

9-26-69
RP 11-22-70

STATE		COUNTY		LATITUDE							LONGITUDE							SEQ. NO.
				DEG		MIN		SEC		N or S	DEG		MIN		SEC			
1	2	3	4	5	6	7	8	9	10		11	12	13	14	15	16	17	18
1	9	1	7	4	2	5	6	4	1	N	0	9	3	2	3	0	7	1

WELL SCHEDULE
US GEOLOGICAL SURVEY

IOWA DISTRICT WRD

WELL NO 094-22W-24ACA CO CERRIL GORDON
OWNER TOWN WELL ADDRESS THORNTON
DRILLER HPEC & AMES DATE DRLD 7-14-55
MAP _____
SOURCE OF DATA FILE
DESCRIPTION M. P. LSD FEET (ABOVE) (BELOW) LSD

[illegible]

WELL-DESCRIPTION CARD - B

[illegible]

HYDROGEOLOGIC CARD - C

[illegible]

CASING AND SCREEN (SIZE, TYPE, INTERVALS):

22' ϕ F 16" ϕ .D. PIPE 0-22'
272' ϕ F 10" PIPE, + 2-270'
 ϕ REN HOLE 270'-539'

CODED BY Nexum SD DATE 12-14-72

PUNCHED BY Hexum DATE 12-21-72

VERIFIED BY _____ DATE _____

SKETCH ON REVERSE: YES NO

no. MASTER DATA SHEETS

WELL NO. 094-22W-24-ACH

IOWA GEOLOGICAL SURVEY
In Cooperation with U. S. Geological Survey
RECORD OF WELL

W 7222

Location:

Town: THORNTON (NE)
(SW): County CERRO GORDO
NESWNE sec. 24 T. 94 N., R. 22 W. Twp.

Well name and number Thornton Town Well (1955)

Owner Town of Thornton Address _____

Tenant _____ Address _____

Contractor Hoes & Ames Address Lincoln

Drillers Whitey Rhodes

Drilling dates June 21 - July 14, 1955

Well data:

Altitudes: Drilling curb _____ feet; Land surface 1214 feet

Determined by J. Hoffer (Altimeter)

Topographic position _____

Total depth: Reported 539 feet, Measured _____ feet

Drilling method Cable Tool

Hole and casing data 22' of 16" OD from 0 to 22'

272' of 10" from +2 to 270'

Open hole from 270 to 539'

Original depth to water 167.57 ft. above _____ below LS Date _____

Source of data _____

Sources of water: Principal _____

Others _____

Production Data

Date July 15, 55
 Static water level 107.57
 Measuring point LS
 Pumping water level 171.78
 Yield (g. p. m.) 180
 Duration of pumping 8 hrs
 Specific capacity 2349/4

Pump Data

Type pump _____ Column diameter and length _____
 Cylinder or bowls diameter and length _____
 Suction pipe _____ Airline _____
 Power _____ Production _____ g. p. m. for _____ hours per day
 Use of water _____

Dissolved constituents and properties (in parts per million except as indicated)

Date sampled _____
 Sampled by _____
 Silica (SiO₂) _____
 Iron (Fe) _____
 Manganese (Mn) _____
 Calcium (Ca) _____
 Magnesium (Mg) _____
 Potassium (K) _____
 Sodium (Na) _____
 Carbonate (CO₃) _____
 Bicarbonate (HCO₃) _____
 Sulfate (SO₄) _____
 Chloride (Cl) _____
 Fluoride (F) _____
 Nitrate (NO₃) _____
 Dissolved solids _____
 Hardness (as CaCO₃) _____
 Total _____
 Grains per gallon _____
 Noncarbonate _____
 Alkalinity (as CaCO₃) _____
 pH _____
 Specific conductance _____
 (micromhos at 25°C) _____
 Temperature (°F) _____
 Analysis No. _____

Laboratory Data

Well No. W' 7222 Sample range 0-535 No. of samples 96
 No. of dupls. and cond. 96 good Washed range 118-535
 Samples prepared by Campbell Date 7-20-55
 Logged by NORTHUP Date 10/18/55
 Correlations by NORTHUP Date 10/18/55

EG10-6