

**Layne-Western Company, Inc.**

WATER SUPPLY CONTRACTORS

705 SO. DUFF AVE.

AMES, IOWA 50010

Phone 515 232-3563

Name of Job City Water Dept. Date 7-31-86
City or Village Ames State Iowa
Well No.: 19 Drillers: Gale McIntosh, Denny Osterhout
Well Location: _____ ft. (____) and _____ ft. (____) of the _____ corner of
Section _____, Twp. _____ (____), Range _____ (____) County.
Otherwise located as 500' East of #18

Work Began: 7-30-86 Work Completed: 8-1-86 Well Depth: 83'
All measurements made from existing ground level at time well was drilled.

Casing Record:

Amount	Dia.	Wt. or Thickness	Material
<u>52'</u>	<u>20"</u>	<u>375</u>	<u>steel</u> with <u>weld</u> joints from <u>+10'</u> to <u>-42'</u>
_____	_____	_____	with _____ joints from _____ to _____

Screen Record: Type Rosco mesh

Amount	Dia.	Opening	Material
<u>40'</u>	<u>20"</u>	<u>0.170</u>	<u>S.S.</u> with <u>weld</u> joints from <u>-42'</u> to <u>82'</u>
_____	_____	_____	with _____ joints from _____ to _____

Type of Seal at Bottom SS plate

Hole Record:

<u>72</u>	inch from	<u>0</u>	to	<u>10</u>
<u>60</u>	inch from	<u>10</u>	to	<u>83</u>

Gravel Pack Record:

Amount	Size	Source	From	To
<u>75 tons</u>	_____	<u>Northern Gravel</u>	<u>30</u>	<u>83</u>

Cementing Record: 4000 lb 0 to 20'Backfill Record: Clay & Bentonite 20' to 30'

WELL LOG

Feet

Description

0	to	2	Black Sandy top soil
2	to	15	Brown med gravel
15	to	83	Gray med to coarse gravel w/cobbles
83	to		Broken Lime Stone.

_____ to _____

to _____

_____ to _____

to

to _____

_____ to _____

to _____

to _____

to _____

_____ to _____

to _____

to _____

_____ to _____

_____ to _____

to _____

_____ to _____

to _____

to _____

to _____

Well Test Data: Static Level _____; pumping level _____ after _____ hours pumping at _____ g.p.m.

Length of test _____ hrs. See Well Test Data Sheet Dated _____

REMARKS:
