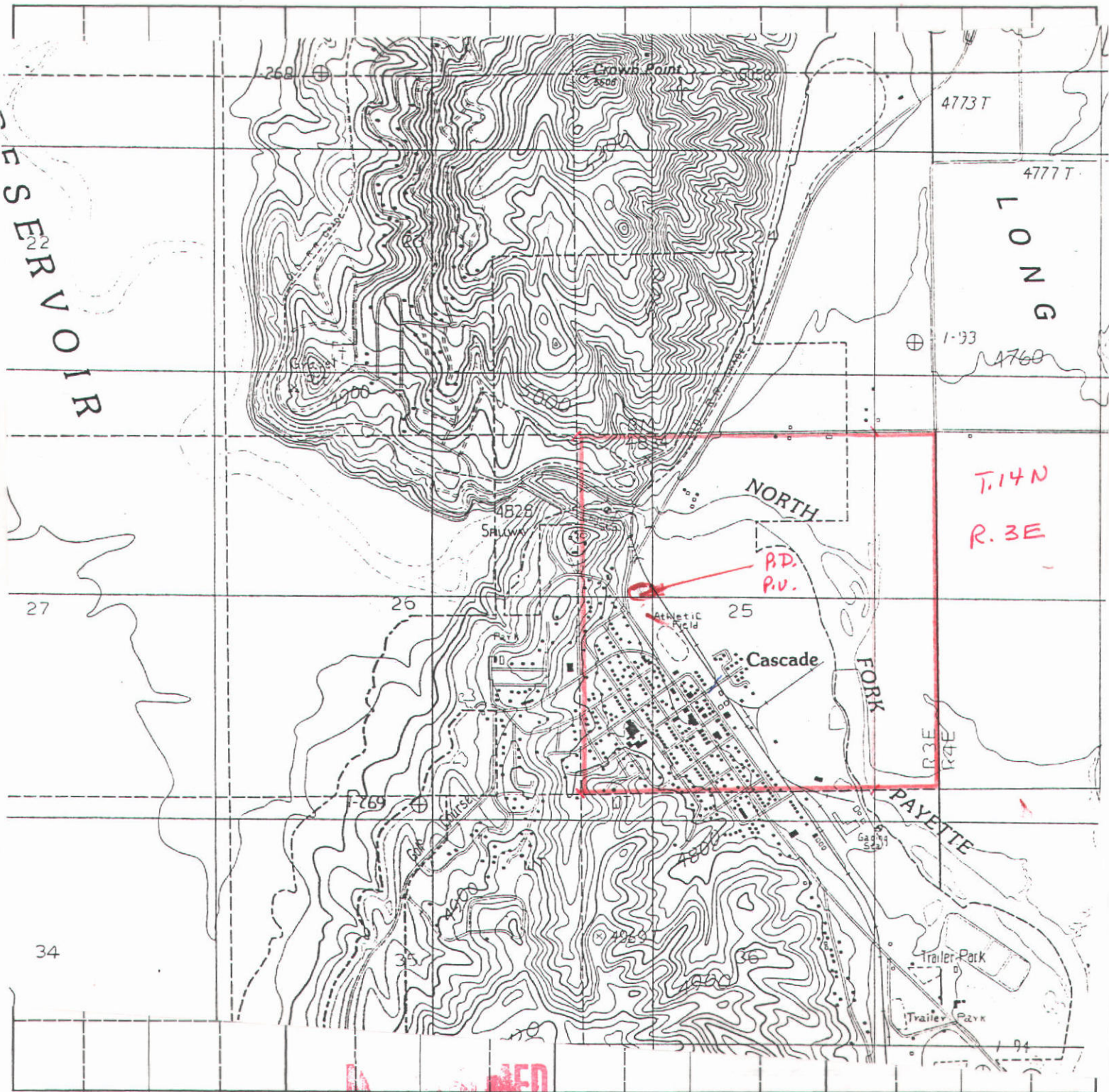


13. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.



Scale: 2 inches equal 1 mile

OCT 03 1988
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.

Randy J. Turner
(Applicant)

L.D.S. CHURCH PHYSICAL FACILITIES
REGIONAL MANAGER

PUBLISHER'S AFFIDAVIT OF PUBLICATION

STATE OF IDAHO

SS.

County of Valley

I, Lorrice Platt, being duly sworn deposes and says, I am the receptionist of The Central Idaho Star-News, a weekly newspaper published at McCall, in the County of Valley, State of Idaho; that said newspaper is in general circulation in the county of aforesaid and is a legal newspaper; NOTICE OF APPLICATION FOR

that the WATER RIGHT, a copy of which is attached hereto and made a part hereof, was published in said newspaper once a week for TWO consecutive weeks in the regular and entire issue of every number thereof during the period and time of publication, and was published in the newspaper proper and not in a supplement; and that publication of such notice began,

March 16, 19 88

and ended, March 23, 19 88

Lorrice Platt

Subscribed and sworn before me, this the

24th day of March, 19 88

STATE OF IDAHO, COUNTY OF VALLEY, ss..

On this 24th day of March, 19 88,

before me, a Notary Public in and for said State, personally appeared Lorrice Platt known to me or identified to me to be the receptionist of the corporation that executed the instrument or the person(s) who executed the instrument on behalf of said corporation, and acknowledged to me that such corporation executed the same.

Tom Grote

Tom Grote
Notary Public
Residing at McCall, Idaho
Commission Expires: 1993

NOTICE OF APPLICATION FOR WATER RIGHT

The following application(s) have been filed to appropriate the public waters of the State of Idaho:

65-12826 4

CHURCH OF JESUS CHRIST LATTER DAY SAINTS
UTAH CORPORATION SOLE, 50 E. NORTH TEMPLE, SALT LAKE CITY, UT 84110

Source: GROUNDWATER

Diversion Pt: LOT 04 (SESWNW) Sec 25 T 14N R 03E

Use: IRRIGATION (0.030 CFS), HEATING, (0.070 CFS), COOLING, (0.070 CFS)

Date Filed: 02/01/1988

In: LOT 04 (SWNW) Sec 25 T 14N R 03E FOR 1 ACRES

The permit(s) will be subject to all prior water rights. Protest must be filed with the Director, Dept. of Water Resources, Western Region, 2735 Airport Way, Boise, Idaho 83705 on or before April 4, 1988.

R. KEITH HIGGINSON, Dir.

21-3-23

RECEIVED

OCT 03 1988

RECEIVED

MAR 28 1988

Department of Water Resources
Western Regional Office

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED
JUN 12 1990

Department of Water Resources
65-12826

A. GENERAL INFORMATION

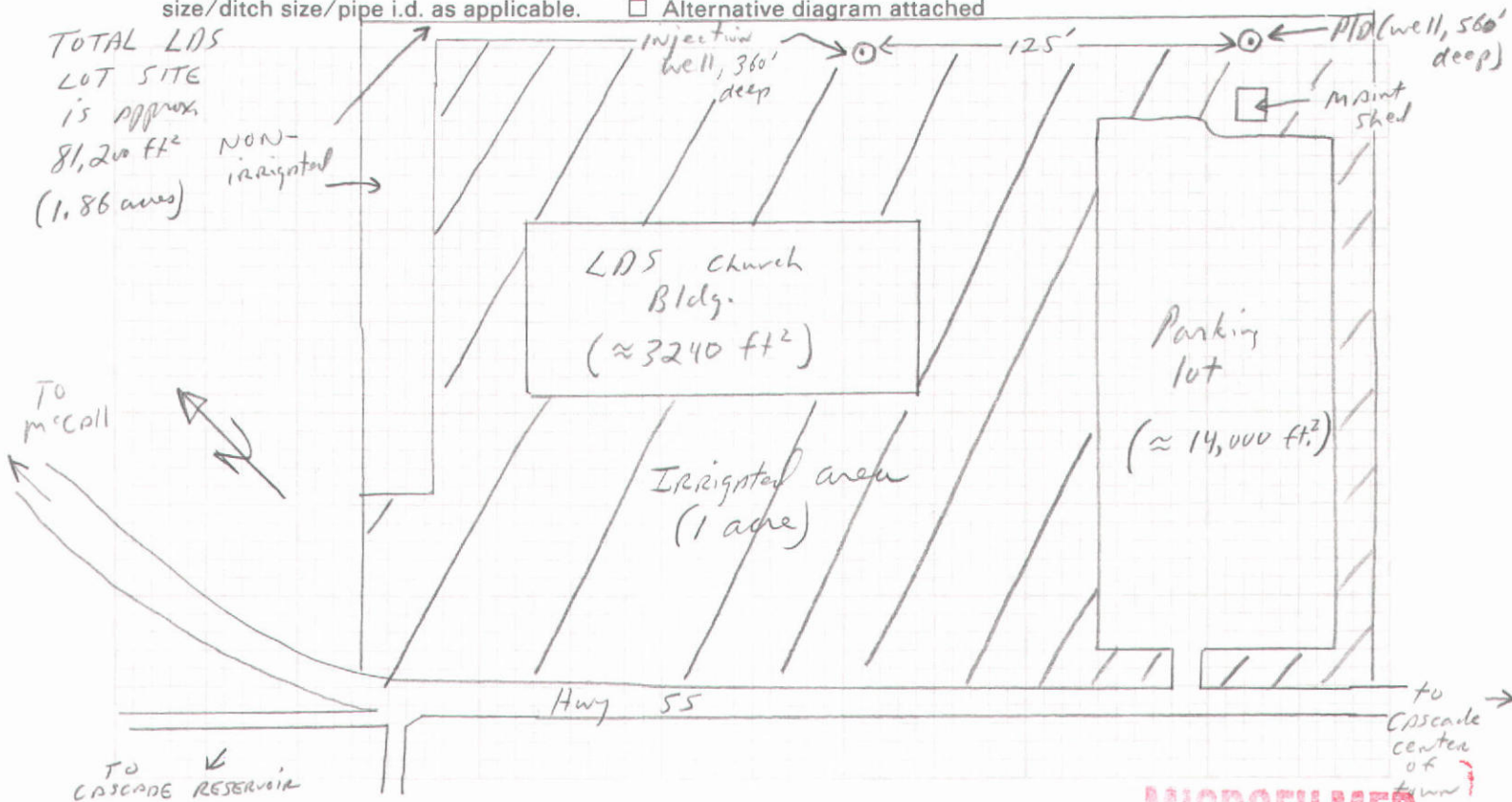
1. Owner: Corp. of the Presiding Bishop of the Church of Jesus Christ of Latter-day Saints Permit No. 65-12826 Phone No. 1-800-240-4656
Current Address: Real Estate Division, 12 Floor East, 50 East North Temple, Salt Lake City UT. 84150
2. Accompanied by: Henry Lee EXAM. DATE: 10/17/89
Address: as above Phone No. as above
Relationship to Permit Holder: Custodian of Cascade LDS Church
3. Source: groundwater tributary to _____

B. OVERLAP REVIEW

1. Other water rights with same place of use: 65-09798 ☐ Copies Attached N/A
2. Other water rights with same point of diversion: NONE ☐ Copies Attached ☐ Copies of Field Exam's Attached

C. SYSTEM DESCRIPTION

1. **Diversion System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable. ☐ Alternative diagram attached



Scale: 1" = NOT TO SCALE

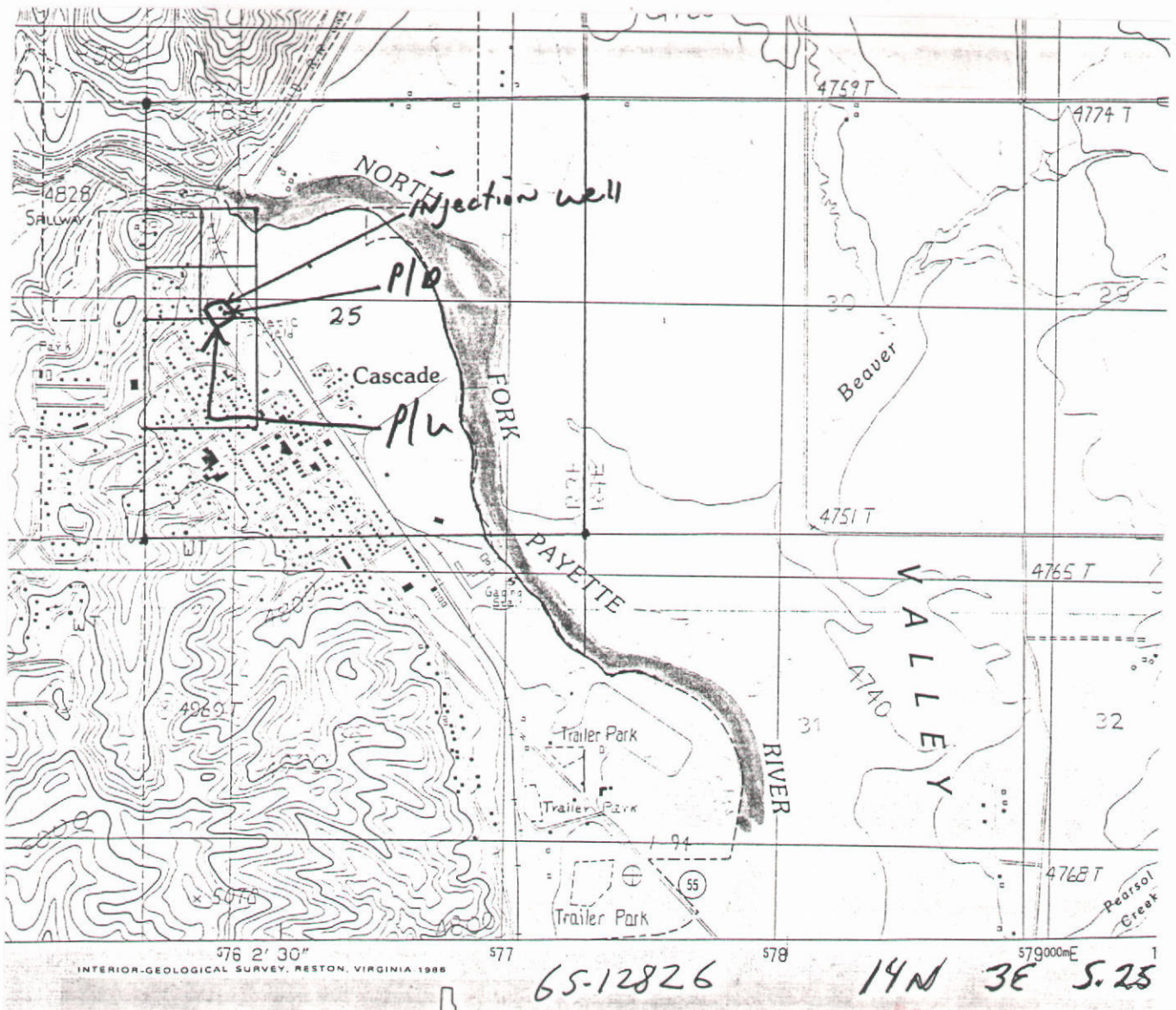
2. ☒ Copy of U.S.G.S. Quadrangle Attached Showing location(s) of point(s) of diversion and place(s) of use (required). ☐ Aerial Photo Attached (required for irrigation of 10 acres or more) N/A
☒ Photo of Diversion and System Attached (required for all but single household domestic groundwater, and stockwater.)

