Layne-Western Company, Inc. — Well Information

Omaha, Nebraska

1. Contract City of Denison Date October 29, 1975

2. City and State Denison, Iowa Driller Harold Statz

3. Well No. 7 at test hole No. 72-3 Well location (attach map) 300' West of John Deere Implement Building

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	20'	16"	7 Gauge	Stainless Steel	Layne	5
7. Inner Casing	68'	16"	.375"	Steel	Welded	
8. Outer Casing						

9. 30 tons of gravel used in the well. Size road gravel

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 21 inches.

12. Pumping test — measurements from ground level:

TIME	G.P.M.	STATIC	DRAWDOWN	PUMPING LEVEL
24 Hrs.	560	36'	13'	49'

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 62 feet to 82 feet; from ____ feet to ____ feet; from ____ feet to ____ feet.

17. Depth of well from ground level to top of plug 82' 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 Formation

Omaha, Nebraska

CONTRACT Denison, Iowa Well No. 7

Log of well from ground level:

Feet		Feet	Formation
0'	to	5'	Top soil
5'	to	35'	Brown clay
35'	to	40'	Fine sand
40'	to	45'	Gravel - Coarse - fine sand
45'	to	82'	Gravel - Coarse sand, boulders
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