

1. Contract.....Algona.....Date..... 9-8-78.....
 2. City and State.....Algona, Iowa.....Driller.....Tom Payton.....
 3. Well No. 7.....at test hole No. 77-1.....Well location (attach map)..... 285' S. of well
 #6 and 25' N. of sanitary sewer.....

4. Work completed.....9-8-78..... No of man hours as charged to job on time sheet

5. MATERIAL:	LENGTH	DIA.	GAUGE OR WALL THICKNESS	MATERIAL	TYPE	NO. OF OPENINGS
6. Screen	30'	14"OD		stainless Steel	Johnson	40
7. Inner Casing	116'	14"OD	.375	steel		
8. Outer Casing	45'	30"OD	0.500"	steel		
9. 30 tons of gravel used in the well. Size Muscatine #1						

10. Test of well. Did you use test or permanent pump?

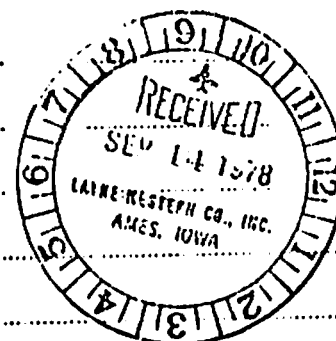
Size of Bowl	Stages

11. Size of orifice.....inch by.....inch. Orifice tube reading.....inches.

12. Pumping test — measurements from ground level:

TIME	G.P.M.	STATIC	DRAWDOWN	PUMPING LEVEL
.....				
.....				
.....				
.....				
.....				
.....				
.....				

Bailed the well-test pump by Ames office.....



13. Recovery in 5 minutes....., in 30 minutes.....

14. Did you seal bottom of well? Thickness inches, material.....

15. Well underreamed? From.....feet to.....feet,feet to.....feet.

16. If all screen was not placed at bottom, state how it was spaced.

From.....feet to.....feet; from.....feet to.....feet; from.....feet to.....feet.

17. Depth of well from ground level to top of plug Size of drilled hole.....

18. Was cement placed around or between any of the casings? outer casing

19. If so, state where, how much and method used. 4 yards through tremmie pipe.

CONTRACT.....Algona, Iowa

Well No.....7

Log of well from ground level:

Feet	Feet	Formation
0	to 2	br. clay w/pebbles
2	to 15	sticky yellow clay w/little gravel
15	to 45	sticky clay w/little gravel & boulders
45	to 47	lt. br. coarse sand and gravel
47	to 62	lt. brownish gray fine and coarse gravel
62	to 70	coarse sand and gravel
70	to 73	gravel and boulders
73	to 73½	bl. clay
73½	to 107	dakota sandstone, med.
107	to 133	dakota sandstone, fairly coarse w/loose streaks
133	to 133½	dakota sandstone, hard
133½	to 141	dakota sandstone, gravel size, loose
141	to	blue shale
	to	
	to	
	to	

