

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

GROUND WATER

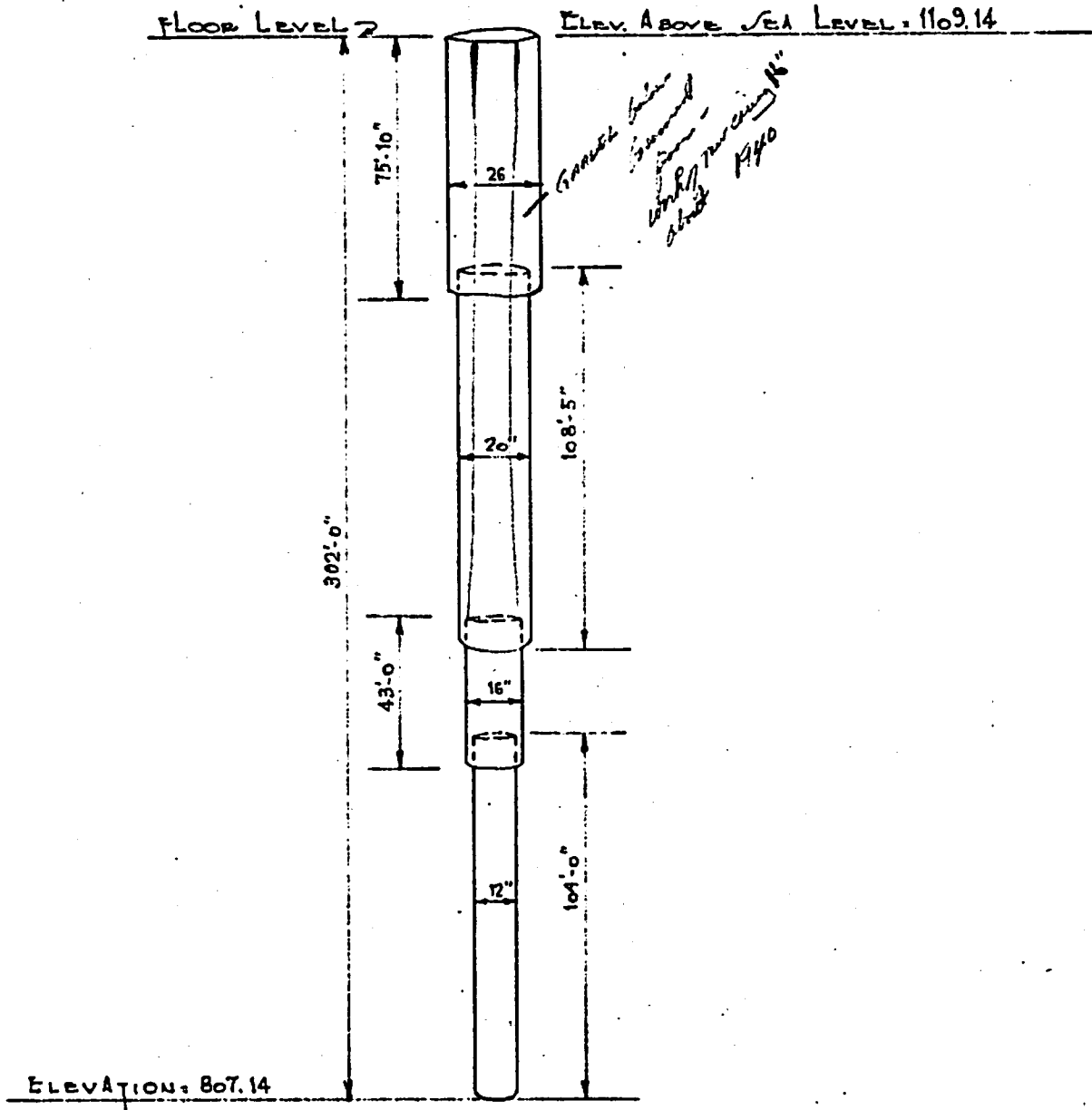
Town Sioux City County Woodbury Date Jan. 19 45
WELL NO. 2 Active ☒ Standby ☐ Abandoned ☐ Replaced by No. _____
LOCATION: Street 24th & Hawkeye Drive Sec. 22 T. 89 N.R. 47 East: West
Lot 7 Block 1 Township Sioux City
OWNERSHIP: Sioux City Water Works Date Installed Sept. 19 17
CONTRACTOR: Savage Well Company Address Sioux City, Iowa
DATE RECONDITIONED May 14 19 44 Contractor Rasmussen Well Co. Address Sioux City, Iowa
CONSTRUCTION EMPLOYED: Drilled

Old No. 2 1109.14
CURB ELEVATION _____ REFERENCE See level
TYPE OF CONSTRUCTION Drilled Depth 302 ft. Diameter 26" in.
CASING: Material Steel Condition Good
SCREEN: Material Perforated Pipe Length 136 ft. Diameter 12" 16" Slot Opening 8 in.
rim will seal small hole around cooling water
WELL SEALED Yes How return Approved Yes
WELL VENTED Yes How 2 - 2" vent lines fastened direct into casing in basement. terminate at ceiling of basement. Approved Yes
TYPE OF PUMP Turbine Make Northington Capacity 1400 GPM Lubricated Water
DEPTH TO CYLINDER 88 ft. Tail Pipe 20' ft.
PUMP CONTROL: Manual ☒ Automatic ☐ Semi-Automatic ☐
STATIC LEVEL 50' ft. Pumping Level No information ft. Drawdown No information ft.
OPTIMUM SPECIFIC YIELD ? GPM Drawdown ? ft. Time ? hrs.
RATE OF DRAWDOWN ? Rate of Recovery ?
TEMPERATURE OF WATER 54 °F Where Measured Pump discharge temp. of Atmosphere 75 °F
DRAWDOWN GAUGE INSTALLED No
TOPOGRAPHICAL POSITION OF WELL Bottom land
WELL SITE INVESTIGATED No Approved ☐ Why not _____
WELL CONSTRUCTION REVIEWED No Approved ☐ Why not _____
PIT CONSTRUCTION: Purpose Hot air furnace & booster for C12 Size and Description 18x26x9
Pump motor and booster above ground. Brick Bldg.
CONDITION: Good Drainage Facilities Gravel sump ok
PUMP INSTALLATION: Approved Yes Why Not _____
CUTTINGS FROM WELL PRESERVED: No Where _____
DEPTH TO BED ROCK _____ Depth to Water-bearing Stratum _____
SOURCE OF WATER: Principal Formation Dakota Sandstone Other No

