

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

GROUND WATER

Town Sioux City County Woodbury Date Jan. 1946

WELL NO. 6 Active X Standby _____ Abandoned _____ Replaced by No. _____

LOCATION: Street 28th & Hawkeye Drive Sec. 22 T. 89 N.R. 47 East: West _____

Lot _____ Block _____ Township Sioux City

OWNERSHIP Sioux City Water Works Date Installed Jan. 14 1958

CONTRACTOR Rasmussen Well Company Address Sioux City, Iowa

DATE RECONDITIONED _____ 19 _____ Contractor _____ Address _____

CONSTRUCTION EMPLOYED: Drilled

CURB ELEVATION 1106.14 REFERENCE Sea Level

TYPE OF CONSTRUCTION Drilled Depth 305 1/2 ft. Diameter 102" of 20" or 218" of 16" in.

CASING: Material Steel Pipe Condition Good

SCREEN: Material Perforated Pipe Length 119 ft. Diameter 16 in. Slot Opening 5/8" holes or 4" Centers

WELL SEALED Yes How Pump and Pump Foundation Approved Yes

WELL VENTED Yes How 1 - 2" vent screened and turned down Approved Yes

TYPE OF PUMP Turbine Make Danwing Capacity 1400 GPM Lubricated Water

DEPTH TO CYLINDER 96 ft. Tail Pipe 20 ft.

PUMP CONTROL: Manual X Automatic _____ Semi-Automatic _____

STATIC LEVEL _____ ft. Pumping Level _____ ft. Drawdown _____ ft.

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

RATE OF DRAWDOWN _____ Rate of Recovery _____

TEMPERATURE OF WATER 54 °F Where Measured _____ Temp. of Atmosphere _____ °F

DRAWDOWN GAUGE INSTALLED No

TOPOGRAPHICAL POSITION OF WELL River bottom plane

WELL SITE INVESTIGATED Yes Approved Yes Why not _____

WELL CONSTRUCTION REVIEWED Yes Approved Yes Why not _____

PIT CONSTRUCTION: Purpose Heating Plant Size and Description 26 x 18 x 9 Concrete

Walls and floors - brick building Condition good

CONDITION: Good Drainage Facilities Gravel sump

PUMP INSTALLATION: Approved Yes Why Not _____

CUTTINGS FROM WELL PRESERVED: Yes Where Rasmussen Well Company

DEPTH TO BED ROCK 65.5' Depth to Water-bearing Stratum 102'

SOURCE OF WATER: Principal Formation Dakota Other _____

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

Manganese _____ ppm. pH _____ CO₂ _____ ppm.

REMARKS: Well pump delivers water to a Northington Horizontal H. O. N. Service Booster Pump.

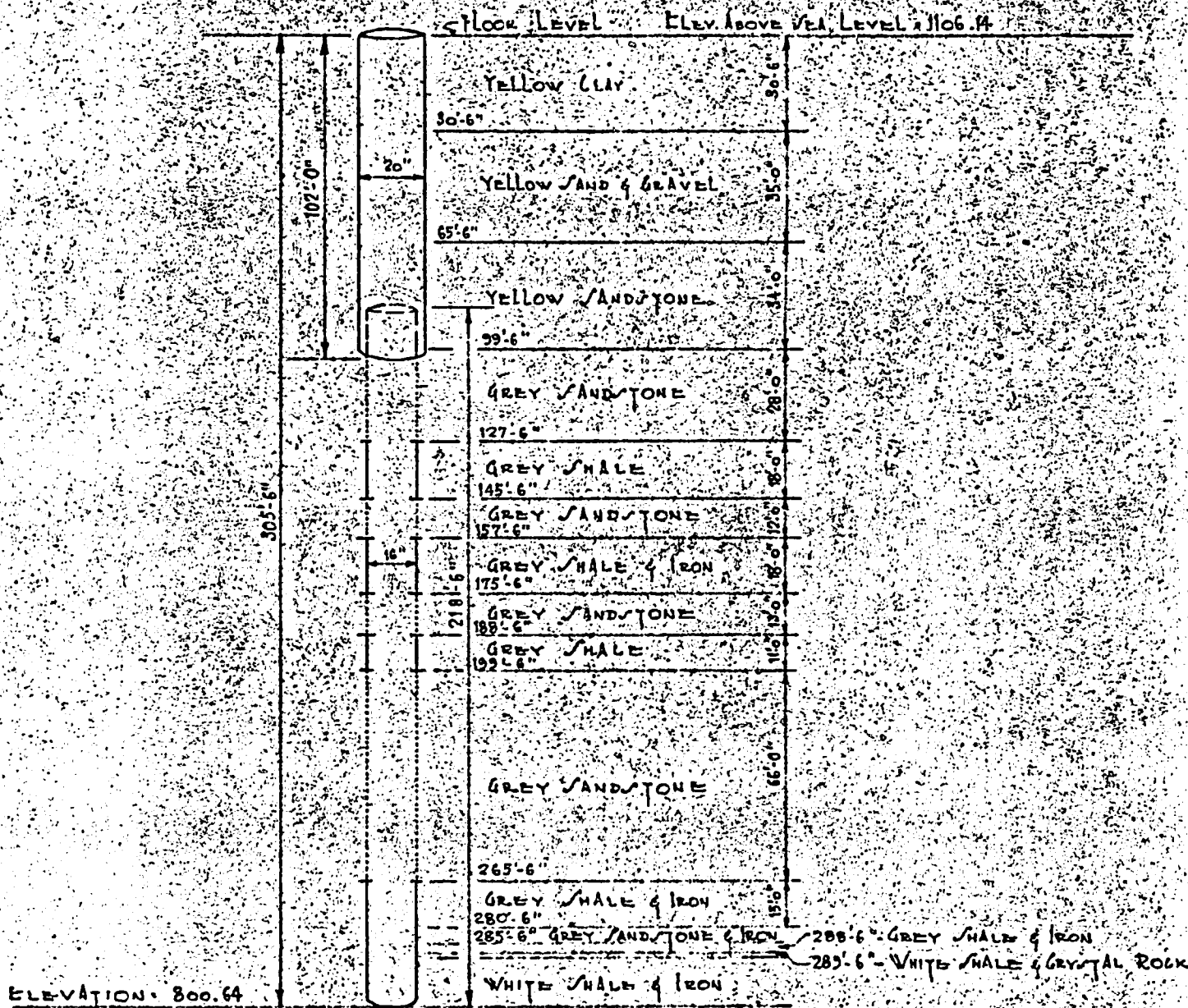
Can pump waste to catch basin

LOWELL - WELL - NO. 6

25TH - AND - HAWKEYE - DRIVE

AMOUNT OF SANDSTONE IN WELL - 119'-0"

WELL COMPLETED - 1937.



SCALE - 1" = 50'-0"

E.D. O'NEILL

MAR 1940.

WELL IS ON BOTTOM LAND

WATER IS PUMPED UP FROM DAKOTA SANDSTONE

LOWELL WELL NO. 6

25TH AND HAWKEYE DRIVE
 AMOUNT OF SANDSTONE IN WELL = 119'-0"
 WELL COMPLETED - 1937.

NOT
USED

