

W-0371

Town: BRITT { NE } County Hancock
SW NE SN sec. 28 T 96 N., R. 25 W. Britt Twp.

[illegible]

Drilling dates *Prior to 1917.*

Total depth: Reported 200 feet, Measured 200 feet

Hole and casing data

Original elevation of water level ft.; Source of data

Sources of water: Principal Devonian 185-200; Others 127-168 Ls. 609pm

CASING DIAGRAM

LOG

Vertical scale

0 - 127 1/2	Drift
127 1/2 - 168	Limestone
168 - 185	Shale
185 - 200	Limestone

Production data: _____ Date _____

Static depth to water _____ Measuring point _____

Pumping level _____ at 700 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 _____

Sample range 127-200 No. spls. 2 No. dupls. & cond. _____

Spls. prepared by _____ Washed range _____ by _____

Driller's log and cond. _____

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

Microscopic study EMP strip log May 5, 1960

Gen. log _____ Correl. by _____

REMARKS

log in Vol. 21

Wnumber: 371

Name Owner: BRITT, CITY OF {#1}

County: HANCOCK (IA) Quad map: BRITT

Location: T96N R25W Section 33 NW NE NE SE NW

B D A A E

Elev: 1223 Total depth: 168 Depth to bedrock:

Driller: UNKNOWN Date drilled: / /

Site type: Sample type: Log data:
Drilled hole Chips

Sample location: WC7-4 Prod:

Geologist: Log date: / / Geo: Casing: WQ: