

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

W-2496

RECORD OF WELL

Location:

Town: Agency ( N E )  
( S W ): County Wapello  
E. \_\_\_\_\_  
sec. 3 1/2 T 72 N., R. 13 W. Agency Twp.


Well name and number Agency Test Well No 3 (1946)

Owner \_\_\_\_\_ Address \_\_\_\_\_

Tenant \_\_\_\_\_ Address \_\_\_\_\_

Contractor George Shawver Address: Hirkville

Drillers G. Shawver

Drilling dates \_\_\_\_\_

Well data:

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

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

Topographic position upland

Total depth: Reported 68 feet, Measured \_\_\_\_\_ feet

Drilling method cable tool

Hole and casing data closed to 65'

Original depth to water \_\_\_\_\_ above  
ft. below \_\_\_\_\_ Date \_\_\_\_\_

Original elevation of water level \_\_\_\_\_ ft.; Source of data \_\_\_\_\_

Sources of water: Principal Pluvtain; Others \_\_\_\_\_

Production data:

Date \_\_\_\_\_

Static depth to water \_\_\_\_\_

18

Measuring point \_\_\_\_\_

Pumping level \_\_\_\_\_

68

at \_\_\_\_\_

7

g.p.m.

failed

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<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 5-63'6" No. spls. 15

No. dupls. & cond. 15

P to P

Spls. prepared by D.A.M.

Washed range \_\_\_\_\_

by \_\_\_\_\_

Driller's log and cond. \_\_\_\_\_

Insoluble residues: Prepared by \_\_\_\_\_

Studied by \_\_\_\_\_

Strip log \_\_\_\_\_

Microscopic study 5-63'6"

strip log \_\_\_\_\_

Nov. 6, 1946

Gen. log \_\_\_\_\_

Correl. by \_\_\_\_\_

M. Parker