W#40659

Layne-Western Company, Inc.

Well Information

Omaha, Nebraska

1. Contract Lyon Sioux R.W.D. Date 10-19-73

2. City and State George, Iowa Driller Vic Soukup

3. Well No. 1 at test hole No. C-5 Well location (attach map) 50' west of test hole C-5

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	10'	8"		Direct	slot	
7. Inner Casing	20'	8"	S.T.D.		black pipe	
8. Outer Casing						

9. 2 tons of gravel used in the well. Size pea gravel

10. Test of well. Did you use test or permanent pump? rig pump ____ (Size of Bowl) ____ (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
48 hrs.	160	9'	6.20	15.20

13. Recovery in 5 minutes 5.05, in 30 minutes ____

14. Did you seal bottom of well? yes. Thickness 3/16 inches, material Plate 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 30'. Size of drilled hole 16"

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

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

CONTRACT Lyon-Sioux R.W.D. Well No. 1

Log of well from ground level:

Feet		Feet	Formation
0	to	3'6	Top soil
3'6"	to	20'	Gravel coarse sand and pebbles
20'	to	30	Gravel and coarse sand
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