MICROFILMED

JUN 10 1991

SCHEMATIC

Provide a schematic diagram showing the location of the well in the quarter-quarter with respect to houses, roads, other wells or readily identifiable features.



Inspected by

Stan Foster

Date

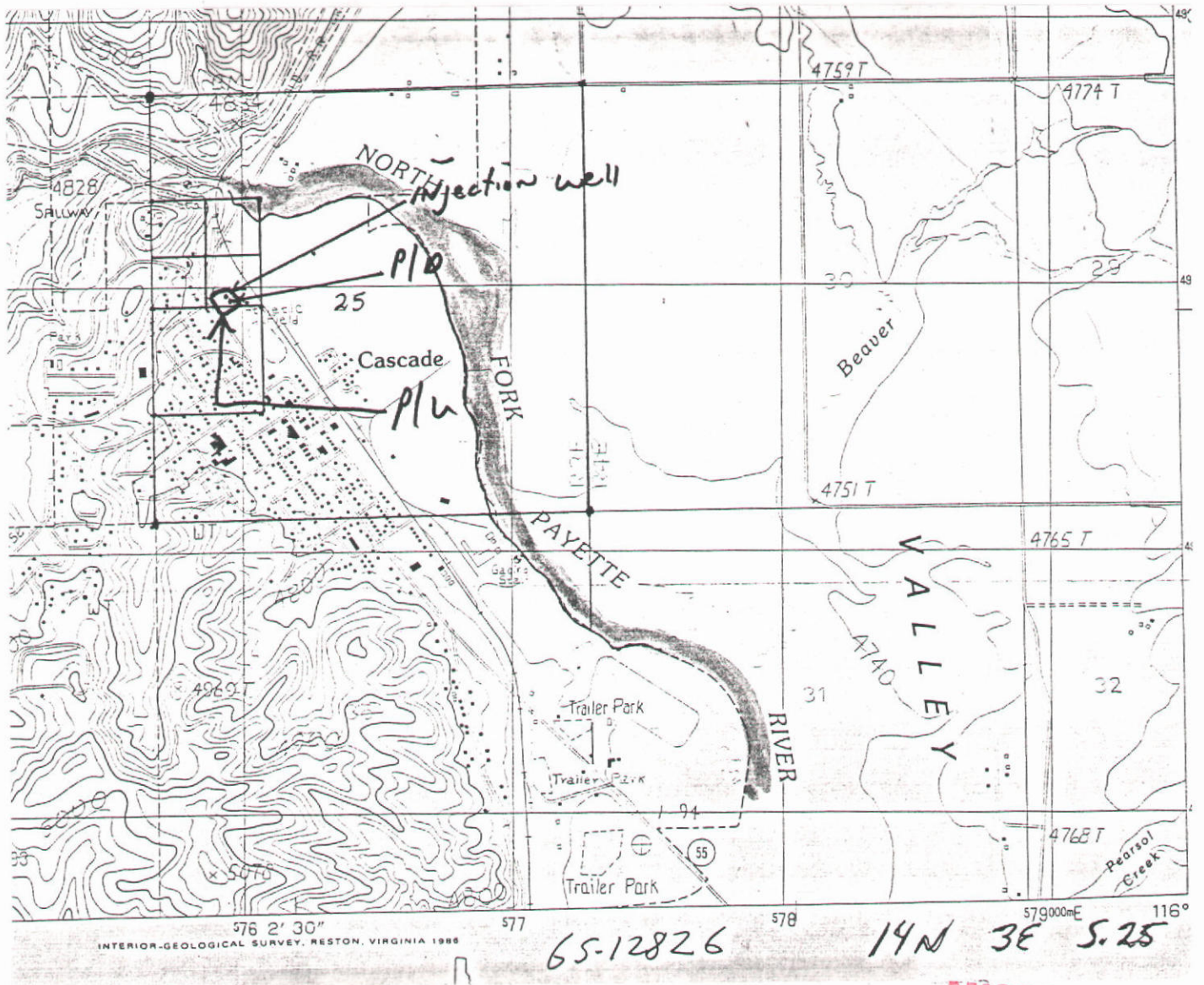
