Layne-Western Company, Inc. — Well Information

Omaha, Nebraska

1. Contract Denison Date January 27, 1982

2. City and State Denison, Iowa Driller Tom Payton

3. Well No. 8 at test hole No. 79-2 Well location (attach map) East of Hwy. 39 NE of Hwy. 141 and South of sub-station.

4. Work completed 01/27/82 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	20'	16"		S.S.	Cook	515/100
7. Inner Casing	48'	16"	3/8	steel		
8. Outer Casing						

9. 15 tons of gravel used in the well. Size road

10. Test of well. Did you use test or permanent pump? test 12 Size of Bowl 3 Stages

11. Size of orifice 6 inch by 5 inch. Orifice tube reading inches.

12. Pumping test — measurements from ground level:

TIME	G.P.M.	STATIC	DRAWDOWN	PUMPING LEVEL
	578	25.5	7	32.5

13. Recovery in 5 minutes 26.5, in 30 minutes 26.25

14. Did you seal bottom of well? yes Thickness ¼ inches, material stainless steel

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 60' 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, Inc. **Well Information** Omaha, Nebraska

CONTRACT Denison, Iowa Well No. 8

Log of well from ground level:

Feet		Feet	Formation
	to		
0'	to	10'	Black soil
10'	to	24'	Blue clay
24'	to	59'	Coarse sand and gravel w/boulders
59'	to		Blue clay
	to		
	to		
	to		
	to		
	to		
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