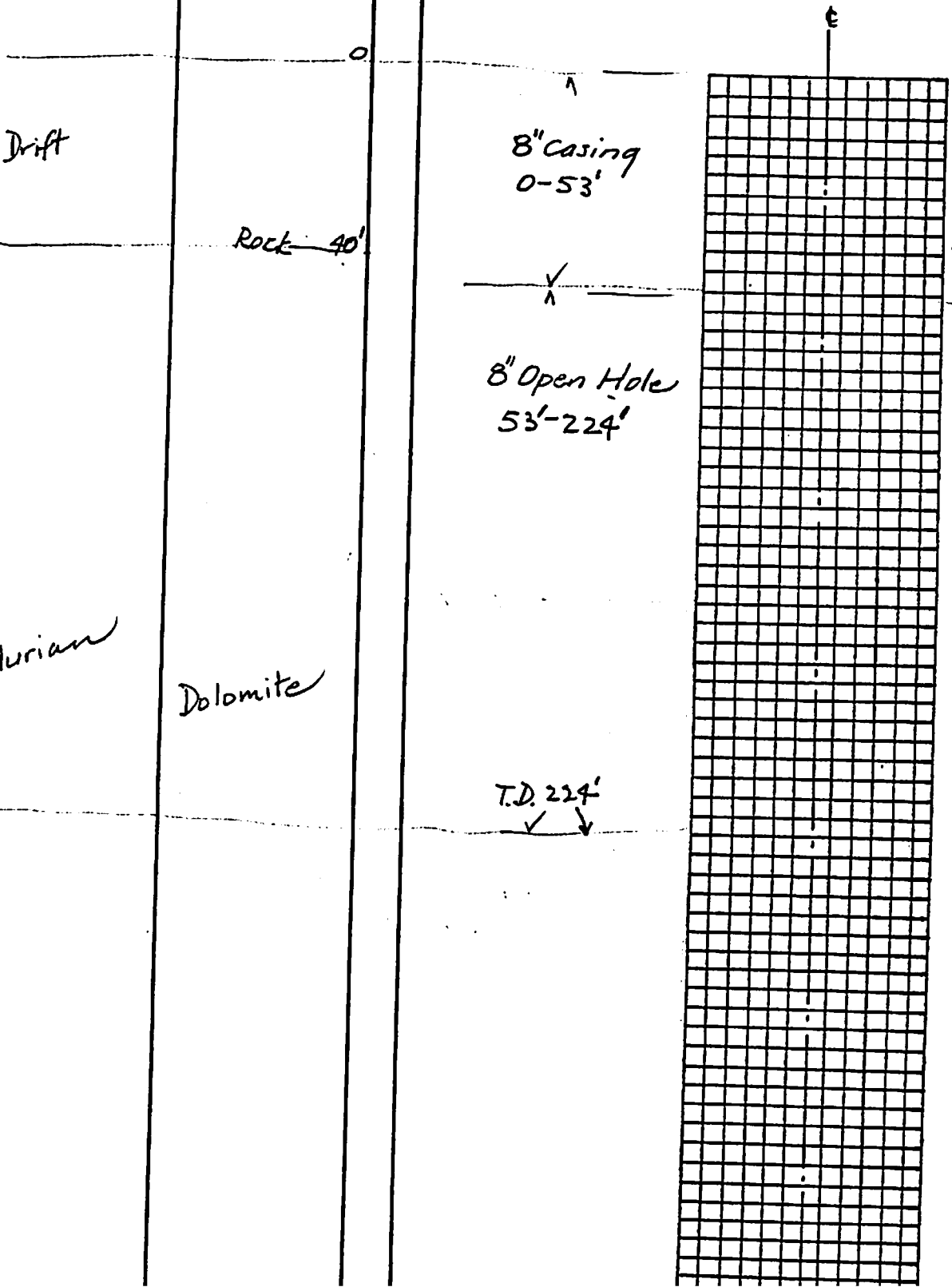
GEOLOGICAL DATA			CASING DATA	WELL DATA	
Formation	Material and distance from surface in ft.	Series	Position, kind and extent of casing, liners, shoes, etc.	Scale: Horizontal ..... Vertical	Position of seals, screens, static level, etc.



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

GROUND WATER

Town Volga City County Clayton Date Mar. 6 & 4/17 1958

WELL NO. 1 Active ✓ Standby ____ Abandoned ____ Replaced by No. ____

LOCATION: Street Near Intersection Lafayette & Volga Sts. Sec. 10 T. 92 N.R. 6 ~~East~~ West

Lot — Block — Township Sperry

OWNERSHIP Municipal Date Installed Jan–July 1957

CONTRACTOR Thorpe Well Co. Address DM

DATE RECONDITIONED ____ 19____ Contractor ____ Address ____

CONSTRUCTION EMPLOYED: ____

CURB ELEVATION ____ REFERENCE ____

TYPE OF CONSTRUCTION Drilled Depth 224 ft. Diameter 8 in.

CASING: Material Steel Condition New

SCREEN: Material None Length ____ ft. Diameter ____ in. Slot Opening ____ in.

WELL SEALED Yes How Conc. Approved Yes

WELL VENTED Yes How Thru pump base - elled down & screen Approved Yes

TYPE OF PUMP Turbine Make FBM Capacity 105 GPM Lubricated Water

DEPTH TO CYLINDER 90' of column (3") ft. Tail Pipe — ft.

PUMP CONTROL: Manual ____ Automatic ✓ Semi-Automatic ____

STATIC LEVEL 45 ft. Pumping Level ~~X~~ 52 ft. Drawdown 7 ft.

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

RATE OF DRAWDOWN Slows Rate of Recovery Rapid

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

DRAWDOWN GAUGE INSTALLED No

TOPOGRAPHICAL POSITION OF WELL High – hillside

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 IGS

DEPTH TO BED ROCK 40' Depth to Water-bearing Stratum Approx. 200'

SOURCE OF WATER: Principal Formation ~~Sty~~ Galena Other ____

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

CONSTRUCTION EMPLOYED: .....

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

TYPE OF CONSTRUCTION Drilled Depth 224 ft. Diameter 8 in.

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SCREEN: Material None Length ..... ft. Diameter ..... in. Slot Opening ..... in.

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DRAWDOWN GAUGE INSTALLED No

TOPOGRAPHICAL POSITION OF WELL High - hillside

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 40' Depth to Water-bearing Stratum Approx. 200'

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 300 gpm pump test - 24 hrs.

Info. from Hugh A. Tenney, water supt. & Albert Kunzman, councilman.

W.K. Oldfather, Mayor
Flussie Fonzon, Clerk

Dr. Grant, M. D., H.D.