

SOUTH DAKOTA WATER WELL COMPLETION REPORT

10-85

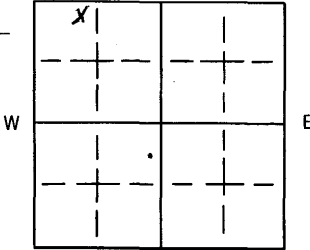
Location W 1/4 NW 1/4 Sec 9 Twp Shum Rg 98-59

County

Hutchinson

North

Please mark well location with an "X"



Well Completion Date

June 18, 1992

PROPOSED USE:

- ☐ Domestic ☐ Municipal ☐ Test Holes
☐ Irrigation ☐ Industrial ☒ Stock

Method of Drilling:

Straight Rotary

CASING DATA:

- ☐ Steel ☒ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
<u>400 PS</u> LB/FT	<u>2</u> IN	<u>0</u> FT	<u>480</u> FT	<u>4 1/2</u> IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN

GROUT:

Was the well grouted? ☒ YES ☐ NOTo what depth? 45 FEETWhat is grouting material? CementIf cement, number of sacks? 5Describe grouting procedure Grout was pumped down backside of casing.What was grout weight? 15 LB/GALSCREEN: ☐ Perforated pipe ☒ ManufacturedDiameter 2 IN Length 20 FEETMaterial PlasticSlot Size .025 Set From 460 Feet To 480 Feet

Slot Size _____ Set From _____ Feet To _____ Feet

Slot Size _____ Set From _____ Feet To _____ Feet

Other information _____

Was a packer or seal used? ☒ YES ☐ NOIf so, what material? PlasticDescribe packer(s) and location? Packer is located above the screenWas well disinfected upon completion? ☒ YES ☐ NOExplain Chlorine was usedBacteriological analysis ☒ YES ☐ NOLaboratory sent to Pierre

Well Owner:

Name Merlin BaltzerAddress RR1 Parkston S.D. 57366

Well Log:

Depth

Formation

From

To

<u>Topsoil</u>	<u>0</u>	<u>1</u>
<u>yellow clay</u>	<u>1</u>	<u>32</u>
<u>Dirty sand with</u>		
<u>some blue clay</u>	<u>32</u>	<u>38</u>
<u>Blue clay</u>	<u>38</u>	<u>95</u>
<u>sand with boulders</u>	<u>95</u>	<u>195</u>
<u>Blue clay</u>	<u>195</u>	<u>300</u>
<u>Blue clay with some</u>		
<u>hardpan</u>	<u>300</u>	<u>380</u>
<u>Blue clay hardpan</u>		
<u>and some caprock</u>	<u>380</u>	<u>460</u>
<u>artesian sand</u>	<u>460</u>	<u>480</u>

STATIC WATER LEVEL Flowing FeetIf flowing: closed in pressure 14 PSIGPM flow 56 GPM through 1 1/2 inch pipeControlled by ☒ Valve ☐ Reducers ☐ Other

If other; specify _____

Can well be completely shut in? yes

WELL TEST DATA:

☐ Pumped☐ Bailed

Describe: _____

☐ Other

Pumping Level Below Land Surface

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

REMARKS:

a heavy bentonite slurry is located from the packer up to the bottom of the grout.This well was drilled under license # 302

And this report is true and accurate.

Drilling firm Lehu Well Drilling

Signature of License Representative:

Vincent Lehu

Signature of Well Owner:

Merlin D BaltzerDate 7-3-928/11/92