

# DRILLER'S NOTEBOOK

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## WELL RECORD

Driller LAYNE - WESTERN C.

Address AMES IOWA

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13156 -79

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Owner WAVERLY UTILITIES

Tenant \_\_\_\_\_

Address \_\_\_\_\_

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RETURN TO

**IOWA GEOLOGICAL SURVEY**

**IOWA CITY, IOWA**



# 26606

WELL RECORD

Well is located \_\_\_\_\_ miles S and \_\_\_\_\_ miles S from  
N E N  
E E  
W W

Waverly in Bremer,  
(Nearest Town) (County)

in the \_\_\_\_\_ 1/4 \_\_\_\_\_ 1/4 Sec. \_\_\_\_\_ T. \_\_\_\_\_ R. \_\_\_\_\_

Owner Waverly Utilities Well No. 6

Postoffice address \_\_\_\_\_

Contractor Layne-Western Co

Address Ames Iowa

Driller Wayne LaFontaine

Well begun 11-26-79, 19\_\_;

completed 1-11-80, 19\_\_

Rig used—Cable, Rotary, Jet, or \_\_\_\_\_

Depth of well 170'  
(Feet)

Size of hole (note total amount of each size) 23"-37'  
21"-31' 19"-68'-134'

Main water supply at 15"-134-  
(Feet below surface)

Final water head 34'  
(Feet above or below surface)

Is well pumped? YES

Yield 1326 24 Hours  
(Gallons per minute)

Water level when pumping 116 82' DD

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







SAMPLE NO.	DEPTH		THICKNESS	DESCRIPTION OF BEDS
	From	To		KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC.
	0	1		SOIL BLACK
	1	6		CLAY SANDY BROWN
	6	10		VOID
	10	15		SAND BROWN
	15	20	LIMESTONE @ 17'	LIMESTONE BROKEN BROWN
	20	25	HARD @ 21'	LIMESTONE BROWN HARD
	25	30	BROKEN @ 25'	LIMESTONE BROKEN BROWN
	30	35	HARD @ 31'	LIMESTONE BROWN HARD
	35	40		
	40	45		
	45	50	BROKEN @ 47'	LIMESTONE BROKEN BROWN
	50	55	HARD @ 54'	LIMESTONE BROWN HARD
	55	60		
	60	65		
	65	70		
	70	75		
	75	80		



SAMPLE NO.	DEPTH		THICKNESS	DESCRIPTION OF BEDS
	From	To		KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC.
	80	85		LIMESTONE BROWN HARD
	85	90		
	90	95	VERY HARD @ 91'	LIMESTONE BROWN VERY HARD
	95	100	HARD @ 99	LIMESTONE BROWN HARD
	100	105	VERY HARD @ 104'	LIMESTONE VERY HARD
	105	110	HARD + SHALE @ 108	LIMESTONE SOME SHALE HARD
	110	115	SHALE @ 114'	SHALE + BROKEN LIMESTONE BROWN
	115	120	HARD @ 119'	LIMESTONE BROWN HARD
	120	125		
	125	130		
	130	135		
CREVICE @ 138	135	140		
	140	145		
CREVICE @ 149	145	150	VERY HARD @ 149	LIMESTONE BROWN VERY HARD
	150	155	GREY @ 154'	LIMESTONE GREY <del>VERY</del> HARD
	155	160		
	160	165		



