

Layne-Western Co., Inc. Omaha, Nebraska

Well Information

1. Contract Fremont County Conservation Board Date April 12, 1963
2. City and State Sidney, Iowa Driller Harold Statz
3. Well No. 1 at test hole No. 62-3 Well location (attach map) 225' east of Highway 275
north of County road

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
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6. Screen	30'	8"	18-8	Stainless	Layne	5
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7. Inner Casing	98' 6"	8"	Std.	Steel	T & C	
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8. Outer Casing						
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9. 40 tons of gravel used in the well. Size Concrete mix & plaster sand

10. Test of well, Did you use test or permanent pump? Test 8" 7
Size of Bowl Stages

11. Size of orifice 4 inch by 2 1/2 inch. Orifice tube reading 16 inches.

12. Pumping test — measurements from ground level:

TIME	G.P.M.	STATIC	DRAWDOWN	PUMPING LEVEL
9:30	100	72	9'	81'
10:00	100	72	9'	81'
11:00	100	72	9'	81'
12:00	140	72	14'	86'
1:00	140	72	14'	86'
2:00	140	72	14'	86'
2:30	100	72	9'	81'

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

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

15. Well underreamed? Yes From 80 feet to 127 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 127' Size of drilled hole 24" - 38"

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

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

CONTRACT.....Fremont County Conservation Board.....

Well No.....1.....

Log of well from ground level:

Feet	to	Feet	Formation
0	to	35	Light brown clay
35	to	45	Red-brown clay
45	to	60	Gray clay
60	to	78	Gray clay with gravels & boulders
78	to	97	Gray clay
97	to	100	Fine sand & coarse sand
100	to	123	Fine sand
123	to	127	Coarse sand & gravel w. boulders
127	to		Blue clay
	to		
	to		
	to		
	to		
	to		
	to		
	to		