10/19/89

MICROFILMED

JUN 10 1991

SCHEMATIC

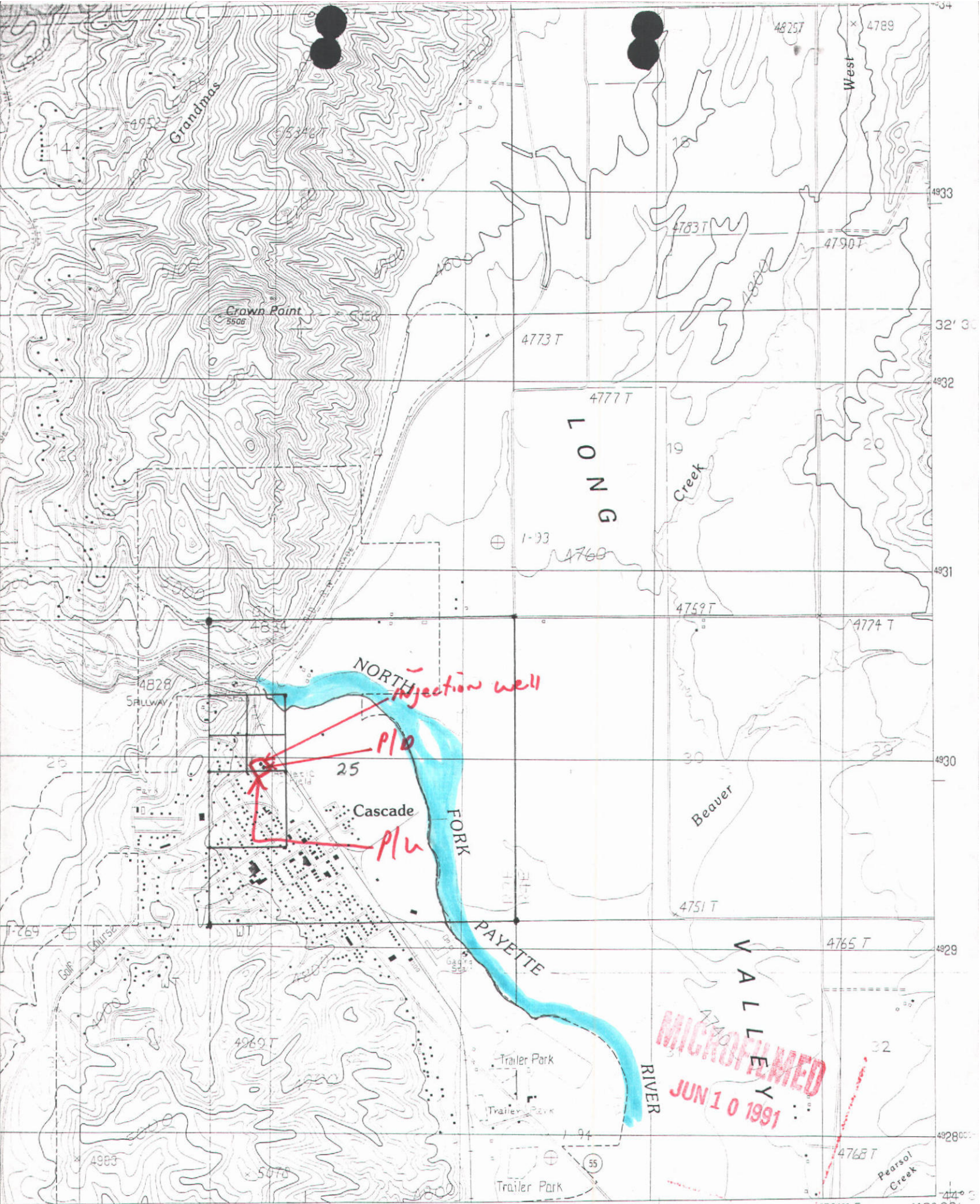
Provide a schematic diagram showing the location of the well in the quarter-quarter with respect to houses, roads, other wells or readily identifiable features.



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JUN 10 1991

Inspected by John Lester Date 10/17/89



24 000

INTERIOR-GEOLOGICAL SURVEY, RESTON, VIRGINIA 1986

65-12826

14N 3E S.25

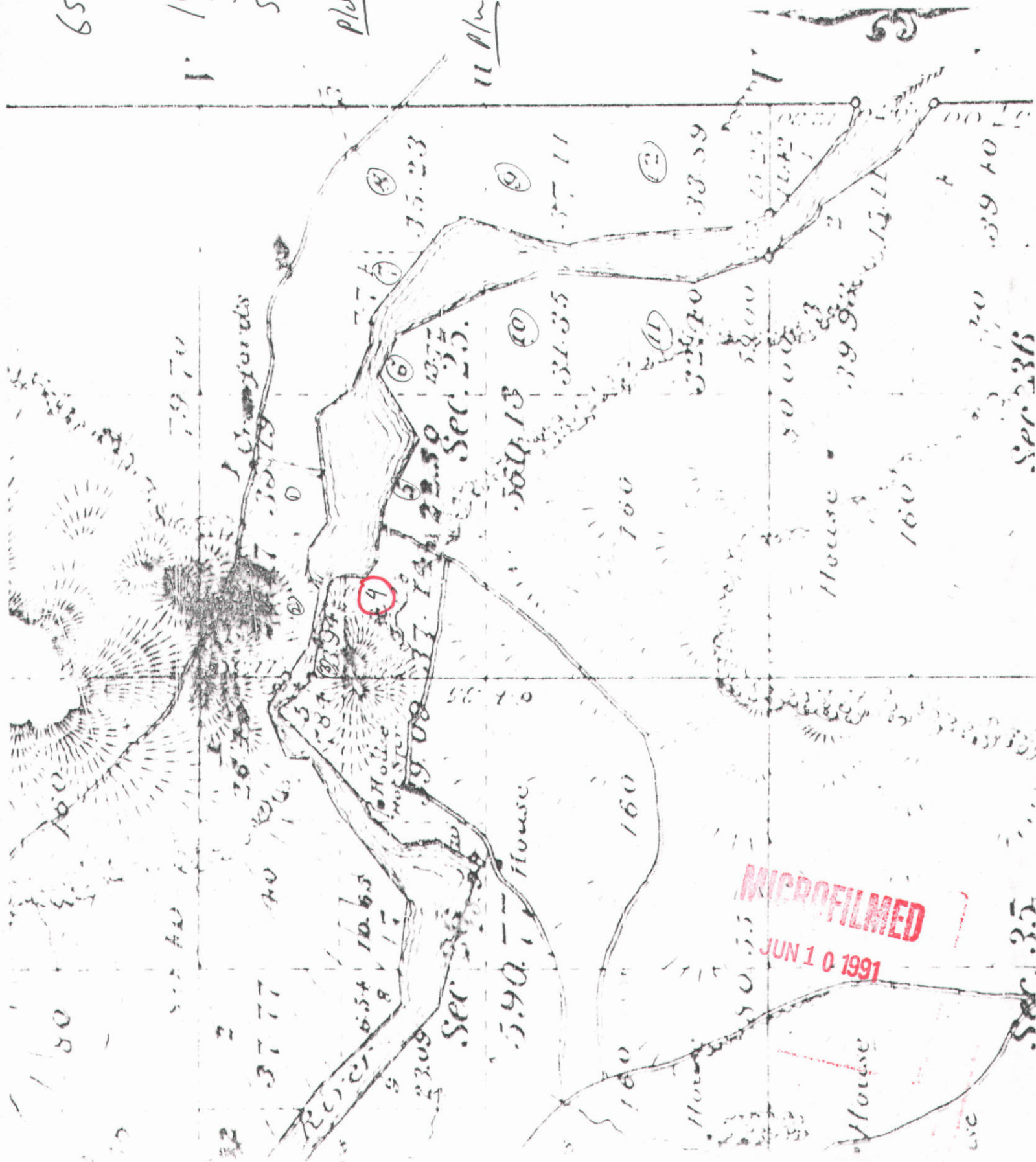
65-12826

14W
3E
5.25

pla Lot 4
SESWW

Lot 4
SWNW
Avg
NWSW

11 p/a



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JUN 10 1991



PHOTO ONE- Point of diversion, well at Cascade LGS site.



