

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

APPROVED

To appropriate the public waters of the State of Idaho

1. Name of applicant Soda Springs Joint School District Phone 547-3371
Post office address Box 947 Soda Springs, Idaho 83276 #150

2. Source of water supply Groundwater which is a tributary of _____

3. Location of point of diversion is NW $\frac{1}{4}$ of NW $\frac{1}{4}$ of Section 7 Township 9S
Range 42E B.M. Caribou County, additional points of diversion if any: _____

4. Water will be used for the following purposes:

Amount 0.50 cfs for HEATING purposes from 9/1 to 5/20 (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)

5. Total quantity to be appropriated:

a. 0.50 cfs cubic feet per second and/or b. _____ acre-feet per annum.

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. Hot water well to heat exchanger
then water will be routed to Soda Creek or injection well.

b. Height of storage dam _____ feet, active reservoir capacity _____ acre-feet; total reservoir capacity _____ acre-feet, materials used in storage dam: _____

Period of year when water will be diverted to storage _____ to _____ inclusive.
(Month/Day) (Month/Day)

c. Proposed well diameter is 8 inches; proposed depth of well is 500 feet.

7. Time required for the completion of the works and application of the water to the proposed beneficial use is 2 years (minimum 1 year — maximum 5 years).

8. Description of proposed uses:

a. If water is not for irrigation:

(1) Give the place of use of water: NW $\frac{1}{4}$ of NW $\frac{1}{4}$ of Section 7 Township 9S
Range 42E B.M.

(2) Amount of power to be generated: _____ horsepower under _____ feet of head.

(3) List number of each kind of livestock to be watered _____

(4) Name of municipality to be served _____, or number of families to be supplied with domestic water _____.

(5) If water is to be used for other purposes describe: Water will be used to heat school building

b. If water is for irrigation, indicate acreage in each subdivision in the tabulation below:

[illegible]

Total number of acres to be irrigated

c. Describe any other water rights used for the same purposes as described above. NONE

9. a. Who owns the property at the point of diversion APPLICANT

b. Who owns the land to be irrigated or place of use	APPLICANT
--	-----------

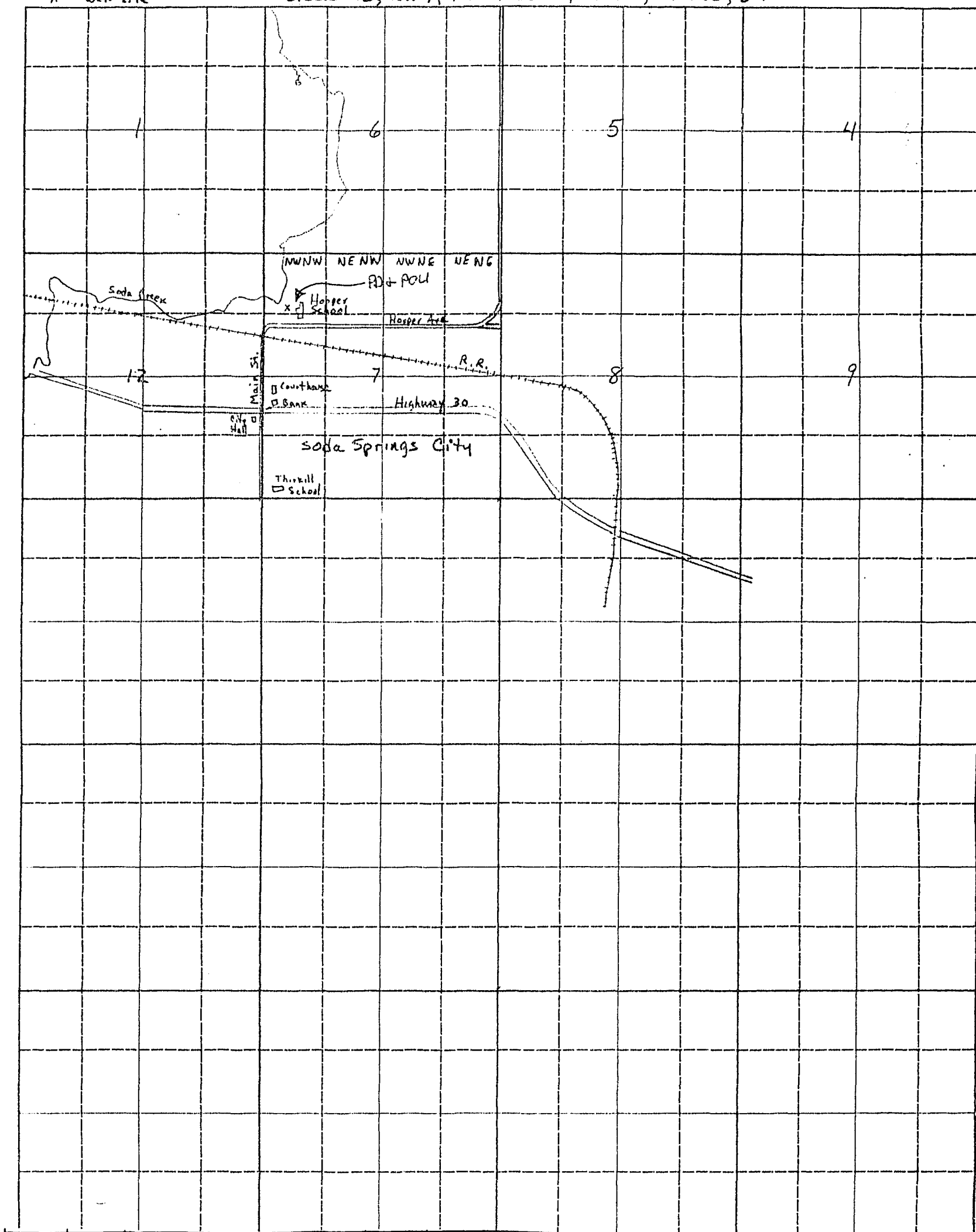
c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing

10. Remarks If water is compatable it will be routed to Soda Creek;
if not, an injection well application will be filed for reinjection
of water.

11. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.

X = well site

Block 43, NW 1/4 NW 1/4 Sec 7, T 9 S, R 42 E, BM



Scale: 2 inches equal 1 mile.

BE IT KNOWN that the undersigned hereby makes application for permit to appropriate the public waters of the State of Idaho as herein set forth.

x *Lawrence Rigby*
(Applicant)

Proposed Priority 12/03/1981

Received by CW Date 12-03-81 Time 10:10A.

Preliminary check by SM Fee \$ 45⁰⁰

Receipted by CW Date 12-04-81 # 19188

Publication prepared by BS Date 12-9-81

Published in Caribou County Sun

Publication dates 12-17 & 12-24-81

Publication approved CW Date 1-11-82

Protests filed by: _____

Copies of protests forwarded by _____

Hearing held by _____ Date _____

Recommended for approval denial by EMC Jim

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

This is to certify that I have examined Application for Permit to appropriate the public waters of the State of Idaho No. 11-7275, and said application is hereby APPROVED.

1. Approval of said application is subject to the following limitations and conditions:

a. SUBJECT TO ALL PRIOR WATER RIGHTS.

b. Proof of construction of works and application of water to beneficial use shall be submitted on or before April 1, 1984.

c. The rate of diversion, if water is to be used for irrigation under this permit, when combined with all other water rights for the same land shall not exceed 0.02 cubic feet per second for each acre of land.

d. Other: Return water shall be treated to insure that the effluent meets Idaho Water Quality Standards.

Return flow if discharged to a subsurface system must be authorized by a separate injection well permit, and return flow if discharged to a surface water system shall meet Idaho Water Quality Standards.

Witness my hand this 23rd day of March, 19 82.

L. Glen Saylor
Chief, Operations Bureau

PUBLIC NOTICE

First Time Published

**NOTICE OF APPLICATION
FOR WATER RIGHT**

Notice is hereby given that the following application(s) have been submitted for permit to appropriate the public waters of the State of Idaho:

11-7275

SODA SPRINGS JOINT
SCHOOL DISTRICT NO. 150
P.O. BOX 947, SODA
SPRINGS, ID 83276

Source: GROUNDWATER

Date Filed: 12-03-1981

Amount: 0.50 CFS

Diversion Point: NWNW Sec
07 T 09S R 42E, CARIBOU Co.

Use: HEATING (0.50 CFS)
from 09-01 to 05-20

Place of Use: NWNW Sec 07 T
09S R 42E

Diversion Means: WELL TO
HEAT EXCHANGER

If issued, the permit(s) will be subject to all prior water rights. Protests against the granting of any permit must be filed with the Director of the Idaho Department of Water Resources, 150 Shoup Ave., Idaho Falls, Idaho 83402 on or before JANUARY 4, 1982.

