

074-08W-31 BA

IOWA GEOLOGICAL SURVEY

7 1/2' Brighton Quad

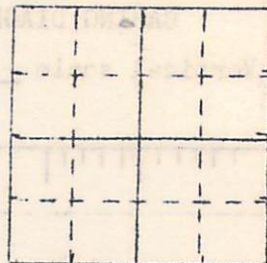
In Cooperation with U. S. Geological Survey

W-2012

411033N-0914916-01

074-08W-31 AB BB

RECORD OF WELL



Location:

1980/ well located by D. Kruster

Town: Brighton

(N E)

(S W);

County Washington

E.

NE NW

sec. 31 T. 74 N., R. 8 W. Brighton Twp.

Well name and number Brighton City Well

Owner Address

Tenant Address

Contractor Floyd Alspach Address Nowata, Okla.

Drillers Floyd Alspach

Drilling dates Fall 1923

Well data:

Elevations: Drilling curb 758 feet; Land surface feet

Determined by

Topographic position

Total depth: Reported 1818 feet, Measured feet

Drilling method

Hole and casing data 97' of 12" casing from 0 - 97'; 209' of 8" casing
 (Give amount, size, kind, and depth of all casing; type and
 position of seals and packers; cementing; how finished--perforated pipe, screen,
 gravel pack, open hole, etc.)
 from 0 to 209'; 6" casing set at 1492. Swedged nipple
 from 8" to 6" casing

Original depth to water above ft. below Date

Original elevation of water level ft.; Source of data

Sources of water: Principal New Richmond, onista; Others

Production data: Date _____
Static depth to water 90 Measuring point _____
Pumping level _____ at _____ 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 Municipal

WATER ANALYSES (in parts per million)

Date sampled	_____	_____	_____	_____
Sampled by	_____	_____	_____	_____
Total solids	_____	_____	_____	_____
Insoluble matter	<u>15.4</u>	_____	_____	_____
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 _____
Sample range 0-1810 No. spls. _____ No. dupls. & cond. _____
Spls. prepared by _____ Washed range _____ by gulf
Driller's log and cond. yes good
Insoluble residues: Prepared by _____ Studied by _____ Strip log _____
Microscopic study V 0-1810 Harris strip log Harris, April 1943, Connelman
Gen. log _____ Correl. by Harris