

068-05W-05DBC

7 1/2' West Point Quad

068-05W-05 DCAA

404252 0912715-01

1980 field located by D. Runkle

IOWA GEOLOGICAL SURVEY

In Cooperation with U. S. Geological Survey

W-0607

RECORD OF WELL



Town: West Point ( NE ) ( SW ): County Lee

SW-NW-SE sec. 5 T. 68 N., R. 5 W. W. Point Twp.

Well name and number City Well

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

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

Contractor Thorpe Well Co. Address Des Moines

Drillers \_\_\_\_\_

Drilling dates 1931

Well data: Elevations: Drilling curb \_\_\_\_\_ feet; Land surface 761 feet

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

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

Total depth: Reported 1160 feet, Measured \_\_\_\_\_ feet

Drilling method \_\_\_\_\_

Hole and casing data 244' of 8" set at 244'; 844' of 6"

Original depth to water 190 ft. <sup>above</sup> below \_\_\_\_\_ Date \_\_\_\_\_

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

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

Production data: \_\_\_\_\_ Date \_\_\_\_\_

Static depth to water 190 \_\_\_\_\_ Measuring point \_\_\_\_\_  
Pumping level 240 \_\_\_\_\_ at 45 \_\_\_\_\_ 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 <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 1160-1160 No. spls. 103 No. dupls. & cond. 101-6 cond.

Spls. prepared by \_\_\_\_\_ Washed range \_\_\_\_\_ by \_\_\_\_\_

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

Insoluble residues: Prepared by \_\_\_\_\_ Studied by \_\_\_\_\_ Strip log \_\_\_\_\_

Microscopic study Shuf strip log Shuf

Gen. log \_\_\_\_\_ Correl. by Shuf