A. KENNETH DUNN
Director

Published Dec. 17 and 24,
1981 in the Caribou County Sun.

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Published Dec. 17 and 24,
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JAN 11 1982

Department of Water Resources
Eastern District Office

**Affidavit of
Publication**

County of Caribou }
State of Idaho } ss.

Mark Steele

being first duly sworn on his
oath, states:

That he is Publisher
of the Caribou County Sun, a
newspaper of general circula-
tion in Caribou County, Idaho,
published weekly at Soda
Springs in said County that said
newspaper has been published
in said County uninterruptedly
and continuously for over sev-
enty-eight consecutive weeks,
prior to the first publication of
the annexed notice or advertise-
ment;

That the annexed notice was
published as per clipping at-
tached in the regular and entire
edition of said newspaper and
not in any supplement thereof

for 2 successive weekly
issues thereof, the date of the
first publication being the

17th day of

December, 1981

The date of the last publication

being the 24th day of

December, 1981

Subscribed and sworn to be-
fore me this 29th day

of December, 1981

Notary Public, residing
at Soda Springs, Idaho
(SEAL)

My Commission expires the

1st day of March

1984

Date 11-25-81

REQUISITION

Hooper School
Grade or
Department

(SIGNATURE OF PRINCIPAL)

(FORWARD TO SUPERINTENDENT'S OFFICE FOR OFFICIAL APPROVAL) 61-022 Code.

Date 11-25-81

PURCHASE ORDER

Purchase Order No. 834

Joint School District No. 150

Central Office - P. O. Box 947

Soda Springs, Idaho 83276 Phone 547-3371

Page _____ of _____ Page(s)

Ship and
Bill to:

TO: 150 SHARP
Dept of water Resources
24th Falls Drive
83461
70 Mr. Carlson

The above purchase order number
must appear on all invoices and
packages.

"NO BACKORDERS FOR MORE THAN 30 DAYS"

Please furnish the material or service specified below and FORWARD THREE COPIES OF THE INVOICE(S) to the above school district.

QUANTITY	ITEMS	UNIT PRICE	TOTAL PRICE
	Application fee for well permit (No bill will be sent) pay from P.O. RECEIVED NOV 27 1981 Department of Water Resources Eastern District Office		\$45.00

EXEMPT IDAHO SALES TAX BY
Regulation No. 52 or
permit NO. 309-028-21038

Date 11-25-81

(TO BE VALIDATED, THIS PURCHASE ORDER MUST BE SIGNED
BY THE SUPERINTENDENT OR BUSINESS MANAGER)



John V. Evans
Governor

A. Kenneth Dunn
Director

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
EASTERN REGION

150 Shoup
Idaho Falls, Idaho 83401
(208) 525-7161

November 27, 1981

Lawrence Rigby, Supt.
Soda Springs School District #150
Box 947
Soda Springs, Idaho 83276

Dear Mr. Rigby:

Enclosed you will find an application for permit that we have retyped for you. Please review it and sign the document if all seems in order.

A check for \$45 will also need to be sent with this new application for processing to continue. Please keep in mind the need for an injection well permit before you undertake to drill one.

If you have any questions, please contact me.

Sincerely,

Harold W. Jones
HAROLD W. JONES
Sr. Resource Agent

HWJ:brs

enc: as stated

December 2, 1981

Dear Mr. Jones:

The signed Application for Water Permit is attached.

Thank you,

L. K. Rigby
L. K. Rigby, Superintendent

11-7275

SODA SPRINGS JOINT SCHOOL DISTRICT #150

P.O. BOX 947, SODA SPRINGS, ID 83276

Source: GROUNDWATER

Date Filed: 12/03/1981

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A. KENNETH DUNN

Director

Published 12/17 & 12/24/81.

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Eastern Region

150 Shoup Ave.
Idaho Falls, Idaho 83402
(208) 525-7161

DECEMBER 10, 1981

Caribou County Sun
P. O. Box 815
Soda Springs, Idaho 83276

Gentlemen:

Enclosed you will find a legal notice which we wish to have published on the dates indicated (once a week for two consecutive weekly issues) in your newspaper. We have allowed ample time for you to submit a galley proof to this office for review before the first publication date. If you cannot publish the notice on the proposed dates, please contact us immediately.

An affidavit of publication must be submitted to the Department along with the publication bill. Your cooperation is appreciated.

Please send the affidavit of publication and publication billing to this office before JANUARY 4, 1982.

Yours truly,

RONALD D. CARLSON
Supervisor
Eastern Region

Encl.

State of Idaho
Department of Water Resources

APPLICATION FOR PERMIT ANALYSIS SHEET

INITIAL REVIEW BY: Steve McIrmak
CHECK:

APPLICATION NUMBER: 11 7275
11-7275

- ☒ Source.
☒ Point of diversion.
☒ County.
☒ Quantity of water and period of use.
☒ Description of diverting works.
☒ Time required for beneficial use of water.
☒ Place of use or acres irrigated.
☒ Map.
☒ Signature.
☒ Fee.
☐ Yes ☒ No Field check required.
☐ Yes ☒ No Critical groundwater area.
☐ Yes ☒ No Request dam safety information. Sent by: _____ Date: _____
☒ Yes ☐ No* In form to receipt.

Field check by: _____
Date: _____
Comments: _____

*REQUEST THE FOLLOWING ADDITIONAL INFORMATION FROM THE APPLICANT: _____

SEND COPIES TO: Berry Ramsey

- ☐ Idaho State Health Department. Copies sent by: _____ Date: _____
☐ Idaho Fish and Game Department. _____
☐ Idaho Department of Lands. _____
☐ U.S. Bureau of Land Management. _____
☐ U.S. Forest Service. _____
☐ Other _____

PROCESSING:

- ☐ Yes ☒ No Platted by: _____ Map No. _____
☐ Yes ☒ No Other rights on same place of use. _____
☒ Yes ☐ No* In form for advertising. Jan 4, 1982
Final date for protests: _____
☐ Yes ☒ No Protests received. If yes, record information on 4th page of application.

FINAL REGIONAL PROCESSING REVIEW:

- ☒ Affidavit of publication received. Date: 1-11-82
☒ Application published correctly. If not, record action taken: _____
☒ Fee amount, receipt date & number, recorded on application.
☒ Publication dates and paper, recorded on application.
☐ Protests, dates, withdrawal, etc., recorded on application.
☒ Recommendation & initial, recorded on application.
☐ Yes ☒ No Measuring device required.
☐ Yes ☒ No Access port required.
☐ Yes ☒ No Will water be delivered by watermaster? If yes, what district? _____
12-03-81 Date of priority recommended.
Special conditions of approval or cover letter. _____

By: Ernest Carlson Date: Jan 13, 1982

STATE OFFICE REVIEW: Return receipt w/cover letter 098 410

☐ See attached sheet for more information.
By: Jim Date: 3/16/82

RECEIVED
JAN 14 1982

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

STATEHOUSE
BOISE, IDAHO 83720
(208) 334-4440

SODA SPRINGS JOINT SCHOOL DISTRICT #150
P.O. BOX 947
SODA SPRINGS, ID 83276

APRIL 07, 1982

RE: PERMIT NO. 11-7275

DEAR PERMIT HOLDER:

