

GROUND WATER

Town New London County Henry- Date March, 19 64

WELL NO. 2 Active X Standby _____ Abandoned _____ Replaced by No. _____

LOCATION: Street E. Main and Cedar Sec. _____ T. _____ N.R. _____ East: West _____

Lot _____ Block _____ Township _____

OWNERSHIP Municipal Date Installed April, 19 61

CONTRACTOR Hoag & Ames Address Lincoln, Iowa

DATE RECONDITIONED None 19 _____ Contractor _____ Address _____

CONSTRUCTION EMPLOYED: _____

CURB ELEVATION _____ REFERENCE _____

TYPE OF CONSTRUCTION Drilled - standard turbine Depth 1870 ft. Diameter 12 in.

CASING: Material Steel Condition _____

SCREEN: Material _____ Length _____ ft. Diameter _____ in. Slot Opening _____ in.

WELL SEALED Yes How Standard Approved Yes

WELL VENTED Yes How Standard Approved Yes

TYPE OF PUMP Turbine Make F - M Capacity 500 GPM Lubricated Water

DEPTH TO CYLINDER 315 ft. Tail Pipe -- ft.

PUMP CONTROL: Manual _____ Automatic X Semi-Automatic _____

STATIC LEVEL 213 ft. Pumping Level 278 ft. Drawdown 65 @ 500 GPM 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 Good - Area built up as requested

WELL SITE INVESTIGATED Yes Approved Yes Why not _____

WELL CONSTRUCTION REVIEWED Yes Approved Yes Why not _____

PIT CONSTRUCTION: Purpose _____ Size and Description _____

CONDITION: _____ Drainage Facilities _____

PUMP INSTALLATION: Approved Yes Why Not _____

CUTTINGS FROM WELL PRESERVED: Yes Where ISGS

DEPTH TO BED ROCK 145 Depth to Water-bearing Stratum 1775

SOURCE OF WATER: Principal Formation Jordan Sandstone Other _____

Total Hardness 324 ppm. Total Iron 0.9 ppm. Sulfates 470 ppm. Fluorine 1.9 ppm.

Manganese -- ppm. pH 7.7 CO₂ _____ ppm.

Formation	Material and distance from surface in ft.	Series	Position, kind and extent of casing, liners, shoes, etc.	Scale: Horizontal 2" Vertical 25'	Position of seals, screens, static level, etc.
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