PHOTO TWO- Injection well (#65-W-002) approx. 125' NW of pld.

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JUN 10 1991



PHOTO THREE- P/O, looking East from Hwy. 55 at Cascade LDS site. P/O is near maint. bldg. in background, right.

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JUN 10 1991

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.

1. WELL OWNER

Name L.D.S. Church - Emmett STAKE
Address CASCADES, IDAHO
Owner's Permit No. SEE 65-88-2-147

7. WATER LEVEL

Static water level 7 feet below land surface.
Flowing? ☐ Yes ☒ No G.P.M. flow _____
Artesian closed-in pressure _____ p.s.i.
Controlled by: ☐ Valve ☐ Cap ☐ Plug
Temperature 63 °F. Quality good
Describe artesian or temperature zones below.

2. NATURE OF WORK

- See well 65-88-2-06
- ☐ New well ☒ Deepened ☐ Replacement
☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)

8. WELL TEST DATA

☐ Pump ☐ Bailer ☐ Air ☐ Other _____

Discharge G.P.M.	Pumping Level	Hours Pumped
<u>50</u>	<u>1.5</u>	<u>5 min</u>
<u>40</u>	<u>2.5 Pump To</u>	<u>3 min</u>

3. PROPOSED USE

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

4. METHOD DRILLED

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

5. WELL CONSTRUCTION

Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____

Thickness	Diameter	From	To
<u>.250</u> inches	<u>6</u> inches	<u>1</u> feet	<u>409</u> feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet

Was casing drive shoe used? ☒ Yes ☐ NoWas a packer or seal used? ☐ Yes ☒ NoPerforated? ☐ Yes ☒ NoHow perforated? ☐ Factory ☐ Knife ☐ Torch

Size of perforation _____ inches by _____ inches

Number	From	To
_____ perforations	_____ feet	_____ feet
_____ perforations	_____ feet	_____ feet
_____ perforations	_____ feet	_____ feet

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 _____ Material used in seal: ☐ Cement grout☐ Bentonite ☐ Pudding clay ☐ _____Sealing procedure used: ☐ Slurry pit ☐ Temp. surface casing☐ Overbore to seal depthMethod of joining casing: ☐ Threaded ☐ Welded ☐ Solvent☐ Weld☐ Cemented between strataDescribe access port SANITARY WELL SEAL

9. LITHOLOGIC LOG

Bore Diam.	Depth		Material	Water	
	From	To		Yes	No
			<u>Reamed 4" PVC Casing +</u>		
			<u>Replaced with 6" steel</u>		
			<u>Casing to bottom of 8"</u>		
			<u>hole</u>		
<u>406</u>	<u>423</u>		<u>Med. Hard Decomposed Granite</u>	<u>X</u>	
<u>423</u>	<u>423</u>		<u>Broken Decomposed Granite</u>	<u>X</u>	
<u>423</u>	<u>438</u>		<u>Med. Hard Decomposed Granite</u>	<u>X</u>	
<u>438</u>	<u>460</u>		<u>Soft Decomposed Granite</u>	<u>X</u>	
<u>460</u>	<u>560</u>		<u>Med. Hard Decomposed Granite</u>	<u>X</u>	

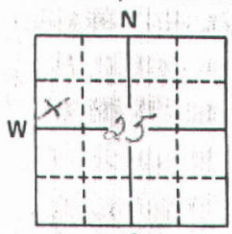
MICROFILMED

MAY 15 1989

10.

Work started 12-1-88 finished 12-20-88

6. LOCATION OF WELL

Sketch map location must agree with written location.

