

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 Sheldahl _____ Date 12-16-88City or Village Sheldahl _____ State IowaWell No.: _____ Drillers: W. Stockton, Mark Evans

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

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

Otherwise located as W. under water towerWork Began: 12-05-88 Work Completed: 12-12-88 Well Depth: 314'

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

Casing Record:

Amount	Dia.	Wt. or Thickness	Material	
<u>289'</u>	<u>8"</u>	<u>.375</u>	<u>steel</u>	<u>with weld joints from 0 to 289</u>
_____	_____	_____	_____	<u>with _____ joints from _____ to _____</u>

Screen Record: Type _____

Amount	Dia.	Opening	Material	
<u>25'</u>	<u>8"</u>	_____	<u>stainless steel</u>	<u>with weld joints from 289 to 314</u>
_____	_____	_____	_____	<u>with _____ joints from _____ to _____</u>

Type of Seal at Bottom stainless steel plate

Hole Record:

<u>32"</u>	inch from	<u>0</u>	to	<u>9'</u>
<u>18"</u>	inch from	<u>9</u>	to	<u>317</u>

Gravel Pack Record:

Amount	Size	Source	From	To
_____	<u>#2</u>	<u>Northern Gravel</u>	<u>275</u>	<u>317</u>
_____	_____	_____	_____	_____

Cementing Record: _____

Backfill Record: Bentonite seal from 270-275'/clay & bentonite pete rock from 53-270'
grout from 53'

WELL LOG

Feet	Feet	Description
0	to 2	Black top soil
2	to 6.5	Landfill debris, bottles, barb wire, bricks, cement, ect.
6.5	to 21.5	Yellow sandy clay
21.5	to 24	Small to medium gravel
24	to 51	Blue clay
51	to 53.5	Small to medium gravel, large cobbles
53.5	to 60	Blue clay
60	to 72	Pebbly blue clay
72	to 80	Light blue clay, gray clay
80	to 89	Blue clay
89	to 148	Brown sandy clay
148	to 167	Light gray clay & small gravel, a few large boulders
167	to 233	Sandy blue clay & blue shale
233	to 240	Cemented sand and small gravel
240	to 246	Coarse sand and small gravel
246	to 251	Sandy blue clay
251	to 256	Hard gray shale
256	to 289.5	Sandy blue clay
289.5	to 297	Fine to coarse sand and small to medium gravel
297	to 314.5	Fine to coarse sand and small gravel
314.5	to 317	Sandy blue clay
317	to	Bottom
	to	

Well Test Data: Static Level 126; pumping level 140 after 7 hours pumping at 150 g.p.m.

Length of test 7 hrs. See Well Test Data Sheet Dated 12-15-88

REMARKS:
