

Town Elden County Wapello Date Oct 7 1942

WELL NO. 3 Active Standby _____ Abandoned _____ Replaced by No. _____

LOCATION: Street Finney Ave. Sec. NE 1/4 SW 1/4 T. 26 R. 71 N.R. 12 East: West

Lot _____ Block _____ Township Washington

OWNERSHIP Municipal Date Installed Nov. 4 1942

CONTRACTOR Layne - Western Co. Address Ames, Iowa

DATE RECONDITIONED _____ 19 _____ Contractor _____ Address _____

CONSTRUCTION EMPLOYED: 42" gravel pack - 12" casing

CURB ELEVATION _____ REFERENCE _____

TYPE OF CONSTRUCTION gravel pack Depth 73 ft. Diameter 12 in.

CASING: Material steel Condition new

SCREEN: Material #6 gauge Armco Length 10 ft. Diameter 12 in. Slot Opening #6 in.

WELL SEALED Yes How Clay over gravel pack @ pump base Approved Yes

WELL VENTED Yes How 1" vents in pump base Approved Yes

TYPE OF PUMP Turbine Make Layne Capacity 70 GPM Lubricated Water

DEPTH TO CYLINDER 65 ft. Tail Pipe (dia = 4") 2 ft.

PUMP CONTROL: Manual Yes Automatic _____ Semi-Automatic _____

STATIC LEVEL 60'-8" ft. Pumping Level 63'-8" ft. Drawdown 3' ft.

OPTIMUM SPECIFIC YIELD _____ GPM Drawdown _____ ft. Time _____ hrs.

RATE OF DRAWDOWN _____ Rate of Recovery Rapid

TEMPERATURE OF WATER _____ °F Where Measured _____ Temp. of Atmosphere _____ °F

DRAWDOWN GAUGE INSTALLED No

TOPOGRAPHICAL POSITION OF WELL Upland

WELL SITE INVESTIGATED Yes Approved Yes Why not _____

WELL CONSTRUCTION REVIEWED Yes Approved Yes Why not _____

PIT CONSTRUCTION: Purpose None Size and Description _____

CONDITION: _____ Drainage Facilities Floor drains 30' to ground surface

PUMP INSTALLATION: Approved Yes Why Not _____

CUTTINGS FROM WELL PRESERVED: No Where _____

DEPTH TO BED ROCK _____ Depth to Water-bearing Stratum 49'

SOURCE OF WATER: Principal Formation Gravel Other _____

Total Hardness _____ ppm. Total Iron _____ ppm. Sulfates _____ ppm. Fluorine _____ ppm.

Manganese _____ ppm. pH _____ CO₂ _____ ppm.

REMARKS: * 6 stages - bronze impellers - C.I. bowls -

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 $1 = 4''$ Vertical $1 = 1'$	Position of seals, screens, static level, etc.
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0
2
Top soil

Brown Clay

12" steel casing

Riddled clay

49

Coarse sand & gravel

39'

42" gravel pack
Static level 61'

63'

10' #6 Armco Screen

73

73'

