

Town Clinton County Clinton Date 4-24 1942
WELL NO. 5 Active ☒ Standby ☒ Abandoned _____ Replaced by No. _____
LOCATION: Street _____ Sec. _____ T. _____ N.R. _____ East: West _____
Lot _____ Block _____ Township _____
OWNERSHIP Clinton Water Works Co. Date Installed Nov. 17, 1902
CONTRACTOR L. Wilson Address 225 Dearborn St., Chicago, Ill.
DATE RECONDITIONED Spring of 1935 Contractor C. W. Varner Address Rockford, Ill.
CONSTRUCTION EMPLOYED: Rock well originally cased 8" from surface to 135' or so and
6-1/4" I.D. from 739 to 840. Recased with 6" casing down to 850' in 1935.
CURB ELEVATION 587.75 REFERENCE U.S. Eng.
TYPE OF CONSTRUCTION _____ Depth _____ ft. Diameter _____ in.
CASING: Material Byres W. Iron Condition _____
SCREEN: Material None Length _____ ft. Diameter _____ in. Slot Opening _____ in.
WELL SEALED _____ How Covered concrete vault 3' above g'nd Approved _____
WELL VENTED _____ How Vent in top of vault Approved _____
TYPE OF PUMP Air lift Make _____ Capacity _____ GPM Lubricated _____
DEPTH TO CYLINDER _____ ft. Tail Pipe _____ ft.
PUMP CONTROL: Manual Yes Automatic _____ Semi-Automatic _____
STATIC LEVEL 51 ft. Pumping Level 122 ft. Drawdown 71 ft.
OPTIMUM SPECIFIC YIELD 420 GPM Drawdown 71 ft. Time _____ hrs.
RATE OF DRAWDOWN _____ Rate of Recovery _____
TEMPERATURE OF WATER 68 °F Where Measured _____ Temp. of Atmosphere _____ °F
DRAWDOWN GAUGE INSTALLED Air line used as such
TOPOGRAPHICAL POSITION OF WELL Municipal Park
WELL SITE INVESTIGATED _____ Approved _____ Why not _____
WELL CONSTRUCTION REVIEWED _____ Approved _____ Why not _____
PIT CONSTRUCTION: Purpose Air release Size and Description _____
CONDITION: _____ Drainage Facilities _____
PUMP INSTALLATION: Approved _____ Why Not _____
CUTTINGS FROM WELL PRESERVED: No Where _____
DEPTH TO BED ROCK 6 ft. Depth to Water-bearing Stratum _____
SOURCE OF WATER: Principal Formation below 850 ft. Other _____
Total Hardness _____ ppm. Total Iron _____ ppm. Sulfates _____ ppm. Fluorine _____ ppm.
Manganese _____ ppm. pH _____ CO₂ _____ ppm.
REMARKS: Used chiefly in summer to supplement No. 7 and No. 6

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" = 40'</u>	Position of seals, screens, static level, etc.

Earth	0 - 6	
Limestone	6 - 131	
Shale	131 - 358	
Limestone	358 - 676	
Shale	676 - 690	
Sandstone	690 - 740	
Shale cave	740 - 832	
Limestone	832 - 1140	
Sandy Limestone	1140 - 1165	
Limestone	1165 - 1320	
Shale	1320 - 1413	
Sandstone	1413 - 1665	
Shale	1665 - 1720	
Sandstone	1720 - 1763	

