

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

GROUND WATER

Town Hospiers County Sioux Date 9 November 1962
WELL NO. X 3 (1952) Active X Standby _____ Abandoned _____ Replaced by No. _____
LOCATION: Street Adjacent to AND west Sec 3 T 95 N.R. 43 East: West
of Chicago & Northwestern Railroad
Right of Way, approximately 1,500 feet Lot _____ Block _____ Township Floyd
North of West Main Street
OWNERSHIP Municipal Date Installed X 8/17/63 19 63
CONTRACTOR Hayne-Western Co. Address Omaha, Nebraska
DATE RECONDITIONED _____ 19 _____ Contractor _____ Address _____
CONSTRUCTION EMPLOYED: _____

CURB ELEVATION _____ REFERENCE _____
TYPE OF CONSTRUCTION X Drilled - GRAVEL PACKED Depth X 34.75 ft. Diameter X 18 in.
CASING: Material X 18" O.D. STEEL Condition X NEW
SCREEN: Material X 18-8 STAINLESS Length X 10 ft. Diameter X 18 in. Slot Opening X .130 in.
WELL SEALED X YES How X PLATE WELDED TO BOTTOM OF SCREEN Approved _____
WELL VENTED X YES How X SCREENED RETURN BEND Approved _____
TYPE OF PUMP Turbine Make Hayne Capacity X 60 GPM Lubricated X WATER
DEPTH TO CYLINDER X 30 FT ft. Tail Pipe X NONE ft.
PUMP CONTROL: Manual X Automatic _____ Semi-Automatic _____
STATIC LEVEL X 20 FT ft. Pumping Level X 29 FT ft. Drawdown X 9 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 Yes
TOPOGRAPHICAL POSITION OF WELL _____
WELL SITE INVESTIGATED No Approved _____ Why not _____
WELL CONSTRUCTION REVIEWED No Approved _____ Why not _____
PIT CONSTRUCTION: Purpose Not Applicable 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 X SAND & GRAVEL Other _____

X

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.

Top Soil
& CLAY

} 0 - 12'

SAND & GRAVEL
(LOOSE & DRY)

} 12' - 20'

SAND & GRAVEL
& Fine Sand
Layers

} 20' - 34.75'

