

1. Contract Harlan Utilities Date 12-12-78  
 2. City and State Harlan, Iowa Driller Harold Statz  
 3. Well No. 27 at test hole No. 78-2 Well location (attach map) \_\_\_\_\_

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>10'</u>	<u>10"</u>		<u>S.S.</u>	<u>Wire wrap.</u>	<u>.050</u>
7. Inner Casing	<u>37'</u>	<u>10"</u>	<u>.365</u>	<u>Steel</u>	<u>Welded</u>	
8. Outer Casing						

9. \_\_\_\_\_ tons of gravel used in the well. Size #2 Northern

10. Test of well. Did you use test or permanent pump? Test 10" 4  
Size of Bowl Stages

11. Size of orifice 4 inch by 2½ inch. Orifice tube reading 10½ inches.

12. Pumping test — measurements from ground level:

TIME	G.P.M.	STATIC	DRAWDOWN	PUMPING LEVEL
<u>4 hr.</u>	<u>80</u>	<u>19</u>	<u>4'</u>	<u>23'</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

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

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

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 29 feet to 39 feet; from \_\_\_\_\_ feet to \_\_\_\_\_ feet; from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

17. Depth of well from ground level to top of plug 39 Size of drilled hole 2.8"

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

19. If so, state where, how much and method used. 1½ yards 7' - 17'

