

1. Contract City of Orange City Date September 20, 1970
 2. City and State Orange City, Iowa Driller Vic Soukup
 3. Well No. 2-W at test hole No. 70-4 Well location (attach map) 314' north of well 3-W

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>16"</u>	<u>7 Ga.</u>	<u>S.S.</u>	<u>Layne shutter</u>	<u>4-Top</u>
	<u>10'</u>	<u>16"</u>	<u>7 Ga.</u>		<u>Black Pipe</u>	<u>5-Bottom</u>
7. Inner Casing	<u>52'</u>	<u>16"</u>	<u>3/8"</u>		<u>Black Pipe</u>	
8. Outer Casing						

9. 16 Yds of gravel used in the well. Size Pea gravel, top screen, concrete mix bottom

10. Test of well. Did you use test or permanent pump? Test 8" 3
 Size of Bowl Stages

11. Size of orifice _____ inch by _____ inch. Orifice tube reading _____ inches.

12. Pumping test — measurements from ground level:

TIME	G.P.M.	STATIC	DRAWDOWN	PUMPING LEVEL
<u>1 Hr.</u>	<u>240</u>	<u>5'6"</u>	<u>6'6"</u>	<u>12'</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

13. Recovery in 5 minutes Full, in 30 minutes _____

14. Did you seal bottom of well? Yes Thickness 3/8 inches, material Stainless steel plate

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 28 feet to 38 feet; from 59 feet to 69 feet; from _____ feet to _____ feet.

17. Depth of well from ground level to top of plug 69' Size of drilled hole 34"

18. Was cement placed around or between any of the casings? No

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

CONTRACT Orange City, Iowa Well No. 2-W

Log of well from ground level:

Feet	Feet	Formation
0'	to 5'	Black soil.
5'	to 12'	Coarse sand, gravel and clay balls
12'	to 38'	Gravel pebbles and boulders.
38'	to 48'	Brown clay.
48'	to 54'	Gray clay.
54'	to 69'	Fine sand.
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