DRILLER'S NOTEBOOK

WELL RECORD

Driller LATTA Well & Pump

Address R#2 Box 15A

Wilton, Iowa 52778

Owner Mark Twain Meadows

Tenant K. Gregersen, D. Coder, R. Lande

Address

Muscatine, Iowa 52761

RETURN TO

IOWA GEOLOGICAL SURVEY

IOWA CITY, IOWA

Send Copy of Log to Driller and
Ahlbrecht Surveying
Attn: Linc Martin, 1508 Bidwell, Muscatine, Ia.

25772

WELL RECORD

Well is located _____ miles N E S W and 1 miles (N) E W from

Muscatine (Nearest Town) in Muscatine (County),

in the ¼ NE ¼ Sec. 23 T. 77N R. 2 W

Owner Mark Twain Meadows Well No. #1

Postoffice address Muscatine, Iowa 52761

Contractor Latta Well & Pump

Address R#2, Wilton, Iowa 52778

Driller Kirk & Mark Latta

Well begun 2-6, 1980;

completed 2-11, 1980

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

Depth of well 323 (Feet)

Size of hole (note total amount of each size) 9" 0' to 128½'

5⅞" 128½' to 181', 5¾" 181' to 323'

Main water supply at _____ (Feet below surface)

Final water head 65' Approx. (Feet above or below surface)

Is well pumped? yes

Yield 2 00 (Gallons per minute)

Water level when pumping 110' - 130'

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

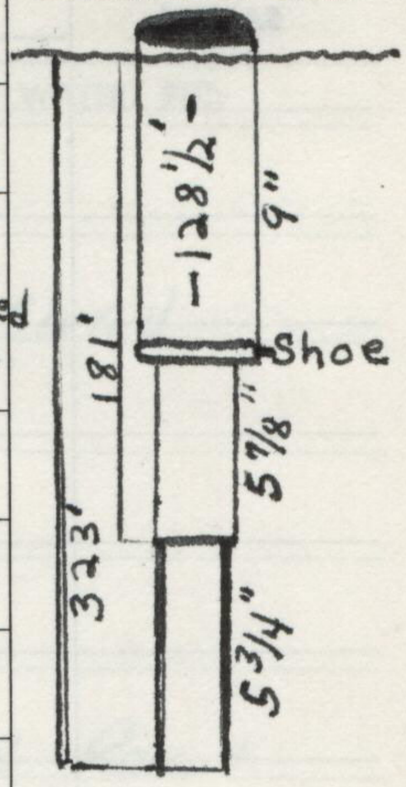
Date and Time	Water Level	SOURCE OF WATER		Production in Gallons per Minute	Pumping Level
		Depth	Type of Rock		

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
6"	128½'	-127'	+1½'	Steel 19.45# Per ft. T+C w/Recessed cplgs.
Sched. 40				

DIAGRAM OF WELL



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

Is screen used? NO Diameter — (Inches)

Length — (Feet) Depth to bottom —

Depth to top — Slot size —

Are packers or seals used? —

Kind —

Where used —

Kind of pump Air lift Dia. 3" (Inches)

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

Power used 96# @ 600 CFM (Kind and amount)

Depth to bottom of pump line 323 feet,

including — feet tailpiece.

Remarks on construction of well Limestone @ 81'
251'-253' Green Shale (stable)
299'-317' Huge Fractures - Cave

Well #1

SAMPLE NO.	DEPTH From	DEPTH To	THICKNESS	DESCRIPTION OF BEDS — KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC.
	0'	5	5'	Brown Clay
	5'	10'	5'	Brown Clay - Red sand
	10'	15'		Red Sand
	15'	20'		" "
	20'	25'	15'	" "
	25'	30'	5'	Red Sand - Streak Peat
	30'	35'		Coarse Red Sand
	35'	40'		" " "
	40'	45'		" " "
	45'	50'	20'	" " "
	50'	55'		Coarse Sand - Gravel
	55'	60'		" " "
	60'	65'		" " "
	65'	70'		" " "
	70'	75'		" " "
	75'	80'	30'	" " "
	80'	85'	5'	Coarse Gravel - White Limestone

SAMPLE NO.	DEPTH From	DEPTH To	THICKNESS	DESCRIPTION OF BEDS KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC.
	85'	90'		Gray Limestone
	90'	95'		" "
	95'	100'		" "
	100'	105'		" "
	105'	110'		" "
	110'	115'		" "
	115'	120'		" "
	120'	125'		" "
	125'	129'	4'	" "
	129'	130'	1'	Sample Cement - Shoe - Check Valve
	130'	135		Gray Limestone
	135'	140'		" "
	140'	145'		" "
	145'	150'		" "
	150'	155'		" "
	155'	160'		" "
	160'	165'	35'	" "

SAMPLE NO.	DEPTH From	DEPTH To	THICKNESS	DESCRIPTION OF BEDS KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC.
	165'	170'	5'	White Limestone
	170'	175'		Gray Limestone
	175'	180'		" "
	180'	185'	15'	" "
	185'	190'	5'	Whitish Brown Limestone
	190'	195'	5'	White Limestone
	195'	200'		Gray Limestone
	200'	205'		" "
	205'	210'	15'	" "
	210'	215'		White Limestone
	215'	220'		" "
	220'	225'		" "
	225'	230'		" "
	230'	235'		" "
	235'	240'	30'	" "
	240'	245'		Gray Limestone
	245'	250'	10'	" "

SAMPLE NO.	DEPTH From	DEPTH To	THICKNESS	DESCRIPTION OF BEDS KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC.
	250'	255'	5'	Green Shale & Limestone
	255'	300'	45'	White Limestone
	300'	323'	23'	White Limestone w/ Large Fractures