

Layne-Western Company, Inc.

Well Information

Omaha, Nebraska

1. Contract City of Manning Date 3-18-77

2. City and State Manning, Iowa Driller Jim Kentschler

3. Well No. 77-1 (Test Well) at test hole No. 76-1 Well location (attach map)

4. Work completed No of man hours as charged to job on time sheet

MATERIAL:	LENGTH	DIA.	GAUGE OR WALL THICKNESS	MATERIAL	TYPE	NO. OF OPENINGS
5. Screen	10'	8"	1/4"	PLASTIC	PVC	
6. Inner Casing	35'	8"	1/4"	PLASTIC	PVC	
7. Outer Casing						

8. 6. tons of gravel used in the well. Size road gravel

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

10. Size of orifice 4 inch by 3 inch. Orifice tube reading 21 inches

11. Pumping test — measurements from ground level:

TIME	G.P.M.	STATIC	DRAWDOWN	PUMPING LEVEL
24 hr.	201	9'	20'	29'

12. Recovery in 5 minutes 16' in 10 minutes full

13. Did you seal bottom of well? yes Thickness 1/4" inches, material PVC cap.

14. Well underreamed? no From feet to feet, feet to feet.

15. 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.

16. Depth of well from ground level to top of plug 45' Size of drilled hole 18"

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

18. If so, state where, how much and method used.

