

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

GROUND WATER

Town Sanborn County O'Brien Date August 7 19 69
WELL NO. 4 Active Standby Abandoned Replaced by No.
LOCATION: Street Approximately Sec. 33 T. 97 N.R. 41 East: West
115 feet southwest of Well No. 3. Lot Block Township Franklin
OWNERSHIP Municipal Date Installed April 19 69
CONTRACTOR Address
DATE RECONDITIONED 19 Contractor Address
CONSTRUCTION EMPLOYED:

CURB ELEVATION REFERENCE
TYPE OF CONSTRUCTION Gravel Pack Depth 80 ft. Diameter 30 in.
CASING: Material 16" steel (schedule 40) Condition new
SCREEN: Material Stainless Steel Length 10' ft. Diameter 16" in. Slot Opening 0.020 in.
WELL SEALED 20' How Cement grout upper 20' Approved
WELL VENTED 1 1/4" How Through Pump head Approved
TYPE OF PUMP Vertical Turbine Make Jayne-Bowler, 8" Capacity 200 GPM Lubricated water
DEPTH TO CYLINDER 60 ft. Tail Pipe 0 ft.
PUMP CONTROL: Manual Automatic X Semi-Automatic
STATIC LEVEL 55 ft. Pumping Level 59 ft. Drawdown 4 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 Yes Approved Yes Why not
WELL CONSTRUCTION REVIEWED Yes Approved Yes Why not Native No. 68-129-11
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 Pleistocene Sand & Gravel 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 _____ Vertical <u>1" = 10'</u>	Position of seals, screens, static level, etc.
Pleistocene	15'				
	68'				
	80'				
	90'				

Handwritten notes in the 'Material and distance' column:
 Brown Glacial Clay w/ Pebbles
 Gray Glacial Till
 Medium Sand + Gravel
 Gray Glacial Till