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

#15780

Location:

Town: central city (NE) (SW) County Linn

__ __ __ Sec. 3, T. 85, N., R. 6 (E) (W) Twp.

Well name and number

Owner central city Town well Address central city

Tenant Address

Contractor Hoeg + Ames Address Lincoln Ia.

Drillers E. Fink

Drilling dates 8-20 — 8-21, 63

Well data:

Altitudes: Drilling curb ____ feet; Land surface ____ feet

Determined by

Topographic position Valley

Total depth: Reported 104 feet; Measured ____ feet

Drilling method cable

Hole and casing data 30' OF 12" CSG. 0-30'

49' OF 8" CSG. SET @ 79'

Original depth to water ____ ft. above below ____ Date

Source of data

Sources of water: Principal 65-104

Others

PRODUCTION DATA

Date	
Static water level	11
Pumping water level	11
Yield (g.p.m.)	75
Measuring point	
Duration of pumping	
Specific capacity	

LABORATORY DATA TLS-271

Well No. # 15780 Sample range 0-104 No of samples 21

No. of dupls. and cond. 21 - Good Washed range 39-104

Samples prepared by Larry Pabst Date Dec. 17, 63

Logged by Northup Date 1/14/69

Correlations by " Date 1/14/69

National water well Association
MEMBER

Phone GR 3-2707

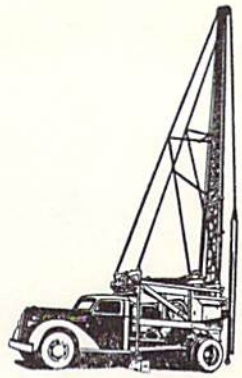
HOEG & AMES, Inc.

WELL CONTRACTORS WELL SUPPLIES

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LINCOLN, IOWA

August 23, 1963.



IOWA GEOLOGICAL SURVEY
AUG 26 1963

LOG OF WELL

Owner - The Town of Central City.
Address - Central City, Iowa.
Started the well - August 19, 1963.
Finished the well - August 22, 1963.
Total Depth - 104 feet.
Static water level - 11 feet.
Drawdown none , bailed 75 gallons per minute.
Drilled 30' of 12" hole and installed 30' of 12" pipe.
Drilled 8" hole from 30' to 104'. Installed 49' of 8" pipe fitted with 8" steel shoe.
Grouted between 8" pipe and 12" hole.
Driller - Ervol Fink.

FORMATION

Fill	0'	to	3'
Blue Clay	3'	to	26'
Yellow Clay	26'	to	39'
Soft Yellow Limestone	39'	to	80'
Grey Limestone	80'	to	104'

Total Depth - 104 feet.

W-15780

WELL RECORD

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

Central City (Nearest Town) in Linn (County),

in the NW¼SW¼ Sec. 2 T. 8S N. R. 6W

Owner Central City Well No. 3

Postoffice address Same

Contractor Hoag & Arnold

Address Lebanon Ore.

Driller Ernest Fink

Well begun 8-20, 19 63;

completed 8-21, 19 63

Rig used—Cable, Rotary, Jet, or Cable

Depth of well 104 (Feet)

Size of hole (note total amount of each size)

30" 12"

Main water supply at 60-104 (Feet below surface)

Final water head 11' (Feet above or below surface)

Is well pumped? Yes

Yield 75 # (Gallons per minute)

Water level when pumping 11'

Position of well Valley (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	DIAGRAM OF WELL
12	30'	30'			
8	56.10"	56.10"	3' above ground level		

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

Is screen used?..... Diameter.....
(Inches)

Length..... Depth to bottom.....
(Feet)

Depth to top.....Slot size.....

Are packers or seals used?.....

Kind .....

Where used.....

Kind of pump.....Dia.....
(Inches)

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

Power used.....
(Kind and amount)

Depth to bottom of pump line.....feet,

including .....feet tailpiece.

Remarks on construction of well.....

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Sample No.	DEPTH From	DEPTH To	THICKNESS	DESCRIPTION OF BEDS KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC.
	0	3	fill	
	3	26	sand	+ gravel
	26	39	Yellow	clay
	39	80	Yellow	lime soft.
	80	104	Grey	lime water in nearest well not dirty

Drilled 30' 12" hole
Drove 8" pipe to Rock
Drove it in Rock 8' 11"