

W. 5811

Location: N. side of turn at end of lower Main St. & Marquette Hwy

SE¹/₄ SE¹/₄ sec. 22. T 95 N., R. 3 W. Twp.

Well name and number McGregor City Well (1952)

Owner City #6 Address

[illegible]

Contractor Hoeg & Ames Address Lincoln, Ia

Drillers Ed Martin

Drilling dates _____ Completed Feb. 21, 1952

Well data:

Elevations: Drilling curb feet; Land surface 638 feet

Determined by

Topographic position

Total depth: Reported 116 feet, Measured feet

Drilling method

Hole and casing data 10" casing set at 90' and cemented in
St. Lawrence dol.

Original depth to water 15.3 ft. ^{above}_{below} Top of casing Date Feb. 22, 1952

Original elevation of water level 2 ft.; Source of data

Sources of water: Principal *St. Lawrence* ; Others

CASING DIAGRAM

LOG

Vertical Scale _____

0-63

Jordan sandstone

63-116

St. Lawrence dol.

Production data:

Date

Feb. 22, 1952

Static depth to water

15.3

Measuring point

Pumping level

23

at

325

g.p.m.

33

394

for 6 hours

Specific capacity

g.p.m. per ft. drawdown; Temperature

50

°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

 $\text{Fe}_2\text{O}_3 + \text{Mn}_2\text{O}_3 + \text{Al}_2\text{O}_3$

Alkali as sodium

Calcium

Magnesium

Iron (unfiltered)

Manganese

Nitrate

Fluoride

Chloride

Sulfate

Bicarbonate

Hardness (ppm)

Hardness (gpg)

Remarks

Laboratory data:

Sample storage location CK8-4

Sample range 0-115

No. spls. 23

No. dupls. & Cond. 23 9d

Spls. prepared by Berk

Washed range 0-115

by Berk

Driller's log and cond.

Insoluble residues: Prepared by

Studied by

Strip log

Microscopic study

strip log

3/10/52

Gen. log

Correl. by

NORTHUP

