21758

WELL RECORD

Well is located 3½ miles N E and ¼ miles N E from W W

Fontanelle in Adair
(Nearest Town) (County)

in the ¼ ¼ Sec. T. R.

Owner Town Fontanelle Well No. 2

Postoffice address

Contractor Longfellow Drilling Inc

Address Clearfield Ia

Driller Richard Longfellow

Well begun 4-9, 1926;

completed 4-9, 1926

Rig used—Cable, Rotary, Jet, or Bucket

Depth of well 40'
(Feet)

Size of hole (note total amount of each size) 24" to 20'
16" To 47'

Main water supply at [redacted] 26' to 40'
(Feet below surface)

Final water head -20.6
(Feet above or below surface)

Is well pumped? Yes

Yield 846PM
(Gallons per minute)

Water level when pumping 27.95' after 24 Hrs

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

Well is near West Fork Middle Nodaway River

Date and Time	Water Level	SOURCE OF WATER		Production in Gallons per Minute	Pumping Level
		Depth	Type of Rock		
2:10 4-9-76					

NOTE: Water levels should be recorded at time of change AND at regular intervals; for example each morning before drilling starts or at the end of each 100 feet of drilling.

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

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

Is screen used? yes Diameter 16" (Inches)

Length 10' (Feet) Depth to bottom 47'

Depth to top 37' Slot size .100

Are packers or seals used? No

Kind —

Where used —

Kind of pump Submersible Dia. 4 (Inches)

Capacity of pump 100 GPM (g.p.m.)

Power used 230 Volt Single Phase (Kind and amount)

Depth to bottom of pump line 37' feet,

including — feet tailpiece.

Remarks on construction of well The well was gravel Paked & Surged to Developement

SAMPLE NO.	DEPTH From	DEPTH To	THICKNESS	DESCRIPTION OF BEDS — KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC.
1	0	1'		Brown Top Soil
2	1	3		Black Soil
3	3'	6'		Black & Grey Sandy
4	6'	10'		Brown & Grey Sandy Silt
5	10'	12'		Brown & Grey Silt
6	12'	17'		" " "
7	17	21'		Grey & Brown Silt
8	21'	22'		Grey Silt
9	22'	24'		Grey Silt SAND
10	24'	26'		Yellow Silt SAND
11	26'	28'		Brown SAND & Gravel
12	28'	30'		Brown & Grey Gravel
13	30'	35		Grey SAND and Gravel
14	35'	39'		Grey Gravel
15	39'	40'		ROCKS