DRILLER'S NOTEBOOK

WELL RECORD

Driller LATTA Well + Pump

Address R#2 Box 21

Wilton, IA.

52778

Owner Saulsbury Bridge Rec. Area

Tenant Muscatine Co. Conservation

Address R#4

Muscatine, Iowa 52761

RETURN TO

IOWA GEOLOGICAL SURVEY

IOWA CITY, IOWA

Send 2 Copies of Well record to Driller

Send 1 Copy of Well record to owner

#26722

WELL RECORD

Well is located _____ N/E miles S and _____ N/E miles S from
W W
Saulsbury Bridge Recreation Area in Muscatine,
(Nearest Town) (County)

in the ____ ¼ ____ ¼ Sec. 2 T. 77N R. 3W

Owner Musc. Co. Cons. Comm Well No. 2

Postoffice address _____

Contractor Latta Well & Pump

Address Wilton Ia

Driller Mark + Kirk Latta

Well begun 7-29, 1982;

completed 7-29, 1982

Rig used—Cable, (Rotary), Jet, or _____

Depth of well 173
(Feet)

Size of hole (note total amount of each size) _____

12" top 40' 6 3/4" from 40-173

Main water supply at 168-173
(Feet below surface)

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

Is well pumped? yes

Yield 100
(Gallons per minute)

Water level when pumping 20'

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

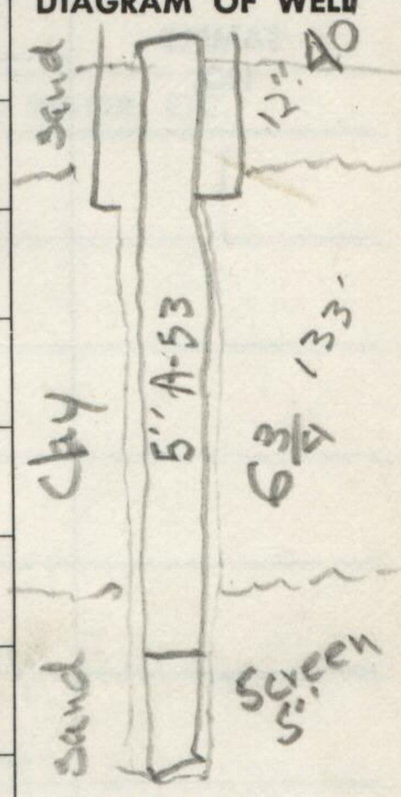
Date and Time	Water Level	SOURCE OF WATER		Production in Gallons per Minute	Pumping Level
		Depth	Type of Rock		

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
5"	168	167	+1	A-53 T&C

DIAGRAM OF WELL



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

Is screen used? yes Diameter 5" (Inches)

Length 5'2" (Feet) Depth to bottom 172'-9"

Depth to top 167'-7" Slot size 14

Are packers or seals used? no

Kind —

Where used —

Kind of pump air Dia. 3½ (Inches)

Capacity of pump 425 cfm (g.p.m.)

Power used Air (Kind and amount)

Depth to bottom of pump line 60 feet,

including _____ feet tailpiece.

Remarks on construction of well gusher in Stanwood Channel well cemented to 40' min

SAMPLE NO.	DEPTH		THICKNESS	DESCRIPTION OF BEDS
	From	To		KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC.
1	0	5	5	red sand
	5	10		" "
	10	15		" "
	15	20		" "
	20	25		" " gray san
	25	30		gray sand
	30	35		" "
	35	40		" " gray mud
	40	45		gray mud
	45	50		" "
	50	55		" "
	55	60		" "
	60	65		" sand
	65	70		" "
	70	75		" mud
	75	80		" "
	80	95		" "

SAMPLE NO.	DEPTH		THICKNESS	DESCRIPTION OF BEDS
	From	To		KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC.
	85	90	5	gray mud
	90	95		" "
	95	100		" "
	100	105		" "
	105	110		" "
	110	115		" "
	115	120		" "
	120	125		" "
	125	130		" "
	130	135		" "
	135	140		" "
	140	145		" "
	145	150		" "
	150	155		gray sand
	155	160		" "
	160	165		" "
	165	170		"

SAMPLE NO.	DEPTH		THICKNESS	DESCRIPTION OF BEDS
	From	To		KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC.
	170	175	5'	gray sand
	175	180		
				Total depth - 172'-9"
				static 10
				test pumped - 40 gpm @ 60'
				5'-2" ss 5" screen