

**Layne-Western Company, Inc.** **Well Information**  
 Omaha, Nebraska

1. Contract Denison Utilities Date 6-26-71  
 2. City and State Denison, Iowa Driller Harold Statz  
 3. Well No. 5 at test hole No. 71-5 Well location (attach map) NW of water plant  
1 mile

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	<u>25'</u>	<u>18"</u>	<u>7/8"</u>	<u>SS</u>	<u>Layne</u>	<u>4</u>
7. Inner Casing	<u>50'</u>	<u>18"</u>	<u>3/8"</u>	<u>Steel</u>	<u>Welded</u>	
8. Outer Casing						

9. 25 tons of gravel used in the well. Size Road gravel

10. Test of well. Did you use test or permanent pump? Permanent 12 2  
 Size of Bowl Stages

11. Size of orifice 8 inch by 5 inch. Orifice tube reading \_\_\_\_\_ inches.

12. Pumping test — measurements from ground level:

TIME	G.P.M.	STATIC	DRAWDOWN	PUMPING LEVEL
<u>6 hrs.</u>	<u>875</u>	<u>34'</u>	<u>9'</u>	<u>43'</u>

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

14. Did you seal bottom of well? yes Thickness 1/2 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 47 feet to 72 feet; from \_\_\_\_\_ feet to \_\_\_\_\_ feet; from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

17. Depth of well from ground level to top of plug 72' Size of drilled hole 42'

18. Was cement placed around or between any of the casings? no

19. If so, state where, how much and method used. \_\_\_\_\_

*Layne-Western Company*

Omaha, Nebraska

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Log of well from ground level:

Feet	Feet	Formation
0	to 3	Top Soil
3	to 6	fill
6	to 12	black clay
12	to 20	brown clay
20	to 37	gray-blue clay
37	to 43	coarse fine sand
43	to 72	gravel - boulders- coarse sand
	to	
	to	
	to	
	to	
	to	
	to	
	to	
	to	
	to	
	to	
	to	