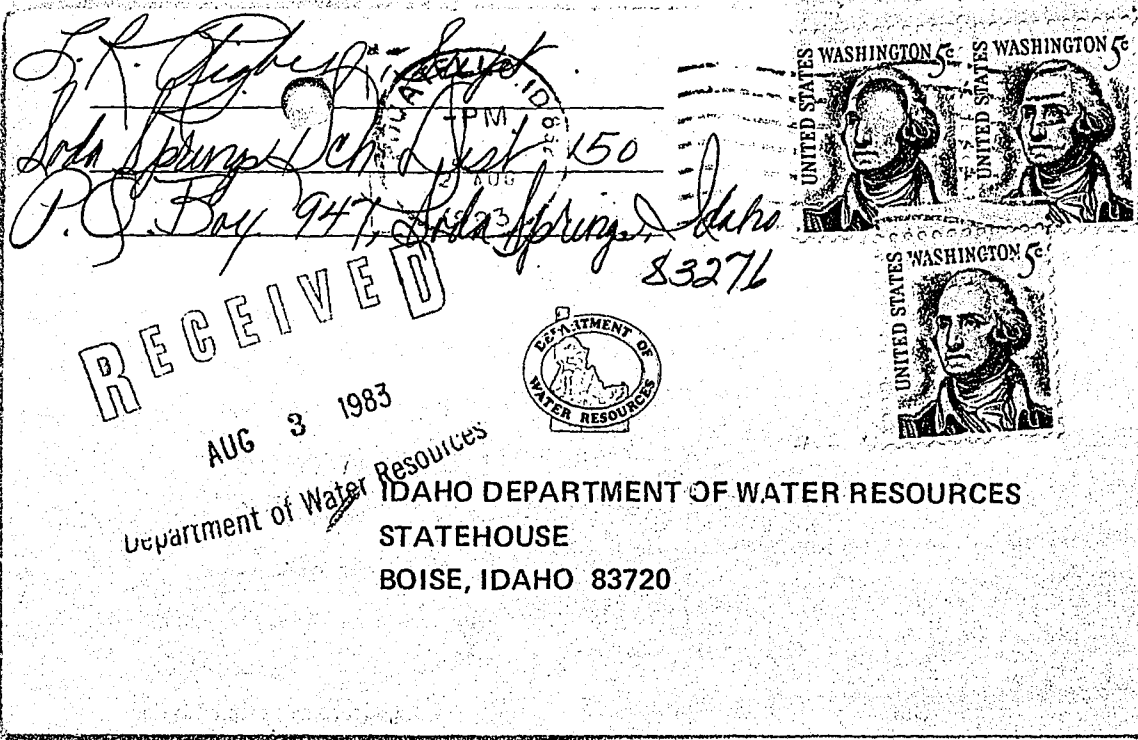
ENCLOSED IS A COPY OF YOUR APPROVED APPLICATION FOR PERMIT. WE DIRECT YOUR ATTENTION TO THE CONDITIONS OF APPROVAL ON THE FOURTH PAGE.

WE HAVE ENCLOSED A FORM ENTITLED "MAKING PROOF OF BENEFICIAL USE". PLEASE READ THE INSTRUCTIONS CAREFULLY SINCE YOU MUST TAKE FURTHER ACTION TO DEVELOP THIS PERMIT INTO A LICENSE.

SINCERELY,

DAVID R. TUTHILL, JR., P.E.
SUPERVISOR, WATER ALLOCATION SECTION

ENCLOSURE



DEPARTMENT OF WATER RESOURCES

The Idaho Department of Water Resources will consider this card as a statement that the permit holder(s) has completed development to the extent shown below of Permit No. 11-7275.

Name(s) of Permit Holder: Soda Springs Jr. Sch. Dist. 150

Post Office Address: P.O. Box 947
Soda Springs, Idaho 83276 Tel. No. (208) 547-3371

Source of Water: Well

Extent of Use: ☐ Domestic (number of households)
☐ Stockwater (number and type of stock)
☒ Irrigation Eight (8) (acres)
☒ Other Heat School

Measuring Device: Required? ☐ Yes ☒ No Installed? ☐ Yes ☒ No
Access Port: Required? ☐ Yes ☒ No Installed? ☐ Yes ☒ No

The above information is a true statement of the extent to which the above numbered permit has been developed.

August 2, 1983
Date

Lawrence Rigby
Signature of Permit Holder

State of Idaho
Department of Water Resources
WATER RIGHT LICENSE

License of Water Right No. 11-7275 Priority December 3, 1981 Amount 0.26 cfs
THIS IS TO CERTIFY, that Soda Springs Joint School District #150
of Soda Springs, Idaho, has complied with the terms and conditions of Permit
No. 11-7275 issued pursuant to Application for Permit dated December 3, 1981,
and has submitted proof to the Department of Water Resources on August 3, 1983,
that he has applied water to a beneficial use; an examination by the Department indicates that the works have a
capacity for the diversion of 0.26 cfs of water from a groundwater source,
tributary to _____, and that the permit holder has applied to a beneficial use and
established a right to use water as follows:

Beneficial Use	Period of Use	Rate of Diversion	Annual Volume
Heating	from <u>September 1</u> to <u>May 20</u>	at <u>0.26</u> cfs and	<u>N/A</u>
	from _____ to _____	at _____ cfs and	
	from _____ to _____	at _____ cfs and	

(both dates inclusive)

Subject, however, to the condition that no more than 0.26 cfs of water be diverted at any one time, and
that the amount of water so diverted and to which such right is entitled and confirmed is for the purpose
aforementioned and is limited to the amount which can actually be beneficially used and shall not exceed
N/A acre feet per year, said waters to be diverted within the NW1/4 NW1/4 Section 7,
Twp 9S, Rge 42E in the County of Caribou

Description and location of place of use:

Twp.	Range	Sec.	NE1/4				NW1/4				SW1/4				SE1/4				Totals
			NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	
9S	42E	7						X											

Total number of acres irrigated _____

CONDITIONS OF APPROVAL

- a. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho Law. This right may be forfeited by five years of non-use.
- b. The right to the use of the water hereby confirmed is restricted and appurtenant to lands or place of use herein described, and is subject to all prior water rights, as provided by the laws of Idaho.
- c. Any water right confirmed in this license for hydropower purposes shall be junior and subordinate to all rights to the use of water, other than hydropower, within the State of Idaho that are initiated later in time than the priority of this license and shall not give rise to any right or claim against any future rights to the use of water other than hydropower, within the State of Idaho initiated later in time than the priority of this license.

Return water shall be treated to insure that the effluent meets Idaho Water Quality Standards, if required.

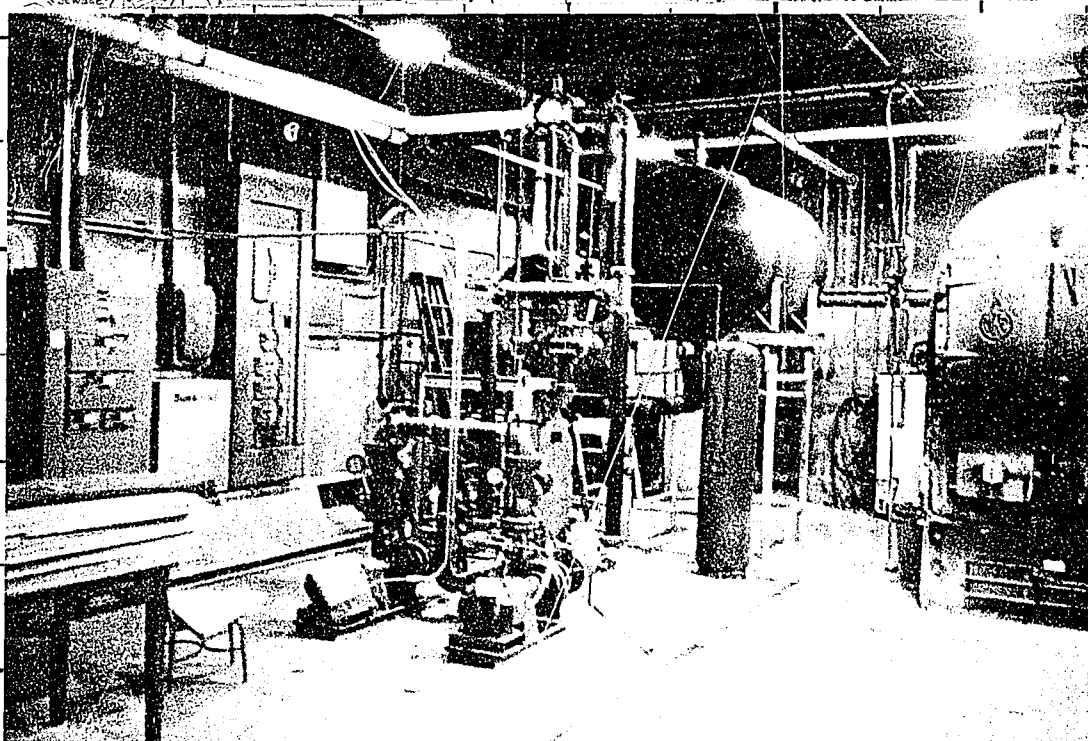
Witness the seal and signature of the Director, affixed at Boise, Idaho, this 15TH day of MAY, 19 86.

Acting for the Director

Norm C. Young

MS

Remarks Mr. Risby stated that water quality test of Artesian well water showed a similarity to that of Soda Creek (Point of injection)



uring device, if applicable.)

Exit to Creek

Surge Tank

From Artesian well

Heat Exchanger

pump (backup)

pump

Closed system water to class rooms 3

Place(s) of Use ✓

[illegible]

☒ None
☐ Other

Signature Al Jones
KC Wilson
X. Walker

Date 4-14-86

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

USE TYPEWRITER OR
BALLPOINT PEN

State law requires that this report be filed with the Director, Department of Water Resources
within 30 days after the completion or abandonment of the well.