Total Hardness _____ ppm. Total Iron _____ ppm. Sulfates _____ ppm. Fluorine _____ ppm.
Manganese _____ ppm. pH _____ CO₂ _____ ppm.
REMARKS: Can pump waste to open ditch across street to West

LOWELL WELL NO. 2

24th AND HAWKEYE DRIVE.
 AMOUNT OF SANDSTONE WELL 168' 0".
 WELL COMPLETED 1/3/18



SCALE 1" = 50' 0"

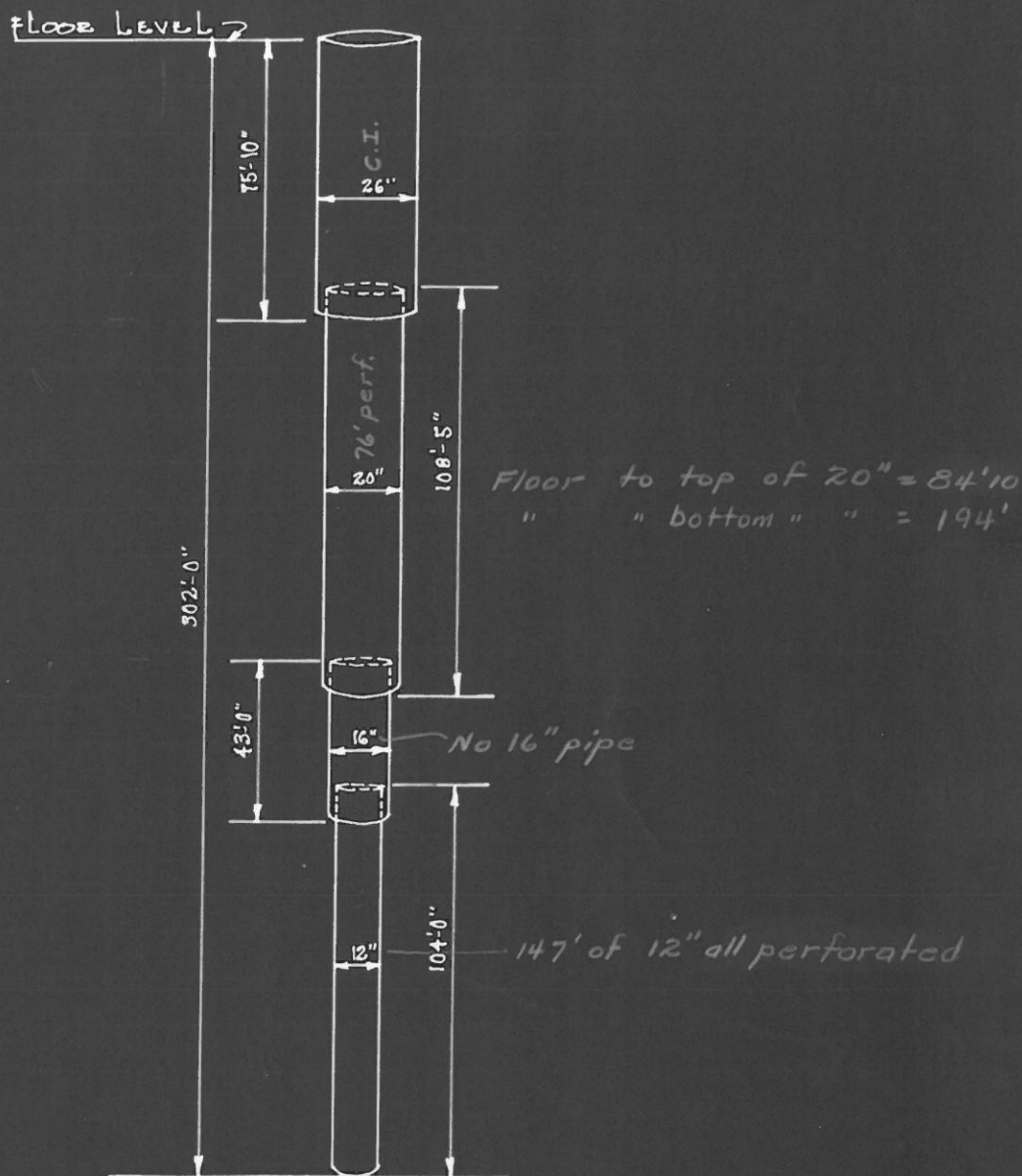
E.D. O'NEILL
 MARCH 1940

WELL IS ON BOTTOM LAND
 WATER IS PUMPED UP FROM DAKOTA SANDSTONE

LOWELL - WELL - NO. 2

Lowell - 1937
30462-1450'0"

Drilled 1918



Bottom of bowles = 116' (3 stage 18" Pomona) Suction 20' of 12"
Hit sandstone at 168 below surface - 168' S.S.