

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

GROUND WATER

Town WEST LIBERTY County MUSCATINE Date JUNE 20 19 46
WELL NO. 1 Active Standby Abandoned Replaced by No.
LOCATION: Street 2ND STREET Sec. 12 T. 28 N.R. 4 East: West
Lot. 142 Block 12 Township WARSAW TOWNSHIP
OWNERSHIP MUNICIPAL Date Installed FEB 1, 1900
CONTRACTOR W. H. GRAY Address CHICAGO
DATE RECONDITIONED 1944 Contractor THORPE BROS. Address DES. MOINES
CONSTRUCTION EMPLOYED: WELL CLEANED AND NEW CASING
EXTENDED
CURB ELEVATION 660 REFERENCE IOWA PLANNING BOARD
TYPE OF CONSTRUCTION DRILLED Depth 1596 ft. Diameter 12 in.
CASING: Material 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 ft. Pumping Level ft. Drawdown ft.
OPTIMUM SPECIFIC YIELD GPM Drawdown 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
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: Where
DEPTH TO BED ROCK Depth to Water-bearing Stratum
SOURCE OF WATER: Principal Formation Other

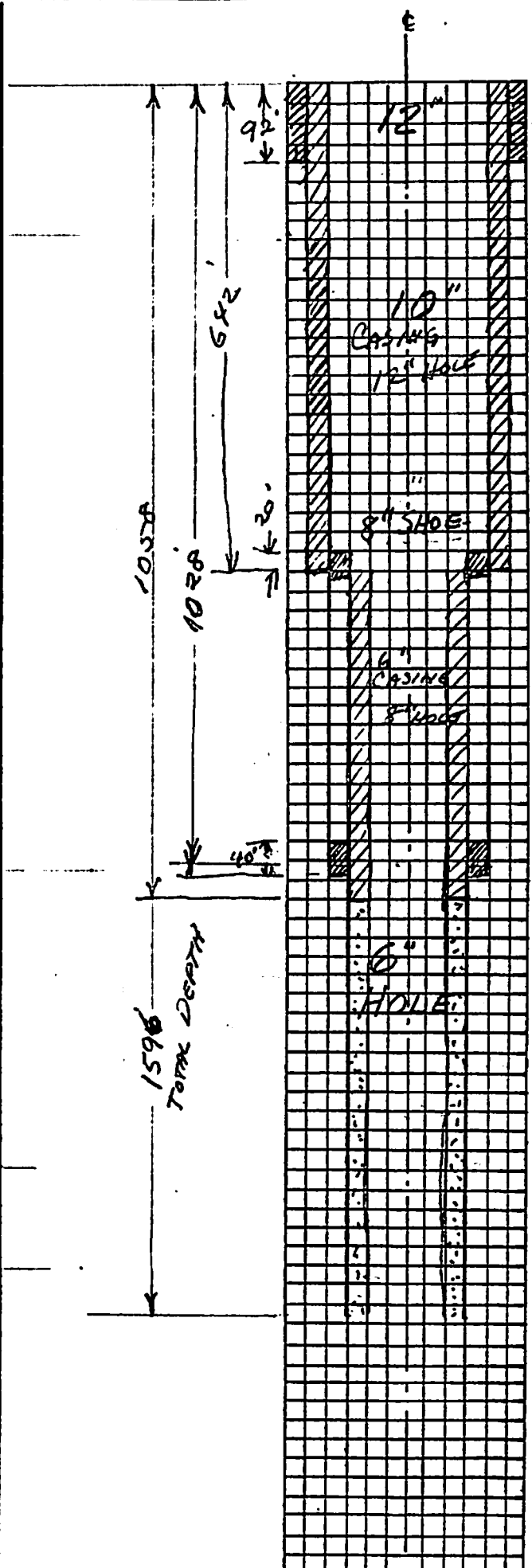
Formation	Material and distance from surface in ft.	Series	Position, kind and extent of casing, liners, shoes, etc.	Serial Horizontal _____ Vertical _____	Position of seals, screens, static level, etc.
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BEADOCK 96'

ST. PETER SANDSTONE AT 1015' - 40' THICK

NEW RICHMOND SANDSTONE JUST ABOVE 1400'

JORDAN SAND 1535-1584 CREVICE AT BOTTOM
1584-1594 LIMESTONE



STATIC LEVEL - 50'

CASING DATA ESTIMATED FROM COUNCIL RECORDS ON ORIGINAL WELL. THE DEPTH OF HOLES DRILLED ARE ACCURATE. CASING IS UNDOUBTLY OPEN AT THE ST. PETER AND NEW RICHMOND SANDSTONES.