



Layne-Western Company, Inc.

DEC 29 1989

WATER SUPPLY CONTRACTORS

705 SO. DUFF AVE.

AMES, IOWA 50010

Phone 515 232-3563

Name of Job _____ Date 10/10/89City or Village City of Ames State IowaWell No.: 21 Drillers: T. Payton - C. Thomas

Well Location: _____ ft. (____) and _____ ft. (____) of the _____ corner of

Section _____, Twp. _____ (____), Range _____ (____) County.

Otherwise located as 500 ft. N of well 20Work Began: 10/04/89 Work Completed: 10/07/89 Well Depth: 99

All measurements made from existing ground level at time well was drilled.

Casing Record:

Amount	Dia.	Wt. or Thickness	Material
<u>50</u>	<u>20</u>	<u>0.375</u>	<u>ASTM A-53 with weld joints from 48 to +2</u>
_____	_____	_____	_____ with _____ joints from _____ to _____

Screen Record: Type shutter

Amount	Dia.	Opening	Material
<u>50</u>	<u>20</u>	<u>0.080</u>	<u>304 s.s. with weld joints from 98 to 48</u>
_____	_____	_____	_____ with _____ joints from _____ to _____

Type of Seal at Bottom s.s. 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>99</u>

Gravel Pack Record:

Amount	Size	Source	From	To
<u>85 ton</u>	<u>No. 3</u>	<u>Northern Gravel</u>	<u>99</u>	<u>36</u>
_____	_____	_____	_____	_____

Cementing Record: 20 yards concrete 21 to 0Backfill Record: Clay and bentonite 36 to 21'

1. *Pharmaceutical industry*

Abstract

Length of test_____hrs. See Well Test Data Sheet Dated_____

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LW Co., Inc. Ames, Ia.

10/89

GEOLOGICAL LOG

CONSTRUCTION DETAIL

