DRILLER'S NOTEBOOK

WELL RECORD

Driller Art Middendorff

Address Sioux Rapids

Iowa

Owner

Tenant

Address Wallingford

RETURN TO

IOWA GEOLOGICAL SURVEY

IOWA CITY, IOWA

#26798

WELL RECORD

Well is located_____ N/E miles S and _____ N/E miles S from W/W

In Wallingford in Dickenson,
(Nearest Town) (County)

in the ____ ¼ ____ ¼ Sec. _____ T. _____ R. _____

Owner C. L. Wallingford Well No. 1

Postoffice address Wallingford

Contractor Middendorf Well Co

Address Sioux Rapids Iowa

Driller Art Middendorf

Well begun June, 19 41;

completed June, 19 41

Rig used—Cable, Rotary, Jet, or _____

Depth of well 161
(Feet)

Size of hole (note total amount of each size) 8"

Main water supply at 141
(Feet below surface)

Final water head 55
(Feet above or below surface)

Is well pumped? Yes

Yield 95
(Gallons per minute)

Water level when pumping 20 draw down after 6 hrs. pumping

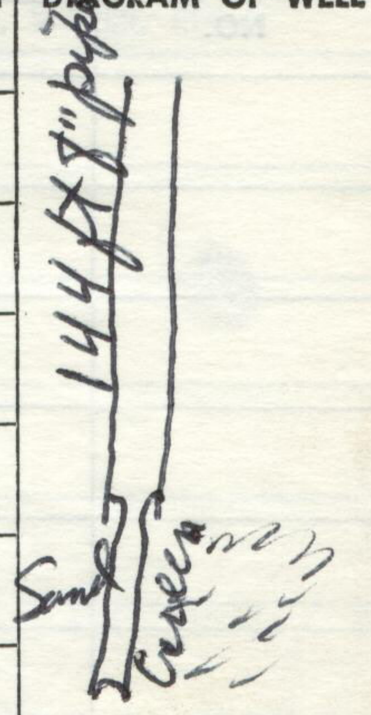
Position of well _____
(Upland, valley, side hill, etc.)

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	DIAGRAM OF WELL



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

Is screen used? yes Diameter 6" pipe size (Inches)

Length 14 (Feet) Depth to bottom 161

Depth to top 140 Slot size 11 - 45 Slot 4' 30 slot

Are packers or seals used? yes

Kind K packer SS

Where used on top

Kind of pump Sub Dia. (Inches)

Capacity of pump 90 (g.p.m.)

Power used Elec (Kind and amount)

Depth to bottom of pump line 80 feet,

including feet tailpiece.

Remarks on construction of well

45-55

SAMPLE NO.	DEPTH From	DEPTH To	THICKNESS	DESCRIPTION OF BEDS — KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC.
	0	5		Black topsoil
	5	10		gravel
	10	15		"
	15	20		"
	20	25		blue clay
	25	30		blue clay
	30	35		" "
	35	40		" "
	40	45		" "
	45	50		blue clay and wood - mixed
	50	55		" " " "
	55	60		blue clay
	60	65		" "
	65	70		" "
	70	75		" "
	75	80		green clay
	80	85		" "

SAMPLE NO.	DEPTH From	DEPTH To	THICKNESS	DESCRIPTION OF BEDS KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC.
	85	90		green clay
	90	95		blue clay
	95	100		blue clay
	100	105		" "
	105	110		green clay
	110	115		yellow clay
	115	120		yellow clay
	120	125		blue "
	125	130		" "
	130	135		green "clay
	135	140		green clay & strips of gravel
	141	160		Sand & gravel with water.
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