

1. Contract Sibley, Iowa Date October 16, 1979
2. City and State Sibley, Iowa Driller Harold Statz
3. Well No. 4 at test hole No. 1 Well location (attach map) _____

4. Work completed August 21, 1979 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>115'</u>	<u>12"</u>		<u>Stainless steel</u>	<u>304</u>	<u>0.020</u>
	<u>30'</u>	<u>12"</u>	<u>Sch 10</u>	<u>Stainless steel</u>	<u>304</u>	
7. Inner Casing	<u>321'</u>	<u>12"</u>	<u>3/8"</u>	<u>Black Steel</u>		
8. Outer Casing	<u>359 3</u>	<u>26"</u>	<u>1/2"</u>	<u>Black Steel</u>		

9. 22 tons of gravel used in the well. Size Lyman Ritchie Plaster Sand

10. Test of well. Did you use test or permanent pump? Test 10" 13
Size of Bowl Stages

11. Size of orifice 6 inch by 5 inch. Orifice tube reading _____ inches.

12. Pumping test — measurements from ground level: see attached information

TIME	G.P.M.	STATIC	DRAWDOWN	PUMPING LEVEL
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

13. Recovery in 5 minutes see attached, in 30 minutes _____

14. Did you seal bottom of well? yes Thickness 1/2 inches, material stainless steel

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 _____ feet to _____ feet; from _____ feet to _____ feet; from _____ feet to _____ feet.

17. Depth of well from ground level to top of plug _____ Size of drilled hole 30"

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

19. If so, state where, how much and method used. Pumped from 359'-3" to surface

Tremied from -621.25 to -328.75

CONTRACT.....

Well No.

Log of well from ground level:

Feet	Feet	Formation
0	to 2	Top Soil
2	to 385	Blue Clay w/boulders
385	to 470	Blue Sand, pebbles
470	to 520	Blue Clay, sandy
520	to 570	Blue Clay, pebbles
570	to 580	Sand with blue clay
580	to 704	Sand, fine
704	to 709	Sandstone, shaley, dirty
709	to 712	Sandstone, clean
712	to 772	Sandstone, clean water
	to	
	to	
	to	
	to	
	to	

