

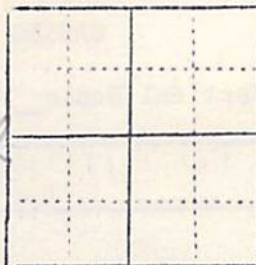
IOWA GEOLOGICAL SURVEY
In Cooperation with U. S. Geological Survey

W 5360

RECORD OF WELL

Location:

Town: Gilman (NE)
(SW) : County Marshall
SE NW sec. 24 T 82 N., R. 17 E. W. Twp.



Well name and number Gilman Town well (1952)

Owner Town of Gilman Address _____

Tenant _____ Address _____

Contractor Layne Western Address _____

Drillers _____

Drilling dates 3/6/52 - 3/26/52

Well data:

Elevations: Drilling curb _____ feet; Land surface _____ feet

Determined by _____

Topographic position flat of valley

Total depth: Reported 57 1/2 feet, Measured _____ feet

Drilling method clam bucket inside csg

Hole and casing data 15' of #5 bronze screen 8" gravel
packed with pea gravel to 5' above screen; 22' of
"buck shot" gravel; cemented at top

Note - Samples collected from piles on
ground. Depths 1 only - all drillers log

Original depth to water 3.3 ft. above _____ below top csg Date 3/31/52

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

Sources of water: Principal Pleist. sd; Others _____

Production data:

Date _____

Static depth to water 3.3Measuring point Top csgPumping level 11at 35g.p.m. after 4 hrs

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 _____

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

Alkali as sodium _____

Calcium _____

Magnesium _____

Iron (unfiltered) _____

Manganese _____

Nitrate _____

Fluoride _____

Chloride _____

Sulfate _____

Bicarbonate _____

Hardness (ppm) _____

Hardness (gpg) _____

Remarks _____

Laboratory data:

Sample storage location CK10-5Sample range 0-57No. spls. 8No. dupls. & Cond. 8PoorSpls. prepared by Nelson

Washed range _____

by Berk

Driller's log and cond. _____

Insoluble residues: Prepared by _____

Studied by _____

Strip log _____

Microscopic study _____

strip log Prof 5/26/52

Gen. log _____

Correl. by _____

Well Log Record

Contractor Layne Western Date drilled ¹⁸3/6/52 - ⁵⁰3/26/52

Record obtained from Diller Recorded by R M I