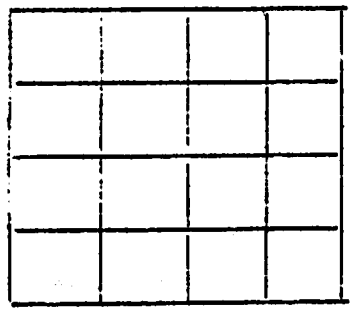
ICWA GEOLOGICAL SURVEY
In Cooperation with U.S. Geological Survey
RECORD OF WELL

#15673

Location:

Town: CHELSA (NE) (SW) County TAMA

SW Sec. 8, T. 82, N., R. 13 (E) (W) Twp.



Well name and number _____

Owner CHELSA Town Well Address CHELSA

Tenant _____ Address _____

Contractor LATTA & SONS Address RIVERSIDE, IA.

Drillers DUANE LATTA

Drilling dates JUNE '61

Well data:

Altitudes: Drilling curb ____ feet; Land surface _____ feet _____

_____

Determined by _____

Topographic position PLAIN

Total depth: Reported 38 feet; Measured 40 feet _____

_____

Drilling method ROTARY

Hole and casing data 6" 23' OF 6" APE

_____

_____

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

Source of data _____

Tama

February 10, 1964

Town Clerk
Chelsea,
Iowa

Dear Sir:

We have completed the examination of well cuttings from the Chelsea town well (1961).

A copy of our geologic log is enclosed for your files.

Very truly yours,

H. G. Hershey

HGH/m
Enclosure (1)

Sources of water: Principal 20-38'

Others

PRODUCTION DATA

Date

Static water level 10

Pumping water level 10

Yield (g.p.m.) 200

Measuring point

Duration of pumping

Specific capacity

LABORATORY DATA TL5-221

Well No. #15673 Sample range 0-40 No of samples 4

No. of dupls. and cond. ——— Washed range ———

Samples prepared by LOUEN Date 11/26/65

Logged by NORTHUP Date 11/16/64

Correlations by Date 11/16/64

WELL RECORD

Well is located.....miles N E W and.....miles N E W from

Chelsa (Nearest Town) in Benton (County),

in the .....¼.....¼ Sec.....T.....R.....

Owner Chelsa Well No.....

Postoffice address Chelsa Ia

Contractor Latta & Sons

Address Riverside, Ia

Driller Duane

Well begun 6- , 19 61;

completed 6- , 19 61

Rig used—Cable, Rotary, Jet, or.....

Depth of well 38' (Feet)

Size of hole (note total amount of each size)

6"

Main water supply at 20'-38' (Feet below surface)

Final water head -10 (Feet above or below surface)

Is well pumped? Yes

Yield 200 (Gallons per minute)

Water level when pumping -10

Position of well Plain (Upland, valley, side hill, etc.)

RECORD OF PERMANENT CASING

Size Pipe	Amount of Pipe	Depth to Bottom of Pipe	Depth to Top of Pipe	Type* and Weight of Pipe
6"	23'	23'	0	STN

DIAGRAM OF WELL



*As cast, wrought iron, steel, concrete, etc.

Is screen used? Yes Diameter 6" (Inches)

Length 15' (Feet) Depth to bottom 38'

Depth to top 23 Slot size 35

Are packers or seals used? Yes

Kind Lead

Where used Top Screen

Kind of pump Sea Air Dia. 4" (Inches)

Capacity of pump 200 (g.p.m.)

Power used (Kind and amount)

Depth to bottom of pump line feet,

including feet tailpiece.

Remarks on construction of well

Sample No.	DEPTH		THICKNESS
	From	To	
1	0	10	10
2	10	20	10
3	20	30	10
4	30	40	10

DESCRIPTION OF BEDS

KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC.

Top Soil & Yellow Clay
Sand
Sand
Sand