

1. Contract City of Hamburg Date April 9, 1970
2. City and State Hamburg, Iowa Driller Harold Statz
3. Well No. 3 at test hole No. 70-1 Well location (attach map) 2 blocks west and 1 block south of No. 1 well in southwest part of the city.
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>20'</u>	<u>12"</u>	<u>10 Ga. (0.1406")</u>	<u>S.S.</u>	<u>Calif. Shutter</u>	<u>1/8"</u>
7. Inner Casing	<u>63'</u>	<u>12"</u>	<u>3/8"</u>	<u>steel</u>	<u>Butt weld</u>	
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 10 5
Size of Bowl Stages
11. Size of orifice 6 inch by 4 inch. Orifice tube reading inches.
12. Pumping test — measurements from ground level:

TIME	G.P.M.	STATIC	DRAWDOWN	PUMPING LEVEL
<u>2 Hrs.</u>	<u>600</u>	<u>8'</u>	<u>3'</u>	<u>11'</u>
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13. Recovery in 5 minutes Full, in 30 minutes Full
14. Did you seal bottom of well? Yes Thickness 3/8 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 58 feet to 78 feet; from.....feet to.....feet; from.....feet to.....feet.
17. Depth of well from ground level to top of plug..... 78' Size of drilled hole 36"
18. Was cement placed around or between any of the casings? No
19. If so, state where, how much and method used.

CONTRACT Hamburg, Iowa Well No. 3

Log of well from ground level:

Feet	Feet	Formation
0'	2'	Top soil.
2'	11'	Clay.
11'	17'	Fine sand.
17'	44'	Coarse sand, fine sand.
44'	46'	Gravel, blue clay.
46'	49'	Blue clay, gravel.
49'	53'	Fine sand.
53'	67'	Gravel, pebbles
67'	70'	Coarse sand and fine sand.
70'	78'	Gravel, coarse sand and fine sand.

