Layne-Western Company Omaha, Nebraska

Well Information

Contract Lyon-Sioux Rural Water System Date 12-1-72

City and State Lyon County, Iowa (Big Sioux River) Driller Vic Soukup

Well No. 1 #2 at test hole No. 72-1 Well location (attach map)

Work completed ____ No of man hours as charged to job on time sheet ____

MATERIAL:	LENGTH	DIA.	GAUGE OR WALL THICKNESS	MATERIAL	TYPE	NO. OF OPENINGS
Screen	10'	8"	3/16"	Brass	Direct slot	1/8"
Inner Casing	36'	8"	Std. Wt.	Steel pipe	T&C	
Outer Casing						

2½ tons of gravel used in the well. Size Pea

Test of well. Did you use test or permanent pump? Test 6" (Size of Bowl) 19 (Stages)

Size of orifice ____ inch by ____ inch. Orifice tube reading ____ inches.

Pumping test — measurements from ground level:

TIME	G.P.M.	STATIC	DRAWDOWN	PUMPING LEVEL
8 hrs.	150 to 250	18'	3' to 8'	21' to 26'
48 hrs.	210	18'	6'9"	24'-9"
8 hrs.	Recovery readings			

Well casing and screen was pulled after recovery readings were completed.

13. Recovery in 5 minutes ____, in 30 minutes 4'9"
14. Did you seal bottom of well? ____ Thickness ____ inches, material ____
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 46' Size of drilled hole 12"
18. Was cement placed around or between any of the casings? no
19. If so, state where, how much and method used. ____

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Omaha, Nebraska

CONTRACT Lyon-Sioux Big Sioux System Well No. 1

Log of well from ground level:

Feet		Feet	Formation
	to		
0	to	3'	Black soil
3'	to	10'	Brown clay
10'	to	29'	Fine sand
29'	to	46'	Gravel and pebbles
	to		
	to		
	to		
	to		
	to		
	to		
	to		
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	to		
	to		

