

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

W-2760

RECORD OF WELL

Location:

Town: Lansing

( NE )  
( SW ) : County Allamakee


SEC. SWNW sec. 2 T 18 N., R. 3 W. Twp.

Well name and number Interstate Power Co. #1

Owner Interstate Power Co. Address Lansing, Iowa

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

Contractor Layne Western Address Ames, Iowa

Drillers George Shanner

Drilling dates Jan. 14 - Jan. 27 '47

Well data:

Elevations: Drilling curb \_\_\_\_\_ feet; Land surface 635 feet

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

Topographic position River Level

Total depth: Reported 234 feet, Measured \_\_\_\_\_ feet

Drilling method Cable

Hole and casing data 78' of 12" & 156' of 8"

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

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

Sources of water: Principal 225'; Others \_\_\_\_\_

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

Static depth to water 16' 4" Measuring point \_\_\_\_\_  
Pumping level 28' ± at 72 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 5-235 No. spls. 46 No. dupls. & cond. 44 Paer

Spls. prepared by REG Washed range 5-235 by PTH

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

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

Microscopic study 10-235 strip log D.A.M.

Gen. log \_\_\_\_\_ Correl. by D.A.M.

