

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 Bondurant Date 9-28-81

City or Village Bondurant, Iowa State Iowa

Well No.: 3 Drillers: Gale McIntosh & Dennis Osterhout

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

Section 16, Twp. 80 (____ N ____), Range 22 (____ W ____), Polk County.

Otherwise located as City well field - See plot plan (400' west of well no. 4)

Work Began: 9-16-81 Work Completed: 9-28-81 Well Depth: 66'

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

Casing Record:

Amount	Dia.	Wt. or Thickness	Material	Temporary surface casing
<u>10'</u>	<u>66"</u>	<u>st'd.</u>	<u>steel</u>	with <u>no</u> joints from <u>0'</u> to <u>10'</u>
<u>46'</u>	<u>10"</u>	<u>Sch. 40</u>	<u>blk. steel</u>	with <u>welded</u> joints from <u>0'</u> to <u>46'</u>

Screen Record: Type Layne-Johnson w.w.

Amount	Dia.	Opening	Material	
<u>20'</u>	<u>10" P.S.</u>	<u>.055</u>	<u>304 s.s.</u>	with <u>no</u> joints from <u>46'</u> to <u>66'</u>
				with _____ joints from _____ to _____

Type of Seal at Bottom 304 s.s. plate

Hole Record:

<u>66</u>	inch from	<u>surface</u>	to	<u>10' (for surface casing)</u>
<u>60</u>	inch from	<u>10'</u>	to	<u>66' (T.D.)</u>

Gravel Pack Record:

Amount	Size	Source	From	To
<u>44 tons</u>	<u>no. 2</u>	<u>Northern Gravel - Muscatine</u>	<u>26'</u>	<u>66'</u>

Cementing Record: 6' to 26' (405 bags)

Backfill Record: Surface to 6' around pitless - bentonite and clay seal above

gravel pack

WELL LOG

Feet	Feet	Description
0.0	5.0	Black topsoil
5.0	18.0	Brown clay with some sand
18.0	53.0	Medium to coarse sand and gravel
53.0	58.0	Medium sand and gravel
58.0	62.5	Fine to medium sand
62.5	66.0	Medium to coarse gravel with boulders
		Bottom of boring

Well Test Data: Static Level 22'0"; pumping level 27'0" after 22 hours pumping at 302 g.p.m.

Length of test 22 hrs. See Well Test Data Sheet Dated 9-22-81

REMARKS: