

Wyne-Western Company, Inc.

Well Information
Omaha, Nebraska

1. Contract Harlan, Iowa Date 12-12-78
 2. City and State _____ Driller Harold Statz
 3. Well No. 25 at test hole No. _____ Well location (attach map) 350' east of #14

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>Johnson</u>	<u>.080</u>
7. Inner Casing	<u>38'</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 #3 Northern

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

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

2. Pumping test — measurements from ground level:

TIME	G.P.M.	STATIC	DRAWDOWN	PUMPING LEVEL
<u>4 hours</u>	<u>70</u>	<u>19</u>	<u>2'</u>	<u>21'</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

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

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

5. Well underreamed? No From _____ feet to _____ feet, _____ feet to _____ feet.

6. If all screen was not placed at bottom, state how it was spaced.

From 28 feet to 38 feet; from _____ feet to _____ feet; from _____ feet to _____ feet.

7. Depth of well from ground level to top of plug 38' Size of drilled hole 28"

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

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

CT Harlan, Iowa Well No. 25

ft from ground level:

Feet	Formation
to 8	Top soil, lost circulation
to 14	Brown clay
to 15	Gravel, coarse sand
to 18	Blue clay
to 27	Gravel - coarse sand
to 38	Gravel - boulders, coarse sand
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