

1. Contract.....City of Harlan.....Date.....July 27, 1965.....
 2. City and State.....Harlan, Iowa.....Driller.....Harold Stutz.....
 3. Well No.....13.....at test hole No.....65-19.....Well location (attach map).....Approx. 300' south of well
2 12

4. Work completed.....July 27, 1965.....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>7' 6"</u>	<u>16"</u>	<u>7 ga.</u>	<u>stainless steel</u>	<u>Layne</u>	<u>4</u>
7. Inner Casing	<u>36' 6"</u>	<u>16"</u>	<u>3/8"</u>	<u>steel</u>	<u>butt weld</u>	
8. Outer Casing						
9. <u>25</u> tons of gravel used in the well. Size..... <u>Road gravel</u>						
10. Test of well. Did you use test or permanent pump? <u>yes</u> <u>10"</u> <u>7</u> Size of Bowl Stages						
11. Size of orifice <u>6</u> inch by <u>3</u> inch. Orifice tube reading <u>44.5</u> inches.						
12. Pumping test — measurements from ground level:						

TIME	G.P.M.	STATIC	DRAWDOWN	PUMPING LEVEL
<u>4:00 P.M. - 5:00 P.M.</u>	<u>222</u>	<u>12'</u>	<u>9'</u>	<u>21'</u>
<u>5:00 P.M. - 12:00 A.M.</u>	<u>219</u>	<u>12'</u>	<u>9'</u>	<u>21'</u>
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13. Recovery in 5 minutes.....7'....., 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 30' 6" feet to.....38 feet; from.....feet to.....feet; from.....feet to.....feet.
 17. Depth of well from ground level to top of plug.....38'..... Size of drilled hole.....52".....
 18. Was cement placed around or between any of the casings? no.....
 19. If so, state where, how much and method used.

Log of well from ground level:

[illegible]