NO. 15 1982

WELL OWNER

Name Soda Springs School
Address Soda Springs Idaho 83276
Owner's Permit No. _____

7. WATER LEVEL

Department of Water Resources
Eastern District Office

Static water level _____ feet below land surface.
Flowing? ☒ Yes ☐ No G.P.M. flow 116
Artesian closed-in pressure 10 p.s.i.
Controlled by: ☒ Valve ☐ Cap ☐ Plug
Temperature 78 °F. Quality Good

NATURE OF WORK

☒ New well ☐ Deepened ☐ Replacement
☐ Abandoned (describe method of abandoning) _____

8. WELL TEST DATA

☐ Pump ☐ Bailer ☐ Air ☐ Other _____

Discharge G.P.M.	Pumping Level	Hours Pumped

PROPOSED USE

☐ Domestic ☐ Irrigation ☒ Test ☐ Municipal
☐ Industrial ☐ Stock ☐ Waste Disposal or Injection
☐ Other _____ (specify type)

9. LITHOLOGIC LOG

Hole Diam.	Depth		Material	Water	
	From	To		Yes	No
10	0	6	Black mud		X
	6	14	Shale & clay		X
	14	48	Hard gray basalt		X
8	48	58	Broken brown basalt	X	
	58	65	Firm brown basalt		X
	65	72	Broken brown basalt	X	
	72	77	Firm gray basalt		X
	77	82	Brown broken basalt	X	
	82	90	Firm brown basalt		X
	90	93	Broken brown basalt		X
	93	123	Hard gray basalt		X
	123	128	Broken & some clay	X	
	128	146	Hard gray basalt		X
	146	155	Broken gray basalt		X
	155	159	Brown clay		X
	159	173	Hard gray basalt		X
	173	182	Broken some clay	X	
	182	221	Hard some clay		X
	221	225	Brown clay		X
	225	241	Brown clay & gravel		X
	241	252	Firm white rock		X
	252	265	Broken white rock	X	
	265	270	Firm white rock		X
	270	275	Clay red rock		X
	275	282	Broken rock		X
	282	290	Tuff red rock & clay		X
	290	295	Conglomerate		X
	295	305	Tuff red clay		X
	305	310	Clay & gravel		X
	310	331	Layers of red clay & conglomerate	X	
	331	394	Blue gummy clay		X
	394	405	Light gray rock firm		X
	405	411	Broken & clay (seepage water)	X	
	411	433	Firm gray rock	X	
	433	436	Red sand clay		X
	436	460	Broken rock & clay		X

METHOD DRILLED

☒ Rotary ☐ Air ☐ Hydraulic ☐ Reverse rotary
☐ Cable ☐ Dug ☐ Other _____

WELL CONSTRUCTION

Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____

Thickness	Diameter	From	To
250 inches	8 inches	1 feet	34 feet
250 inches	6 inches	1 feet	269 feet
250 inches	4 inches	82 feet	390 feet

Was casing drive shoe used? ☒ Yes ☐ No & 8"

Was a packer or seal used? ☐ Yes ☒ No

Perforated? ☐ Yes ☒ No

How perforated? ☐ Factory ☐ Knife ☐ Torch

Size of perforation _____ inches by _____ inches

Number	From	To

Well screen installed? ☐ Yes ☒ No

Manufacturer's name _____

Type _____ Model No. _____

Diameter _____ Slot size _____ Set from _____ feet to _____ feet

Diameter _____ Slot size _____ Set from _____ feet to _____ feet

Gravel packed? ☐ Yes ☒ No ☐ Size of gravel _____

Placed from _____ feet to _____ feet

Surface seal depth 260 Material used in seal: ☒ Cement grout

☐ Puddling clay ☐ Well cuttings

Sealing procedure used: ☐ Slurry pit ☒ Temp. surface casing

☒ Overbore to seal depth

Method of joining casing: ☐ Threaded ☒ Welded ☐ Solvent

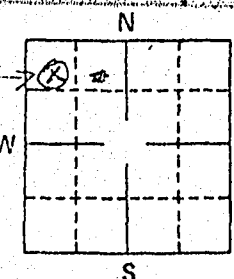
Weld

☐ Cemented between strata

Describe access port Well Cap

LOCATION OF WELL

Sketch map location must agree with written location.



Subdivision Name _____

Lot No. _____ Block No. _____

County Caribou

Section 7 T. 9 S. R. 12 E. W.

10.

Work started 6/10/82 finished 8/17/82

11. DRILLERS CERTIFICATION

I/We certify that all minimum well construction standards were
complied with at the time the rig was removed.

Firm Name Andrew Well Drilling Firm No. 5
Contr.

Address 1268 E. 17th Street Date 8/24/82

Idaho Falls, Idaho 83402

Signed by (Firm Official) [Signature]

and

(Operator) Dale Hulse

PERMIT NO. 11-7275 Soda Springs Sch. District
 (Name)
 Accompanied by: Mr. Ryby
 EXAMINATION: DATE: 9-2-80

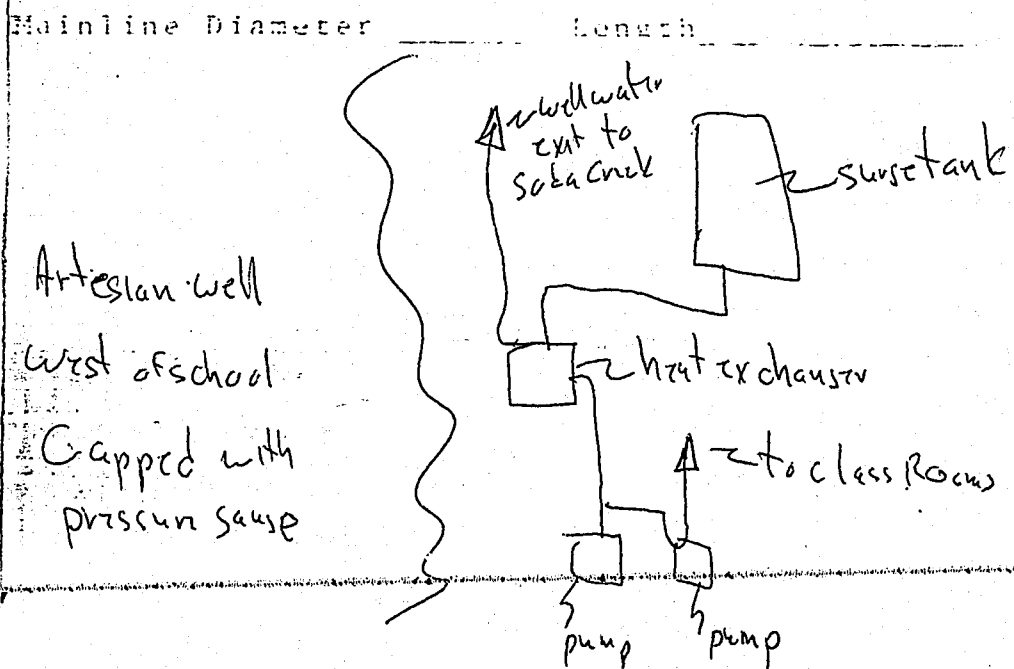
Motor Make	HP	Motor Serial No.	Pump Make	Pump Serial No.
U.S. Electric	7.5			

Measuring Device Type: Well & Pipe Report & Engineers
 Meter # _____ Annubar # _____ Size # _____

Remarks: Artesian well - stated that water
quality test showed similarity to Soda Creek (Point of
inspection)
 Measurement calculations:

Test flow 115 gpm
 pumps recirculate a closed system
 of water which is heated by heat
 exchanger. Water is diverted to Soda Creek

SCHEMATIC DIAGRAM OF SYSTEM





State of Idaho
DEPARTMENT OF WATER RESOURCES
STATE OFFICE, 450 W. State Street, Boise, Idaho

JOHN V. EVANS
Governor

A. KENNETH DUNN
Director

Mailing address:
Storehouse
Boise, Idaho 83720
(208) 334-4440

April 21, 1986

RE: Permit No. 11-7275

Soda Springs Joint School District #150
Box 947
Soda Springs, ID 83276

Dear Permit Holder(s):

Enclosed is a draft copy of the license proposed to be issued on the above referenced water right.

If you do not concur with the information shown on the draft license, please advise the Department within ten (10) days. If you have any questions, please let us know; otherwise, the license will be issued as identified on the draft copy.

Sincerely,

JIM JOHNSON
Water Rights Supervisor

JJ:sc

Enclosure



State of Idaho

DEPARTMENT OF WATER RESOURCES

STATE OFFICE, 450 W. State Street, Boise, Idaho

JOHN V. EVANS
Governor

A. KENNETH DUNN
Director

Mailing address:
Statehouse
Boise, Idaho 83720
(208) 334-4440

May 19, 1986

RE: Permit No. 11-7275

Soda Springs Joint School Dist. #150
Box 947
Soda Springs, ID 83276

Gentlemen:

Enclosed herewith is a copy of the Water Right License issued on the above referenced Permit.

Sincerely,

JIM JOHNSON
Water Distribution Supervisor

JJ:sc

Enclosure

Form 204-p
6/82

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
COMMENCEMENT OF WORKS

Permit No. 11-7275

Name(s) of Permit Holder(s): Schoel Dist #150 (Soda Springs)

Post Office Address: P.O. Box 947 Soda Springs, Idaho

83276

Tel. No. 208-547-3371

☒ I hereby certify that construction of diversion works for the above referenced permit began on June 7, 1982 (date). I understand that I must continue to develop the water system with due diligence to maintain a valid permit.

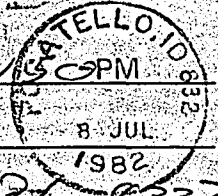
☐ I hereby certify that construction of diverting works on the above referenced project has not yet begun due to the following reason beyond my control*:

*Note: A financing difficulty is not an acceptable reason.

7-8-82
Date

Laurie R. Rigg
Signature of Permit Holder

School Post # 150
P.O. Box 147
Soda Springs Ida 83276



RECEIVED

JUL 12 1982



Department of Water Resources

IDAHO DEPARTMENT OF WATER RESOURCES
STATEHOUSE
BOISE, IDAHO 83720

ANDREW
52544

ANDREW WELL DRILLING

Contractors

Phone 522-2794

Pump and Well Drilling Equipment Installed

1268 E. 17th St., Idaho Falls, Idaho

PURE DRINKING WATER IS THE ESSENCE OF LIFE, LET US DRILL YOUR WELL, AND YOU WILL BE SATISFIED.

VERL J. ANDREW
Phone 522-2823

Pg 2-12
MAR 1 1965

Soda Springs School
Soda Springs, Idaho 83276

Hole	Depth		Material	Water	
	From	To		Yes	No
8	460	482	Firm gray rock.		X
8	482	562	Conglomerate & clay.		X
8	562	642	Firm greenish brown rock.		X
8	642	662	Firm greenish brown rock.		X
8	662	670	Broken greenish brown rock.	X	
8	670	688	Hard limestone gray.		X
8	688	702	Hard limestone gray with cracks	X	
8	702	738	Hard gray rock.		X
8	738	748	Conglomerate.		X
8	748	760	Hard limestone.		X
8	760	770	Broken limestone.	X	
8	770	800	Hard limestone.		X

NW
NE NW
Sec 7, T 9 S R 42 E

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

USE TYPEWRITER OR
BALLPOINT PEN

WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Resources
within 30 days after the completion or abandonment of the well.

NOV 15 1982

1. WELL OWNER Name <u>Soda Springs School</u> Address <u>Soda Springs Idaho 83276</u> Owner's Permit No. <u>11-7275</u>	7. WATER LEVEL Department of Water Resources Eastern District Office Static water level _____ feet below land surface. Flowing? ☒ Yes ☐ No G.P.M. flow <u>116</u> Artesian closed-in pressure <u>50</u> p.s.i. Controlled by: ☒ Valve ☐ Cap ☐ Plug Temperature <u>78</u> °F. Quality <u>Good</u>																																																																																																																																																																																																																																		
2. NATURE OF WORK ☒ New well ☐ Deepened ☐ Replacement ☐ Abandoned (describe method of abandoning) _____	8. WELL TEST DATA ☐ Pump ☐ Bailor ☐ Air ☐ Other _____ <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Discharge G.P.M.</th> <th>Pumping Level</th> <th>Hours Pumped</th> </tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </table>	Discharge G.P.M.	Pumping Level	Hours Pumped																																																																																																																																																																																																																															
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3. PROPOSED USE ☐ Domestic ☐ Irrigation ☒ Test ☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection ☐ Other _____ (specify type)	9. LITHOLOGIC LOG <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Hole Diam.</th> <th colspan="2">Depth</th> <th rowspan="2">Material</th> <th colspan="2">Water</th> </tr> <tr> <th>From</th> <th>To</th> <th>Yes</th> <th>No</th> </tr> </thead> <tbody> <tr><td>10</td><td>0</td><td>6</td><td>Black mud</td><td></td><td>X</td></tr> <tr><td></td><td>6</td><td>14</td><td>Shale & clay</td><td></td><td>X</td></tr> <tr><td></td><td>14</td><td>48</td><td>Hard gray basalt</td><td></td><td>X</td></tr> <tr><td>8</td><td>48</td><td>58</td><td>Broken brown basalt</td><td>X</td><td></td></tr> <tr><td></td><td>58</td><td>65</td><td>Firm brown basalt</td><td></td><td>X</td></tr> <tr><td></td><td>65</td><td>72</td><td>Broken brown basalt</td><td>X</td><td></td></tr> <tr><td></td><td>72</td><td>77</td><td>Firm gray basalt</td><td></td><td>X</td></tr> <tr><td></td><td>77</td><td>82</td><td>Brown broken basalt</td><td>X</td><td></td></tr> <tr><td></td><td>82</td><td>90</td><td>Firm brown basalt</td><td></td><td>X</td></tr> <tr><td></td><td>90</td><td>93</td><td>Broken brown basalt</td><td></td><td>X</td></tr> <tr><td></td><td>93</td><td>123</td><td>Hard gray basalt</td><td></td><td>X</td></tr> <tr><td></td><td>123</td><td>128</td><td>Broken & some clay</td><td>X</td><td></td></tr> <tr><td></td><td>128</td><td>146</td><td>Hard gray basalt</td><td></td><td>X</td></tr> <tr><td></td><td>146</td><td>155</td><td>Broken gray basalt</td><td></td><td>X</td></tr> <tr><td></td><td>155</td><td>159</td><td>Brown clay</td><td></td><td>X</td></tr> <tr><td></td><td>159</td><td>173</td><td>Hard gray basalt</td><td></td><td>X</td></tr> <tr><td></td><td>173</td><td>182</td><td>Broken some clay</td><td>X</td><td></td></tr> <tr><td></td><td>182</td><td>221</td><td>Hard some clay</td><td></td><td>X</td></tr> <tr><td></td><td>221</td><td>225</td><td>Brown clay</td><td></td><td>X</td></tr> <tr><td></td><td>225</td><td>241</td><td>Brown clay & gravel</td><td></td><td>X</td></tr> <tr><td></td><td>241</td><td>252</td><td>Firm white rock</td><td></td><td>X</td></tr> <tr><td></td><td>252</td><td>265</td><td>Broken white rock</td><td>X</td><td></td></tr> <tr><td></td><td>265</td><td>270</td><td>Firm white rock</td><td></td><td>X</td></tr> <tr><td></td><td>270</td><td>275</td><td>Clay red rock</td><td></td><td>X</td></tr> <tr><td></td><td>275</td><td>282</td><td>Broken rock</td><td></td><td>X</td></tr> <tr><td></td><td>282</td><td>290</td><td>Tuff red rock & clay</td><td></td><td>X</td></tr> <tr><td></td><td>290</td><td>295</td><td>Conglomerate</td><td></td><td>X</td></tr> <tr><td></td><td>295</td><td>305</td><td>Tuff red clay</td><td></td><td>X</td></tr> <tr><td></td><td>305</td><td>310</td><td>Clay & gravel</td><td></td><td>X</td></tr> <tr><td></td><td>310</td><td>331</td><td>Layers of red clay & conglomerate</td><td>X</td><td></td></tr> <tr><td></td><td>331</td><td>394</td><td>Blue gummy clay</td><td></td><td>X</td></tr> <tr><td></td><td>394</td><td>405</td><td>Light gray rock firm</td><td></td><td>X</td></tr> <tr><td></td><td>405</td><td>411</td><td>Broken & clay (seepage water)</td><td>X</td><td></td></tr> <tr><td></td><td>411</td><td>433</td><td>Firm gray rock</td><td></td><td>X</td></tr> <tr><td></td><td>433</td><td>436</td><td>Red sand clay</td><td></td><td>X</td></tr> <tr><td></td><td>436</td><td>460</td><td>Broken rock & clay</td><td></td><td>X</td></tr> </tbody> </table>	Hole Diam.	Depth		Material	Water		From	To	Yes	No	10	0	6	Black mud		X		6	14	Shale & clay		X		14	48	Hard gray basalt		X	8	48	58	Broken brown basalt	X			58	65	Firm brown basalt		X		65	72	Broken brown basalt	X			72	77	Firm gray basalt		X		77	82	Brown broken basalt	X			82	90	Firm brown basalt		X		90	93	Broken brown basalt		X		93	123	Hard gray basalt		X		123	128	Broken & some clay	X			128	146	Hard gray basalt		X		146	155	Broken gray basalt		X		155	159	Brown clay		X		159	173	Hard gray basalt		X		173	182	Broken some clay	X			182	221	Hard some clay		X		221	225	Brown clay		X		225	241	Brown clay & gravel		X		241	252	Firm white rock		X		252	265	Broken white rock	X			265	270	Firm white rock		X		270	275	Clay red rock		X		275	282	Broken rock		X		282	290	Tuff red rock & clay		X		290	295	Conglomerate		X		295	305	Tuff red clay		X		305	310	Clay & gravel		X		310	331	Layers of red clay & conglomerate	X			331	394	Blue gummy clay		X		394	405	Light gray rock firm		X		405	411	Broken & clay (seepage water)	X			411	433	Firm gray rock		X		433	436	Red sand clay		X		436	460	Broken rock & clay		X
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4. METHOD DRILLED ☒ Rotary ☐ Air ☐ Hydraulic ☐ Reverse rotary ☐ Cable ☐ Dug ☐ Other _____	10. (OVER) Work started <u>6/10/82</u> finished <u>8/17/82</u>																																																																																																																																																																																																																																		
5. WELL CONSTRUCTION Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____ <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Thickness</th> <th>Diameter</th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td>.250 inches</td> <td>8 inches</td> <td>+ 1 feet</td> <td>34 feet</td> </tr> <tr> <td>.250 inches</td> <td>6 inches</td> <td>1 feet</td> <td>269 feet</td> </tr> <tr> <td>.250 inches</td> <td>4 inches</td> <td>82 feet</td> <td>390 feet</td> </tr> <tr> <td>_____ inches</td> <td>_____ inches</td> <td>_____ feet</td> <td>_____ feet</td> </tr> </tbody> </table> Was casing drive shoe used? ☒ Yes ☐ No & 8" Was a packer or seal used? ☐ Yes ☒ No Perforated? ☐ Yes ☒ No How perforated? ☐ Factory ☐ Knife ☐ Torch Size of perforation _____ inches by _____ inches <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Number</th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td>_____ perforations</td> <td>_____ feet</td> <td>_____ feet</td> </tr> <tr> <td>_____ perforations</td> <td>_____ feet</td> <td>_____ feet</td> </tr> <tr> <td>_____ perforations</td> <td>_____ feet</td> <td>_____ feet</td> </tr> </tbody> </table> Well screen installed? ☐ Yes ☒ No Manufacturer's name _____ Type _____ Model No. _____ Diameter _____ Slot size _____ Set from _____ feet to _____ feet Diameter _____ Slot size _____ Set from _____ feet to _____ feet Gravel packed? ☐ Yes ☒ No ☐ Size of gravel _____ Placed from _____ feet to _____ feet Surface seal depth <u>260</u> Material used in seal: ☒ Cement grout ☐ Puddling clay ☐ Well cuttings Sealing procedure used: ☐ Slurry pit ☒ Temp. surface casing ☒ Overbore to seal depth Method of joining casing: ☐ Threaded ☒ Welded ☐ Solvent Weld ☐ Cemented between strata Describe access port <u>Well Cap</u>	Thickness	Diameter	From	To	.250 inches	8 inches	+ 1 feet	34 feet	.250 inches	6 inches	1 feet	269 feet	.250 inches	4 inches	82 feet	390 feet	_____ inches	_____ inches	_____ feet	_____ feet	Number	From	To	_____ perforations	_____ feet	_____ feet	_____ perforations	_____ feet	_____ feet	_____ perforations	_____ feet	_____ feet	11. DRILLERS CERTIFICATION I/We certify that all minimum well construction standards were complied with at the time the rig was removed. Firm Name <u>Andrew Well Drilling</u> Firm No. <u>5</u> Contr. _____ Address <u>1268 E. 17th Street</u> Date <u>8/24/82</u> <u>Idaho Falls, Idaho 83402</u> Signed by (Firm Official) <u>[Signature]</u> and _____ (Operator) <u>Dale Hulse</u>																																																																																																																																																																																																		
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6. LOCATION OF WELL Sketch map location must agree with written location. Subdivision Name _____ Lot No. _____ Block No. _____ County <u>Caribou</u> <u>NW</u> 1/4 NW 1/4 Sec. <u>7</u>, T. <u>9</u> N/S, R. <u>42</u> E/W.	USE ADDITIONAL SHEETS IF NECESSARY - FORWARD THE WHITE COPY TO THE DEPARTMENT																																																																																																																																																																																																																																		

Joint School District No. 150

Caribou, Bear Lake and Bonneville Counties

P.O. Box 947

Soda Springs, Idaho 83276

JUL 30 1986

RECEIVED

AUG 6 1986

Department of Water Resources
Joint District Office

MILTON B. GAMBLES, CHAIRMAN

BRUCE B. MUIR, CLERK

LAWRENCE K. RIGBY, SUPERINTENDENT OF SCHOOLS

TELEPHONE No. - (208) 547-3371

July 29, 1986

Andrews Well Drilling Contractors
1268 East 17
Idaho Falls, Idaho 83401

Dear Mr. Andrews:

In 1982 your firm drilled a hot water well for this school district. Shortly after completion and putting the well into service it became evident that we did not have a good seal on the well.

After several communications, your firm did come and give the well some additional attention at that time. The problem persists however and is steadily getting worse. I now believe we are in danger of losing the well entirely.

Howard, I have told you of my concerns repeatedly over the last three years. Each time you assure me you will check it out or that you have checked it out and we should wait and see what develops.

I have trusted you and your firm to do right by the School District. I do not have a great deal of expertise in this area and so must depend on your expertise and integrity.

The well is so bad as to be dangerous at this point. Even a novice can see something must be done soon.

I have checked with several entities and each of them indicated that your firm has both the legal and the moral obligation to properly install, cap and seal the well.

It has washed away the earth from around the well. I cannot tell how deep the hole might be but if a child happens to be injured or worse, neither you nor I will ever be excused. Additionally, if we are not able to heat the school this

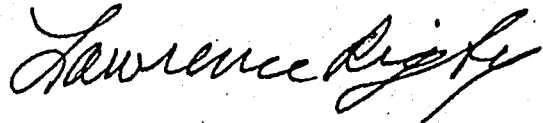
Page 2

winter because proper attention has not been paid to this well, the cost will be great . The District does not plan to bear that cost nor the possible disruption to the school system.

Please give this matter your immediate attention.

Sincerely,

Lawrence K. Rigby,
Superintendent

A handwritten signature in cursive script, reading "Lawrence Rigby".

CC: Clyde Nelson, Attorney

Well Construction Complaint
Hooper School Soda Springs

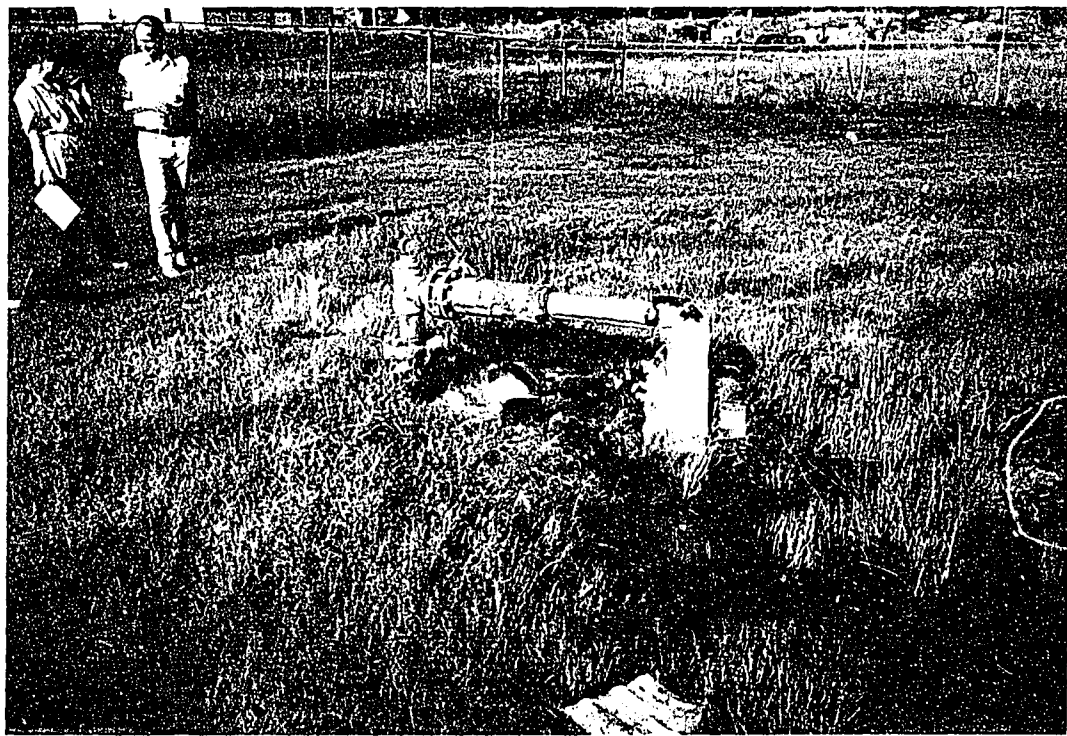
On August 4, 1986 I met with Hooper School Principal Robert Hoggan at the school grounds to look at the geothermal well that the school uses. Water from this well is under artesian pressure and was emerging all around the well. A four inch drain line and small ditch carried the emerging water about 100 feet to Soda Creek. There is no pump in this well, with artesian pressure providing enough boost to circulate water through the heat exchange system.

I could not tell if this situation is caused by a split casing or improper or cracked surface seal. Mr. Hoggan testifies the initial problem began two months after the well was completed back in August of 1982. Mr Hoggan also implied that the Superintendent Lawrence Rigby has had several conversations with Howard Andrews, the well driller, about these problems.

The surging water is almost eruptive in the way it comes out of the ground. This water is warm and clear. If the surface seal were defective, you might expect some soil to be eroded away and discolor the water. The clear nature of the effluent water might lend weight to the opinion that the casing may have failed and water is surging up between the casing and concrete seal.

Harold W. Jones

Hooper School
Geothermal Well
8-04-1986





Hooper School Geothermal Well
Drain ditch brings emerging
well water to Soda Creek



4" drain pipe
also delivers water
from well to
Soda Creek

FOR CLARITY
OF ANY
PHOTOGRAPHS
FILMED

SEE FILE



State of Idaho

DEPARTMENT OF WATER RESOURCES

STATE OFFICE, 450 W. State Street, Boise, Idaho

JOHN V. EVANS
Governor

A. KENNETH DUNN
Director

Mailing address:
Statehouse
Boise, Idaho 83720
(208) 334-4440

August 13, 1986

Howard F. Andrew
Andrew Well Drilling
1268 E. 17th Street
Idaho Falls, ID 83401

Dear Mr. Andrew:

The Department recently inspected a well you drilled for the Soda Springs School District in 1982. The well is in Sec. 7, T9S, R42E, and is used to heat the school. The well is leaking badly around the outside of the casing.

Based upon our observations it appears that the seal and/or casing have failed and must be repaired. I am asking that you meet with school district personnel and Department regional office personnel to evaluate what can and should be done to correct the problem. Please take action at once so that the situation may be corrected soon.

Sincerely,

JOHN E. BEAL, Manager
Groundwater Protection Section

JEB:ldt

CC: Harold Jones
Lawrence Rigby, Supt. of Schools

CONVERSATION MEMORANDUM

DATE 7/29/86

FILE _____

NAME OF PARTY Lawrence Rigby 547-3371EMPLOYEE John Beal

RE: Sue Seifert of Energy asked that
I call Mr. Rigby - per a
hot Artesian well owned by Soda
Springs School Dist.

Loc. T9S R42E Sec 7Water Rt 11-7275Field Ex 9/2/83 (no report of
Faulty well).

Mr. Rigby stated.

• Well problem 1-2 months after
construction

• Faulty Construction

• Caverns are developing

• Address of IF drilled well

I called Skip - he will try
to get over next week.

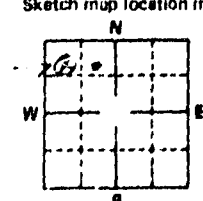
Form 7347
1/78

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Resources
within 30 days after the completion or abandonment of the well.

