

31663

## Well Information—Drift Wells

**Layne-Western Company, Inc.**

## WATER SUPPLY CONTRACTORS

705 SO. DUFF AVE.

AMES, IOWA 50010

Phone 515 232-3563

Name of Job \_\_\_\_\_ City of Fort Madison \_\_\_\_\_ Date 08/18/90City or Village Fort Madison \_\_\_\_\_ State IowaWell No.: Test Well 90 Drillers: Donald Thomas

Well Location: \_\_\_\_\_ ft. (\_\_\_\_\_) and \_\_\_\_\_ ft. (\_\_\_\_\_) of the \_\_\_\_\_ corner of

Section \_\_\_\_\_, Twp. \_\_\_\_\_ (\_\_\_\_\_), Range \_\_\_\_\_ (\_\_\_\_\_) County \_\_\_\_\_

Otherwise located as south of prison in prison field, west of white shed, south of tracksWork Began: 08/09/90 Work Completed: 08/18/90 Well Depth: 141'

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

## Casing Record:

Amount	Dia.	Wt. or Thickness	Material	with	joints from	to
<u>29'</u>	<u>56"</u>	<u>1/4"</u>	<u>steel</u>	<u>weld</u>	<u>0</u>	<u>29'</u>
<u>91</u>	<u>16</u>	<u>.375</u>	<u>steel</u>	<u>weld</u>	<u>0</u>	<u>91</u>

Screen Record: Type wire wrap

Amount	Dia.	Opening	Material	with	joints from	to
<u>50'</u>	<u>16"</u>	<u>.050</u>	<u>s.s.</u>	<u>weld</u>	<u>91'</u>	<u>141'</u>
_____	_____	_____	_____	_____	_____	_____

Type of Seal at Bottom s.s. plate

## Hole Record:

<u>60</u>	inch from	<u>0'</u>	to	<u>29'</u>
<u>48"</u>	inch from	<u>29'</u>	to	<u>147'</u>

## Gravel Pack Record:

Amount	Size	Source	From	To
<u>52 ton</u>	<u>No. 2</u>	<u>Northern Gravel</u>	<u>80'</u>	<u>143'</u>

Cementing Record: Bentonite seal 72' to 80'Backfill Record: Clay and bentonite 29' to 72'



## WELL LOC

Feet	Feet	Description
0	14	Fill, yellow-brown with sand
14	28	Sand, gravel, cinders, glass, wire, trash
28	36	Blue till
36	84	Blue green till with boulders
84	130	Sand, brown-gray, fine gravel
130	143	Sand, brown-gray, fine gravel to coarse gravel
143	147	Blue till

F<sup>1</sup>/<sub>2</sub> sec 3 67.N-4W  
 river

Well Test Data: Static Level 14; pumping level 52 after 19 hours pumping at 1200 g.p.m.

Length of test 19 hrs. See Well Test Data Sheet Dated \_\_\_\_\_

REMARKS: