

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

MAY 30 1966
Regional Health Service No. 3
Department of Health
Spencer, Iowa

GROUND WATER

Town Rock Rapids County Lyon Date May 4 1966
WELL NO. 4 Active X Standby _____ Abandoned _____ Replaced by No. _____
LOCATION: Street 400 yards east of North Sec. 33 T. 100 N.R. 45 East: West
Boone St. and 200 yards north of
North Central Corporate limits. Lot _____ Block _____ Township Riverside
OWNERSHIP Municipal Date Installed JUNE 1955
CONTRACTOR Frederickson Well Co. Address Hutchinson, Minn.
DATE RECONDITIONED _____ 19 _____ Contractor _____ Address _____
CONSTRUCTION EMPLOYED: Direct Rotary Drilling

CURB ELEVATION _____ REFERENCE _____
TYPE OF CONSTRUCTION DRILLED Depth 23.5 ft. Diameter 8 in.
CASING: Material BLACK STEEL Condition _____
SCREEN: Material JOHNSON STAINLESS Length 36 ft. Diameter 8 in. Slot Opening 0.100 in.
WELL SEALED YES How THROUGH PITLESS ADAPTOR Approved _____
WELL VENTED " How " Approved _____
TYPE OF PUMP SUBMERSIBLE Make SUMO Capacity 100 GPM Lubricated OIL
DEPTH TO CYLINDER _____ ft. Tail Pipe _____ ft.
PUMP CONTROL: Manual _____ Automatic X Semi-Automatic _____
* STATIC LEVEL 10.6 ft. Pumping Level 14.6 ft. Drawdown 4 ft.
* OPTIMUM SPECIFIC YIELD 2.5 GPM/ft. Drawdown _____ ft. Time _____ hrs.
RATE OF DRAWDOWN _____ Rate of Recovery _____
TEMPERATURE OF WATER _____ °F Where Measured _____ Temp. of Atmosphere _____ °F
DRAWDOWN GAUGE INSTALLED No
TOPOGRAPHICAL POSITION OF WELL _____
WELL SITE INVESTIGATED No Approved _____ Why not _____
WELL CONSTRUCTION REVIEWED No 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 400'-450' Depth to Water-bearing Stratum 10.6'
SOURCE OF WATER: Principal Formation PLEISTOCENE Other _____

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 $1'' = 1'-0$ Vertical $1'' = 3'-0$	Position of seals, screens, static level, etc.

