Well #1

#26908

DRILLER'S NOTEBOOK

WELL RECORD

Driller R. Banks Well Co. Inc

Address RR

St Charles, Ia

50240

Owner Xenia Rural Water

Tenant

Address Woodward

Iowa

RETURN TO

IOWA GEOLOGICAL SURVEY

IOWA CITY, IOWA

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

Well dug with bucket machine.

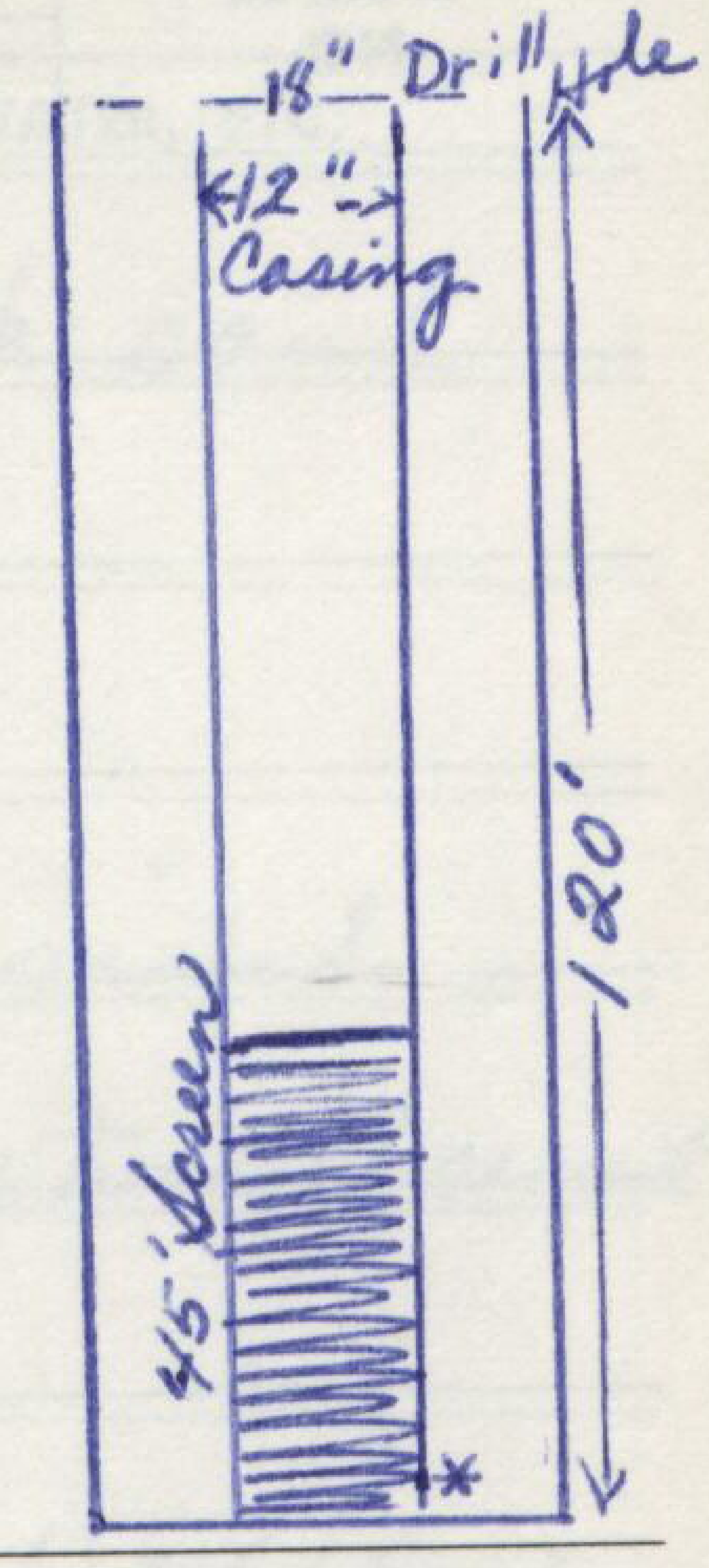
7-14-82 50'
7-15-82 81'
7-16-82 107'
7-17-82 120'

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
12"	66'10"	74'	7'2"	Black Steel

DIAGRAM OF WELL



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

*screen 1 ft off bottom

Is screen used? yes Diameter 12 (Inches)

Length 45 (Feet) Depth to bottom 119

Depth to top 74 Slot size 50 Slot

Are packers or seals used? no

Kind —

Where used —

Kind of pump Jacuzzi Dia. 6 (Inches)

Capacity of pump 300 (g.p.m.)

Power used 3phase 460 V (Kind and amount)

Depth to bottom of pump line 110 feet,

including — feet tailpiece.

Remarks on construction of well ______

______

SAMPLE NO.	DEPTH From	DEPTH To	THICKNESS	DESCRIPTION OF BEDS — KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC.
	0	5	5 ft.	Top Soil Brown with sand
	5	10	5 ft.	Sandy Soil
	10	15	5 ft.	Gray Clay
	15	20	5 ft.	Gray Clay w/sand mixed
	20	25	5 ft.	Gray Clay W rock pebbles Soil damp turned to cement
	25	30	5 ft.	" " "
	30	35	5 ft.	Gray Clay with more rock pebbles
	35	40	5 ft.	Gray Clay with rock pebbles
	40	45	5 ft.	Gray Clay with rock pebbles a little bit of sand
	45	50	5 ft.	Gray Clay with gravel mixed
	50	55	5 ft.	Gray Clay with sand mixed
	55	60	5 ft.	More grey clay some sand mixed
	60	65	5 ft.	Grey clay sand + rock pebbles
	65	70	5 ft.	Sand + gravel (med.)
	70	75	5 ft.	Sand + gravel (med.)
	75	80	5 ft.	Sand + gravel (med.)
	80	85	5 ft.	Sand + gravel (med. to fine)
	85	90		Sand - fine

(over)

SAMPLE NO.	DEPTH From	DEPTH To	THICKNESS	DESCRIPTION OF BEDS KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC.
	90	95	5 ft.	Sand fine
	95	100	5 ft.	extremely fine sand
	100	105	5 ft.	yellow sand + clay mixed
	105	110	5 ft.	lighter brown with rock pebbles
	110	115	5 ft.	fine sand
	115	bottom	5 ft.	blackish grey slate