

Tract...City of Hamburg, Iowa.....Date...4-23-71.....

City and State...Hamburg, Iowa.....Driller...Bing.....

3. Well No...4.....at test hole No.....Well location (attach map)...300' NorthWest of
#3 well in Southwest part of Hamburg.....

4. Work completed...yes.....No of man hours as charged to job on time sheet...68.....

5. MATERIAL:	LENGTH	DIA.	GAUGE OR WALL THICKNESS	MATERIAL	TYPE	NO. OF OPENINGS
6. Screen	20'	12"	10 ga	S.S.	R.M.C.	5/32"
7. Inner Casing	56'	12"	3/8"	steel	weld	
8. Outer Casing						

9. ...20...ydsons of gravel used in the well. Size...road gravel.....

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

11. Size of orifice...6.....inch by...5.....inch. Orifice tube reading...18".....inches.

12. Pumping test — measurements from ground level:

TIME	G.P.M.	STATIC	DRAWDOWN	PUMPING LEVEL
2 hrs.	525	9	3'6"	12'6"

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

14. Did you seal bottom of well? ...yes..... Thickness...yes.....inches, material S.S.....

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...71'..... Size of drilled hole...36".....

18. Was cement placed around or between any of the casings?

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

CONTRACT.....City of Hamburg, Iowa..... Well No.....4.....

Log of well from ground level:

Feet	Feet	Formation
0	to 2	Black soil
2	to 11	Brown clay
11	to 15	Fine Sand
15	to 25	Coarse sand
25	to 30	Green gravel and clay streaks
30	to 35	Fine sand
35	to 50	Coarse gravel and clay streaks
50	to 53	Blue clay
53	to 71	Real coarse gravel and boulders
	to	
	to	
	to	
	to	
	to	
	to	
	to	
	to	

