

1. Contract..... **City of Irwin** ..... Date..... **April 11, 1969**  
 2. City and State..... **Irwin, Iowa** ..... Driller..... **Ray Harber**  
 3. Well No..... **4** ..... at test hole No..... **68-5** ..... Well location (attach map)..... **650' south of well # 2**

4. Work completed..... **April 11, 1969** ..... 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	<b>10'</b>	<b>12"</b>	<b>7 ga.</b>	<b>Stainless</b>	<b>Layne shutter</b>	<b>5</b>
7. Inner Casing	<b>41'</b>	<b>12"</b>	<b>3/8"</b>	<b>Steel</b>	<b>Welded</b>	
8. Outer Casing						

9. **15**.....tons of gravel used in the well. Size..... **road gravel**

10. Test of well. Did you use test or permanent pump? ..... **yes** ..... **8 "** ..... **6**  
Size of Bowl ..... Stages

11. Size of orifice..... **4**.....inch by..... **3**.....inch. Orifice tube reading..... **7**.....inches.

12. Pumping test — measurements from ground level:

TIME	G.P.M.	STATIC	DRAWDOWN	PUMPING LEVEL
<b>4 hrs.</b>	<b>115</b>	<b>16'</b>	<b>15'</b>	<b>31'</b>

13. Recovery in 5 minutes..... **within 2'** ....., in 30 minutes..... **complete**

14. Did you seal bottom of well? .... **yes** ..... Thickness..... **3/16** inches, material..... **stainless steel**

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..... **47'** ..... 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. ....

