

Town Rockwell City County WILLIAM Date March 20, 1944

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

LOCATION: Street Pump house at City Hall Sec. _____ T. _____ N.R. _____ East: West _____

Lot _____ Block _____ Township _____

OWNERSHIP Municipal Date Installed _____ 1926

CONTRACTOR Thorpe Address Des Moines, Iowa

DATE RECONDITIONED _____ 1933 Contractor Thorpe Address Des Moines

CONSTRUCTION EMPLOYED: Drilled, Recased and deepened to 1670 ft. in 1926.
Recased in 1934.

CURB ELEVATION _____ REFERENCE _____

TYPE OF CONSTRUCTION Drilled Depth 1670 ft. Diameter 12 in.

CASING: Material Wrought iron Condition Good

SCREEN: Material No Length _____ ft. Diameter _____ in. Slot Opening _____ in.

WELL SEALED Yes How Concrete pedestal 3' x 3' x 15" (Lead seal at 278') Approved Yes

WELL VENTED Yes How 1 1/4" turned down screened all Approved Yes

TYPE OF PUMP D.W. turbine Make American 30 h.p. U.S. motor Capacity 320 GPM Lubricated Water

DEPTH TO CYLINDER 270 ft. Tail Pipe None ft.

PUMP CONTROL: Manual Automatic _____ Semi-Automatic _____

STATIC LEVEL 160 ft. Pumping Level 190 ft. Drawdown 40+ 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 Yes, but not working - also 1948

TOPOGRAPHICAL POSITION OF WELL Flat

WELL SITE INVESTIGATED ? Approved _____ Why not _____

WELL CONSTRUCTION REVIEWED Yes Approved Yes Why not _____

PIT CONSTRUCTION: Purpose Valve Size and Description _____

CONDITION: Satisfactory Drainage Facilities Satisfactory

PUMP INSTALLATION: Approved Yes Why Not _____

CUTTINGS FROM WELL PRESERVED: _____ Where _____

DEPTH TO BED ROCK 688 Depth to Water-bearing Stratum _____

SOURCE OF WATER: Principal Formation _____ Other _____

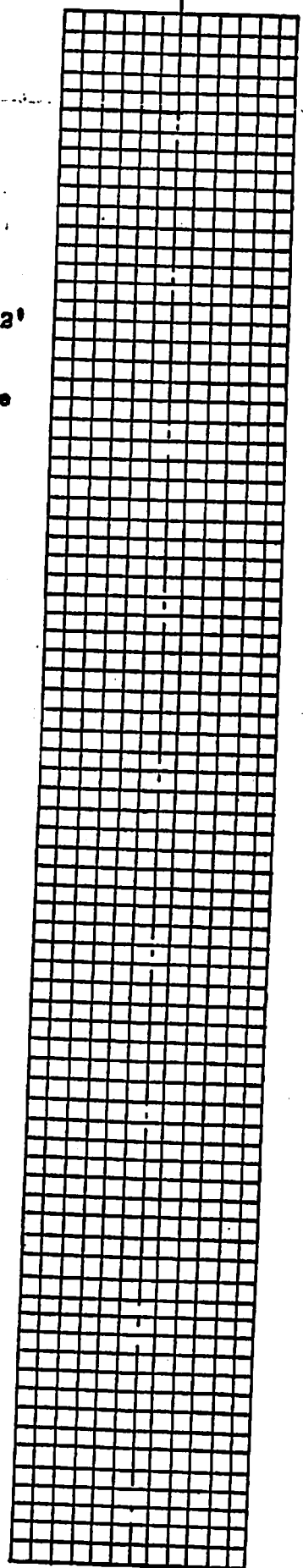
Total Hardness _____ ppm. Total Iron _____ ppm. Sulfates _____ ppm. Fluorine _____ ppm.

Manganese _____ ppm. pH _____ CO₂ _____ ppm.

REMARKS: Casing extends to top of floor -- platform built around casing.
Pump base set over casing. Above ground discharge.

Limestone
 950 - 1420
 Shale
 1420 - 1430
 Limestone
 1430 - 1440
 Shale
 1440 - 1480
 St. Peter
 1480 - 1540
 Sand &
 Limestone
 1540 - 1605
 Sandstone
 1605 - 1670
 Present depth
 1677

12" - 263'
 10" - 309'
 8" - 376'
 6" - 688'
 4" - 132' at 1482'
 1757
 1, 12" drive shoe
 1, 10" " "
 1, 6" " "



1 lead seal between
 6 and 10" at 278'
 set at 688', set
 in lime or on lime
 shell.

All pipe measurements as listed above were taken with threads measured off, hence a difference
 in listed measurements and pipe measurements above. Old pipe records show 6" set at 705'.
 Water level before 6" work pipe was pulled 164'. Water level after 6" work pipe was pulled
 164'. Last water level information 150 ft.