USE TYPEWRITER OR
BALLPOINT PEN

NOV 18 1982

1. WELL OWNER Name Soda Springs School Address Soda Springs Idaho 83276 Owner's Permit No.		7. WATER LEVEL Department of Water Resources Eastern District Office Static water level feet below land surface. Flowing? ☐ Yes ☐ No G.P.M. flow 115 Artesian closed in pressure 50 p.s.i. Controlled by: ☒ Valve ☐ Cap ☐ Plug Temperature 78 OF. Quality Good																																																																																																																																																																																																																																			
2. NATURE OF WORK ☒ New well ☐ Deepened ☐ Replacement ☐ Abandoned (describe method of abandoning)		8. WELL TEST DATA ☐ Pump ☐ Baller ☐ Air ☐ Other <table border="1"> <tr> <th>Discharge G.P.M.</th> <th>Pumping Level</th> <th>Hours Pumped</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>		Discharge G.P.M.	Pumping Level	Hours Pumped																																																																																																																																																																																																																															
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3. PROPOSED USE ☐ Domestic ☐ Irrigation ☒ Test ☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection (specify type) ☐ Other		9. LITHOLOGIC LOG <table border="1"> <thead> <tr> <th rowspan="2">Hole Diam</th> <th colspan="2">Depth</th> <th rowspan="2">Material</th> <th colspan="2">Water</th> </tr> <tr> <th>From</th> <th>To</th> <th>Yes</th> <th>No</th> </tr> </thead> <tbody> <tr><td>10</td><td>0</td><td>6</td><td>Black mud</td><td></td><td>X</td></tr> <tr><td>6</td><td>6</td><td>14</td><td>Shale & clay</td><td></td><td>X</td></tr> <tr><td>14</td><td>14</td><td>48</td><td>Hard gray basalt</td><td></td><td>X</td></tr> <tr><td>48</td><td>48</td><td>52</td><td>Broken brown basalt</td><td>X</td><td></td></tr> <tr><td>58</td><td>58</td><td>61</td><td>Firm brown basalt</td><td></td><td>X</td></tr> <tr><td>65</td><td>65</td><td>72</td><td>Broken brown basalt</td><td>X</td><td></td></tr> <tr><td>72</td><td>72</td><td>77</td><td>Firm gray basalt</td><td></td><td>X</td></tr> <tr><td>77</td><td>77</td><td>92</td><td>Brown broken basalt</td><td>X</td><td></td></tr> <tr><td>92</td><td>92</td><td>90</td><td>Firm brown basalt</td><td></td><td>X</td></tr> <tr><td>90</td><td>90</td><td>93</td><td>Broken brown basalt</td><td>X</td><td></td></tr> <tr><td>93</td><td>93</td><td>123</td><td>Hard gray basalt</td><td></td><td>X</td></tr> <tr><td>123</td><td>123</td><td>128</td><td>Broken & some clay</td><td>X</td><td></td></tr> <tr><td>128</td><td>128</td><td>146</td><td>Hard gray basalt</td><td></td><td>X</td></tr> <tr><td>146</td><td>146</td><td>155</td><td>Broken gray basalt</td><td></td><td>X</td></tr> <tr><td>155</td><td>155</td><td>159</td><td>Brown clay</td><td></td><td>X</td></tr> <tr><td>159</td><td>159</td><td>173</td><td>Hard gray basalt</td><td></td><td>X</td></tr> <tr><td>173</td><td>173</td><td>182</td><td>Broken some clay</td><td>X</td><td></td></tr> <tr><td>182</td><td>182</td><td>221</td><td>Hard some clay</td><td></td><td>X</td></tr> <tr><td>221</td><td>221</td><td>225</td><td>Brown clay</td><td></td><td>X</td></tr> <tr><td>225</td><td>225</td><td>241</td><td>Brown clay & gravel</td><td></td><td>X</td></tr> <tr><td>241</td><td>241</td><td>252</td><td>Firm white rock</td><td></td><td>X</td></tr> <tr><td>252</td><td>252</td><td>265</td><td>Broken white rock</td><td>X</td><td></td></tr> <tr><td>265</td><td>265</td><td>270</td><td>Firm white rock</td><td></td><td>X</td></tr> <tr><td>270</td><td>270</td><td>275</td><td>Clay red rock</td><td></td><td>X</td></tr> <tr><td>275</td><td>275</td><td>282</td><td>Broken rock</td><td></td><td>X</td></tr> <tr><td>282</td><td>282</td><td>290</td><td>Tuff red rock & clay</td><td></td><td>X</td></tr> <tr><td>290</td><td>290</td><td>295</td><td>Conglomerate</td><td></td><td>X</td></tr> <tr><td>295</td><td>295</td><td>305</td><td>Tuff red clay</td><td></td><td>X</td></tr> <tr><td>305</td><td>305</td><td>310</td><td>Clay & gravel</td><td></td><td>X</td></tr> <tr><td>310</td><td>310</td><td>331</td><td>Layers of red clay & conglomerate</td><td>X</td><td></td></tr> <tr><td>331</td><td>331</td><td>394</td><td>Blue gummy clay</td><td></td><td>X</td></tr> <tr><td>394</td><td>394</td><td>405</td><td>Light gray rock firm</td><td></td><td>X</td></tr> <tr><td>405</td><td>405</td><td>411</td><td>Broken & clay (seepage water)</td><td>X</td><td></td></tr> <tr><td>411</td><td>411</td><td>433</td><td>Firm gray rock</td><td></td><td>X</td></tr> <tr><td>433</td><td>433</td><td>436</td><td>Red sand clay</td><td></td><td>X</td></tr> <tr><td>436</td><td>436</td><td>466</td><td>Broken rock & clay</td><td></td><td>X</td></tr> </tbody> </table>		Hole Diam	Depth		Material	Water		From	To	Yes	No	10	0	6	Black mud		X	6	6	14	Shale & clay		X	14	14	48	Hard gray basalt		X	48	48	52	Broken brown basalt	X		58	58	61	Firm brown basalt		X	65	65	72	Broken brown basalt	X		72	72	77	Firm gray basalt		X	77	77	92	Brown broken basalt	X		92	92	90	Firm brown basalt		X	90	90	93	Broken brown basalt	X		93	93	123	Hard gray basalt		X	123	123	128	Broken & some clay	X		128	128	146	Hard gray basalt		X	146	146	155	Broken gray basalt		X	155	155	159	Brown clay		X	159	159	173	Hard gray basalt		X	173	173	182	Broken some clay	X		182	182	221	Hard some clay		X	221	221	225	Brown clay		X	225	225	241	Brown clay & gravel		X	241	241	252	Firm white rock		X	252	252	265	Broken white rock	X		265	265	270	Firm white rock		X	270	270	275	Clay red rock		X	275	275	282	Broken rock		X	282	282	290	Tuff red rock & clay		X	290	290	295	Conglomerate		X	295	295	305	Tuff red clay		X	305	305	310	Clay & gravel		X	310	310	331	Layers of red clay & conglomerate	X		331	331	394	Blue gummy clay		X	394	394	405	Light gray rock firm		X	405	405	411	Broken & clay (seepage water)	X		411	411	433	Firm gray rock		X	433	433	436	Red sand clay		X	436	436	466	Broken rock & clay		X
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4. METHOD DRILLED ☒ Rotary ☐ Air ☐ Hydraulic ☐ Reverse rotary ☐ Cable ☐ Dug ☐ Other		10. (OVER) Work started 6/10/82 finished 8/17/82																																																																																																																																																																																																																																			
5. WELL CONSTRUCTION Casing schedule: ☒ Steel ☐ Concrete ☐ Other <table border="1"> <thead> <tr> <th>Thickness</th> <th>Diameter</th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr><td>.250 inches</td><td>8 inches</td><td>0</td><td>34 feet</td></tr> <tr><td>.250 inches</td><td>6 inches</td><td>1</td><td>269 feet</td></tr> <tr><td>.250 inches</td><td>4 inches</td><td>22</td><td>390 feet</td></tr> </tbody> </table> Was casing drive shoe used? ☒ Yes ☐ No 6" & 8" Was a packer or seal used? ☐ Yes ☒ No Perforated? ☐ Yes ☒ No How perforated? ☐ Factory ☐ Knife ☐ Torch Size of perforation inches by inches <table border="1"> <thead> <tr> <th>Number</th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr><td>perforations</td><td>feet</td><td>feet</td></tr> <tr><td>perforations</td><td>feet</td><td>feet</td></tr> <tr><td>perforations</td><td>feet</td><td>feet</td></tr> </tbody> </table> Well screen installed? ☐ Yes ☒ No Manufacturer's name _____ Type _____ Model No. _____ Diameter _____ Slot size _____ Set from _____ feet to _____ feet Diameter _____ Slot size _____ Set from _____ feet to _____ feet Gravel packed? ☐ Yes ☒ No ☐ Size of gravel _____ Placed from _____ feet to _____ feet Surface seal depth 250 Material used in seal: ☒ Cement grout ☐ Puddling clay ☐ Well cuttings Sealing procedure used: ☐ Slurry pit ☒ Temp. surface casing ☒ Overbore to seal depth Method of joining casing: ☐ Threaded ☒ Welded ☐ Solvent Weld ☐ Cemented between strata Describe access port Well Cap		Thickness	Diameter	From	To	.250 inches	8 inches	0	34 feet	.250 inches	6 inches	1	269 feet	.250 inches	4 inches	22	390 feet	Number	From	To	perforations	feet	feet	perforations	feet	feet	perforations	feet	feet	11. DRILLERS CERTIFICATION I/We certify that all minimum well construction standards were complied with at the time the rig was removed. Firm Name Andrew Well Drilling Firm No. 1 Contr. _____ Address 1268 E. 17th Street Date 9/24/82 Idaho Falls, Idaho 83409 Signed by (Firm Official) <i>Andrew J. Hooten</i> and (Operator) <i>Dale Hulse</i>																																																																																																																																																																																																							
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6. LOCATION OF WELL Sketch map location must agree with written location.  Subdivision Name _____ Lot No. _____ Block No. _____ County Caribou NW 1/4 Sec. 7 T. 9 S. 8 R. 42 E. N.		USE ADDITIONAL SHEETS IF NECESSARY - FORWARD THE WHITE COPY TO THE DEPARTMENT																																																																																																																																																																																																																																			

			Yes	No
460	402	Firm gray rock		X
482	562	Conglomerate & clay		X
562	642	Firm greenish brown rock		X
642	662	Firm greenish brown rock		X
662	670	Broken greenish brown rock	X	
670	688	Hard limestone gray		X
688	702	Hard limestone gray with cracks	X	
702	738	Hard gray rock		X
738	748	Conglomerate		X
748	760	Hard limestone		X
760	770	Broken limestone	X	
770	800	Hard limestone		X

Soda Spring School

~~NE SE~~
NW NW Sec 7
T 9 S R 42 E

Andrew WD #5

			Yes	No
460	402	Firm gray rock		X
482	562	Conglomerate & clay		X
562	642	Firm greenish brown rock		X
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770	800	Hard limestone		X

Soda Spring School
~~SE SE~~
 NW NW Sec 7
 T 9 S R 4 E
 Andrew WD #5

CONVERSATION MEMORANDUM

DATE 8/15/86

NAME OF PARTY

Howard A-dre - called

FILE

EMPLOYEE

John BealSkip Jones

RE:

A-dre is going to Soda Sp.
next wk - do some work
week -

He is afraid that
well may have to be
closed. Water very corrosive.

10/6/86

A-dre to Skip Jones -

① He told School Dist that he
would fix well but it must be
shut down for now.

② School Dist said - wait till
after heating season (next spring).

③ He will go back in
spring.



State of Idaho

DEPARTMENT OF WATER RESOURCES

STATE OFFICE, 450 W. State Street, Boise, Idaho

CECIL D. ANDRUS
Governor

A. KENNETH DUNN
Director

Mailing address:
Statehouse
Boise, Idaho 83720
(208) 334-4440

July 8, 1987

Lawrence K. Rigby, Superintendent
Joint School District No. 150
P.O. Box 947
Soda Springs, ID 83276

RE: Well Repair for 11-7275

Dear Mr. Rigby:

In 1986 you submitted correspondence concerning the well at the Hooper School. It was my understanding that some work would be done this spring. Has the well be repaired?

During our discussions with Mr. Andrew, the well driller, he expressed a concern that proper well repair may not be possible without abandonment. I was interested in finding out if the work was performed without abandonment.

Please let me know what has occurred.

Sincerely,

JOHN E. BEAL, Manager
Groundwater Protection Section

JEB:ldt

Office of the Superintendent
Joint School District #150
P. O. Box 947
Soda Springs, Idaho 83276



Mr. John E. Beal
Ground Protection Section
State of Idaho Department of Water Resources
State Office
450 W. State Street
Boise, Idaho 83720



Joint School District No. 150

Caribou, Bear Lake and Bonneville Counties

P.O. Box 947

Soda Springs, Idaho 83276

RECEIVED

JUL 20 1987

Department of Water Resources

MILTON B. GAMBLES, CHAIRMAN

DORLENE MAZZA, CLERK-TREASURER

LAWRENCE K. RIGBY, SUPERINTENDENT OF SCHOOLS

File 11-7275

TELEPHONE No. - (208) 547-3371

July 16, 1987

Dear Mr. Beal:

Thank you for your concern regarding our well problems at Hooper School. Andrews Well Drillers has been on the site and attempted a repair.

At this moment all the pressure has been taken off the well in an effort to allow the new coping cement to properly cure. It will be at least another couple weeks before we will know if the repairs have been successful.

I will keep you informed as to our progress on this repair project. At the present it looks pretty good.

Sincerely,



Lawrence K. Rigby,
Superintendent of Schools