

1. Contract..... City of Shenandoah..... Date 9/15/75.....
 2. City and State..... Shenandoah, Iowa..... Driller Harold Statz.....
 3. Well No. 23 at test hole No. 73-5 Well location (attach map) North of airport beacon.....

4. Work completed..... 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	10'	18"	7 Gauge	Stainless Steel	Layne	5
7. Inner Casing	33'6"	18"	.375"	Steel	Welded	
8. Outer Casing						

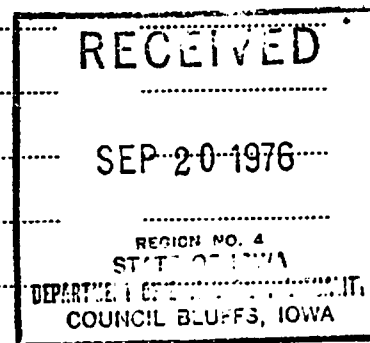
9. 9 tons of gravel used in the well. Size road gravel.....

10. Test of well. Did you use test or permanent pump? Test..... 6..... 15.....
 Size of Bowl Stages

11. Size of orifice 6 inch by 3 inch. Orifice tube reading 31 inches.

12. Pumping test — measurements from ground level:

TIME	G.P.M.	STATIC	DRAWDOWN	PUMPING LEVEL
24 Hrs.	186	6'	12'	18'



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

14. Did you seal bottom of well? Yes..... Thickness 3/16 inches, material stainless steel.....

15. Well underreamed? No From..... feet to..... feet,..... feet to..... feet.

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

From 25 feet to 35 feet; from..... feet to..... feet; from..... feet to..... feet.

17. Depth of well from ground level to top of plug 35' Size of drilled hole 16'

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

19. If so, state where, how much and method used. Top 15', 4 Yds. with 8 - #6 bars with

#3 bars at 18" cc for ties

The diagram illustrates the vertical and horizontal dimensions of a well casing and gravel pack assembly. The horizontal dimensions at the top are: a total depth of 35', a gravel pack length of 20', a concrete section of 15', and a casing extension of 8'6". The vertical dimensions on the left show a 36" diameter for the drilled hole. The horizontal dimensions at the bottom are: a 10' screen section, a 33'6" casing section, and a 3/16" plug. The diagram also indicates the natural ground level at the bottom right.