

7
West



Well Information--Drift Wells

7
Layne-Western Company, Inc.

WATER SUPPLY CONTRACTORS

705 SQ. DUFF AVE.

AMES, IOWA 50010

Phone 515 232-3563

Name of Job City of Spencer & Spencer Foods Date 10-2-76

City or Village Spencer State Iowa

Well No.: K Drillers: Rick Pejsha

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

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

Otherwise located as 1.1 mile north of the water treatment plant

Work Began: _____ Work Completed: _____ Well Depth: 80'

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

Casing Record:

Amount	Dia.	Wt. or Thickness	Material
<u>64'</u>	<u>12"</u>	<u>3/8 wall</u>	<u>steel pipe with welded joints from 4" above to 64 gr.</u>
_____	_____	_____	_____ with _____ joints from _____ to _____

Screen Record: Type Layne Johnson

Amount	Dia.	Opening	Material
<u>20'</u>	<u>12"</u>	<u>.075</u>	<u>SS with welded joints from 64' to 84</u>
_____	_____	_____	_____ with _____ joints from _____ to _____

Type of Seal at Bottom SS plate

Hole Record:

36" inch from 0 to 80
_____ inch from _____ to _____

Gravel Pack Record:

Amount	Size	Source	From	To
<u>18 yds</u>	<u>1/9" buckshot</u>	<u>Concrete sand & Material</u>	<u>4"</u>	<u>80'</u>
_____	_____	<u>Milford, Iowa</u>	_____	_____

Cementing Record: Top 4'

Backfill Record: _____

WELL LOG

Feet	Feet	Description
0	to 1	Black Soil
1	to 20	Fine to coarse br. sand and gravel
20	to 50	Very fine silty gravel and sand
50	to 81	Medium to coarse gray sand fine to med. gray gravel
81	to 85	Blue gray clay till

doesn't match sketch

Well Test Data: Static Level 8 : pumping level 16' after 4 hours pumping at 503 g.p.m.

Length of test 4 hrs. See Well Test Data Sheet Dated

REMARKS:

SPENCER UTILITIES AND SPENCER FOODS

SPENCER, IA.

LW Co., Inc., Ames, Ia.

11-76

GEOLOGICAL LOG

TOPSOIL	1'
BROWN CLAY	3'
DIRTY BROWN SAND	4'
FINE TO COARSE BROWN SAND AND GRAVEL	22'
FN-CRS. GR. SAND, SM. GRV.	24'
SOFT GRAY SILTY CLAY	39'
VERY SOFT GRAY SILTY CLAY	45'
FINE TO COARSE GRAY SAND, SMALL AND SOME MEDIUM GRAVEL	55'
FINE TO COARSE GRAY SAND AND GRAVEL	80'
GRAY SANDY CLAY	90'

CONSTRUCTION DETAIL

