

W-2727

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

RECORD OF WELL

Location:

(in town)

Town: Delaware

{ N-E }
{ S-W }

County: Delaware

Lot 184 NENE SW sec. 32 T 89 N., R. 4 W. Oneida Twp.

Well name and number Fred Weigel

Owner Fred Weigel

No 30

Address Delaware

Tenant

Address

Contractor Leroy Clark & Sons

Address Monticello

Drillers Lynn Clark

Drilling dates 1/9/47

Well data:

Elevations: Drilling curb _____ feet; Land surface 1070' feet

Determined by H. Level WJB

Topographic position valley

Total depth: Reported 99' feet, Measured _____ feet

Drilling method cable

Hole and casing data 22" of 5" casing

Original depth to water _____ above
ft. below _____ Date _____

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

Sources of water: Principal 25' Saline; Others _____

Production data:

Date _____

 Static depth to water 48 Measuring point _____
 Pumping level 90 at 10 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 ₂ O ₃ + Mn ₂ O ₃ + Al ₂ 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 W011-3Sample range 0-99 No. spls. 20 No. dupls. & cond. 19 FairSpls. prepared by REG Washed range 0-99 by REG

Driller's log and cond. _____

Insoluble residues: Prepared by _____ Studied by _____ Strip log _____

Microscopic study 0-99 strip log Jan. 4, 1947Gen. log _____ Correl. by M. Parker