

Story
Ames.

Ames City Well #4

Loc. NW SW - SE Sec. 2 T83N R24W

Elev.

W. 2268

5/7/46
m.c.p.

T.D. 12 4

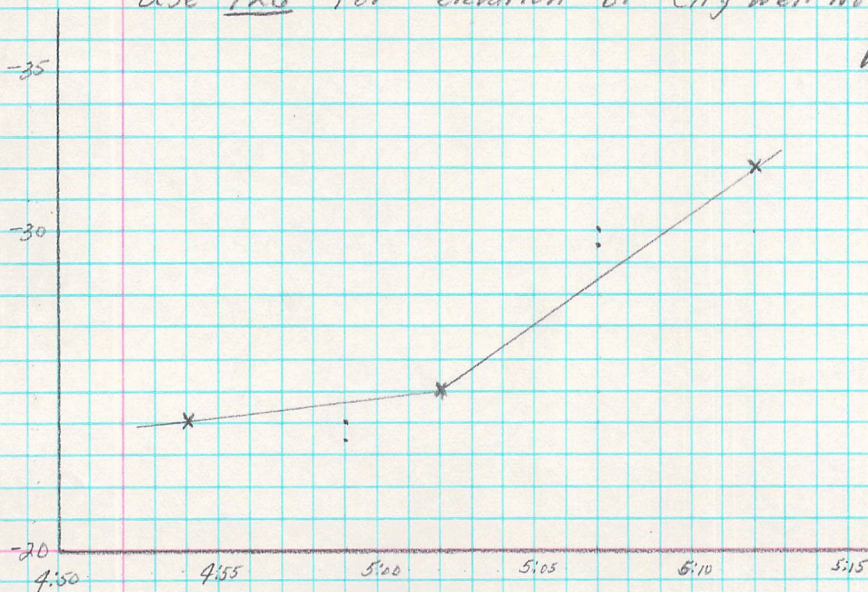
6-124 Please to come.

Altimeter Survey from C&NW R.R. Depot (Ames) to City Well No. 4.

Location: NWSW SE Sec 2, T83N, R24W, Franklin Twp. (Story)

Sta	Time	Reading	Corr.	Corr. Reading	Bar. Corr.	Elevation
Depot	4:54	944	0	944	-24	920
Well	4:59	950	0	950	-24	926
Depot	5:02	945	0	945	-25	920
Well	5:07	956	0	956	-30	926
Depot	5:12	952	0	952	-32	920

Use 926' for elevation of City Well No. 4.



Weather - Cloudy
Jan. 9, 1947
D. A. Morris.

IOWA GEOLOGICAL SURVEY
In Cooperation with U. S. Geological Survey

W2268

RECORD OF WELL

Location:

Town: Ames (N E)
(S W): County Story
NW 1/4, SE 1/4 sec. 2 T 83 N., R. 24 W. Washington Twp.

Well name and number Ames City Well No. 4

Owner City of Ames

Address _____

Tenant _____

Address _____

Contractor Wayne-Western Co. Inc.

Address _____

Drillers _____

Drilling dates June 1935

Well data:

Elevations: Drilling curb _____ feet; Land surface 926' feet

Altitude Survey from C & NW RR Depot (Ames)

Determined by D. G. Morris

Topographic position Valley

Total depth: Reported 124' feet, Measured _____ feet

Drilling method _____

Hole and casing data _____

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

Original elevation of water level _____ ft.; Source of data _____

Sources of water: Principal Plasticine; Others _____

Production data: _____ Date _____

Static depth to water _____ Measuring point _____

Pumping level _____ at _____ g.p.m.

Specific capacity _____ g.p.m. per ft. drawdown; Temperature _____ °F.

Pump data: Type pump _____ Column Dia. _____ Length _____

Cylinder or bowls: Dia. _____ Length _____ Suction pipe _____

Power _____ Airline _____

Estimated rate of production: _____ g.p.m. for _____ hrs. a day

Use of water _____

WATER ANALYSES (in parts per million)

Date samples	_____	_____	_____	_____
Sampled by	_____	_____	_____	_____
Total solids	_____	_____	_____	_____
Insoluble matter	_____	_____	_____	_____
Alkalinity (Meo)	_____	_____	_____	_____
Alkalinity (Phn)	_____	_____	_____	_____
pH	_____	_____	_____	_____
Fe ₂ O ₃ + Mn ₂ O ₃ + Al ₂ O ₃	_____	_____	_____	_____
Alkali as sodium	_____	_____	_____	_____
Calcium	_____	_____	_____	_____
Magnesium	_____	_____	_____	_____
Iron (unfiltered)	_____	_____	_____	_____
Manganese	_____	_____	_____	_____
Nitrate	_____	_____	_____	_____
Fluoride	_____	_____	_____	_____
Chloride	_____	_____	_____	_____
Sulfate	_____	_____	_____	_____
Bicarbonate	_____	_____	_____	_____
Hardness (ppm)	_____	_____	_____	_____
Hardness (gpg)	_____	_____	_____	_____
Remarks	_____	_____	_____	_____

Laboratory data: _____ Sample storage location _____

Sample range 0-124 No. spls. _____ No. dupls. & cond. _____

Spls. prepared by _____ Washed range _____ by _____

Driller's log and cond. _____

Insoluble residues: Prepared by _____ Studied by _____ Strip log _____

Microscopic study 0-124 M.P. strip log May 7, 1916 M.P.

Gen. log _____ Correl. by Mary Parker