

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

W-0049

RECORD OF WELL

Location:

Town: New London ( N E )  
( S W ): County Henry

SW-NE-NE sec. 26 T 71 N., R. 5 W. New London Twp.

|  |  |    |
|--|--|----|
|  |  |    |
|  |  | 26 |
|  |  |    |

Well name and number City Well #1

Owner

Address

Tenant

Address

Contractor

Jennings

Address

Drillers

Drilling dates

1916

Well data:

Elevations: Drilling curb \_\_\_\_\_ feet; Land surface 715 \_\_\_\_\_ feet

Determined by \_\_\_\_\_

Topographic position \_\_\_\_\_

Total depth: Reported 1485 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 \_\_\_\_\_; 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 (Phm)

pH

Fe<sub>2</sub>O<sub>3</sub> + Mn<sub>2</sub>O<sub>3</sub> + Al<sub>2</sub>O<sub>3</sub>

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 273-1440

No. spls.

64

No. dupls. & cond.

Spls. prepared by

Washed range

273-1440

by Guit

Driller's log and cond.

Insoluble residues: Prepared by

Studied by

Strip log

Microscopic study

strip log

Gen. log

Correl. by