Contract City of Boyden, Iowa Date July 9, 1966

2. City and State Boyden, Iowa Driller George Kraai

3. Well No. 2 (4) #2 (1983) at test hole No. Well location (attach map) 275' + or - S.W. of well
(3) #1 (1983)
1 on Otter creek north of Boyden along the highway

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	5'	26"	7 ga.	stainless steel	shutter	3
7. Inner Casing	31'	26"	3/8" wall	steel	P.G.	
8. Outer Casing						

9. 12 ydsx tons of gravel used in the well. Size Rock Valley pea gravel

10. Test of well. Did you use test or permanent pump? Test Forman Rupp (Size of Bowl) suction lift (Stages)

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

12. Pumping test — measurements from ground level:

TIME	G.P.M.	STATIC	DRAWDOWN	PUMPING LEVEL
7:30		6' 3"		
8:30	260	6' 8"	13' 10"	20' 6"
9:30	260	6' 8"	14' 6"	21' 2"
10:30	260	6' 8"	15' 6"	22' 2"
11:30	260	6' 8"	15' 9"	22' 5"
12:30	260	6' 8"	16' 0"	22' 8"
1:30	260	6' 8"	16' 4"	23' 0"

13. Recovery in 5 minutes none taken, in 30 minutes

14. Did you seal bottom of well? yes Thickness 1/2 inches, material 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 24 feet to 29 feet; from feet to feet; from feet to feet.

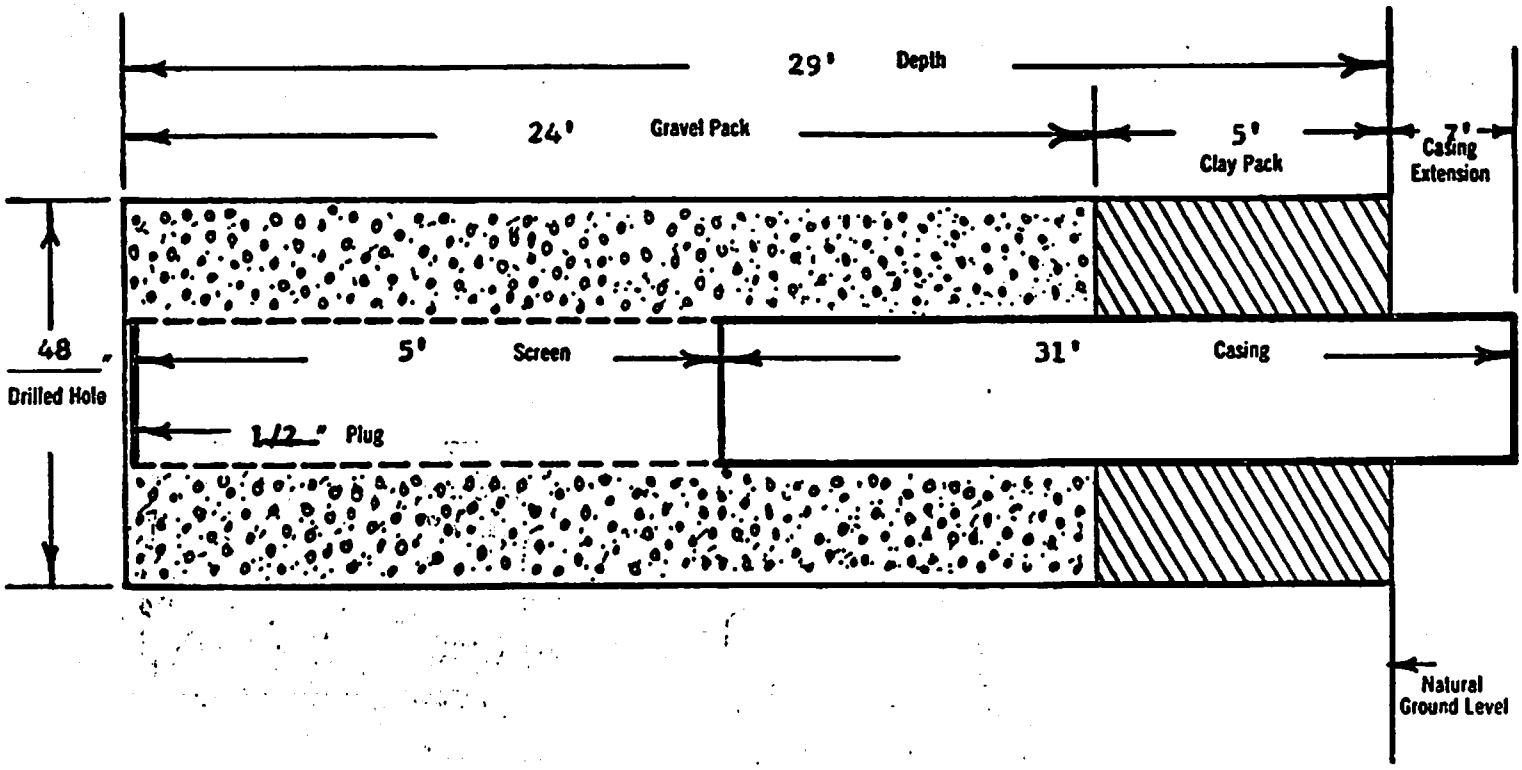
17. Depth of well from ground level to top of plug 29' Size of drilled hole 48"

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

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

Omaha, Nebraska **Well Information**

CONTRACT City of Boyden, Iowa Well No. ~~2~~ 4 #3 (1883)

Log of well from ground level:

Feet		Feet	Formation
	to		
0'	to	4'	Black soil
4'	to	10'	Sandy mud and clay
10'	to	14'	Coarse sand and gravel
14'	to	17'	Sand and gravel, clay balls
17'	to	23'	Coarse sand and gravel
23'	to	24'	Sandy clay
24'	to	28'	Coarse sand and gravel
28'	to	29'	Boulders and gravel
29'	to		Clay
	to		
	to		
	to		
	to		
	to		
	to