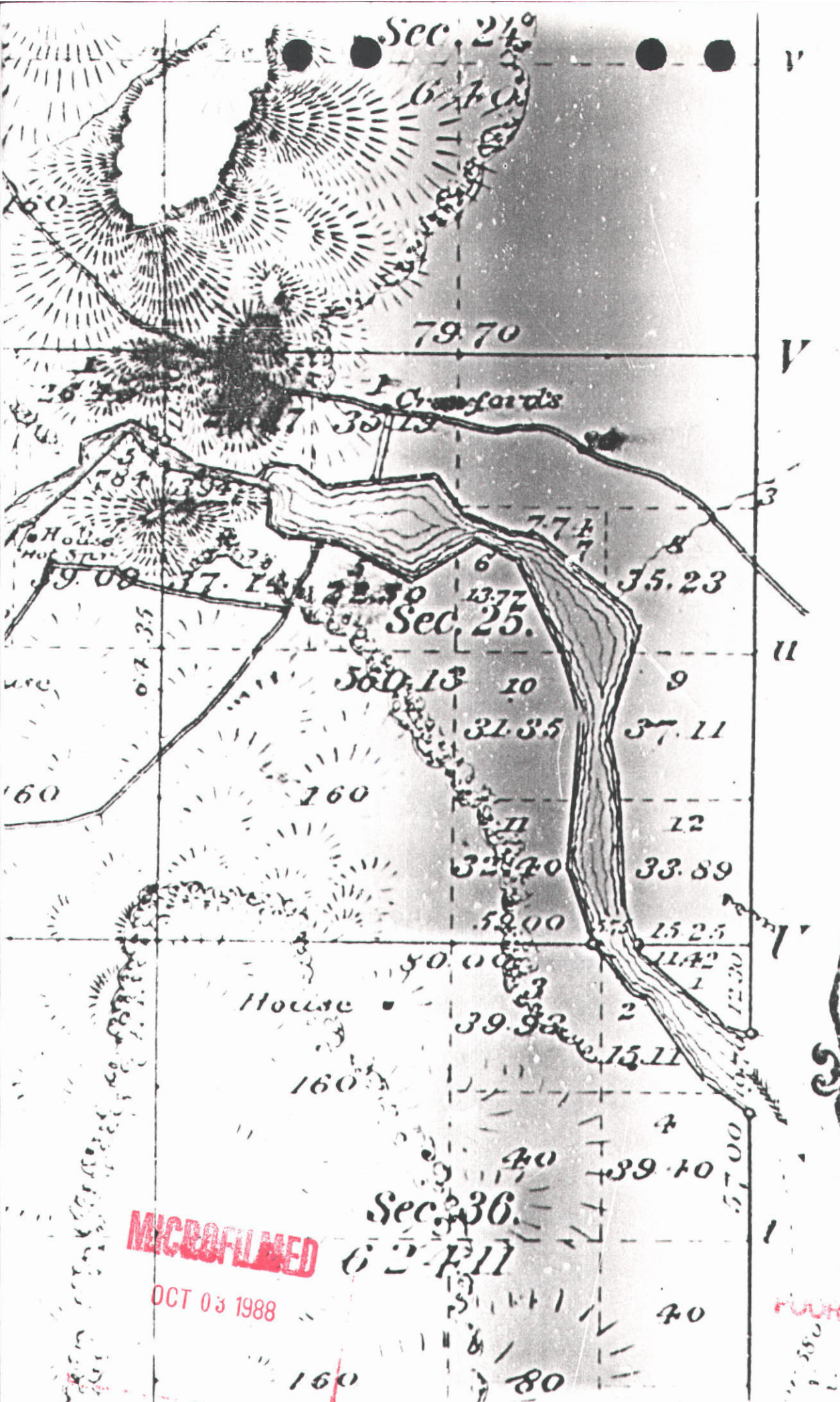
Subdivision Name _____

Lot No. _____ Block No. _____

County VALLEY0 1/4 N1/2 1/4 Sec. 25, T. 14N N/S, R. 3E E/W.

11. DRILLERS CERTIFICATION

I/We certify that all minimum well construction standards were
complied with at the time the rig was removed.Firm Name Costa-Panke Well Firm No. 408Address HC 38 Box 10 Donnelly Date 12-20-88Signed by (Firm Official) Robert W. Stetsonand
(Operator) Robert W. Stetson



MICROFILMED

OCT 03 1988

POOR QUALITY

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 65-12826

Priority: March 1, 1988

Maximum Diversion Rate:

0.10 CFS

Maximum Diversion Volume:¹

9.0 AF

This is to certify, that CHURCH OF JESUS CHRIST LATTER DAY SAINTS

EMMETT STAKE

50 E. N. TEMPLE

SALT LAKE CITY, UT 841100000

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated March 1, 1988; and has submitted Proof of Beneficial Use on March 17, 1989. An examination indicates that the works have a diversion capacity of .270 cfs of water from a GROUNDWATER source, and a water right has been established as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>ANNUAL VOLUME</u>
IRRIGATION	04/15 to 10/15	0.03 CFS	3.0 AF
HEATING	01/01 to 12/31	0.07 CFS	6.0 AF
COOLING	01/01 to 12/31	0.07 CFS	6.0 AF
Totals		0.10 CFS	9.0 AF

LOCATION OF POINT(S) OF DIVERSION: LOT 4(SWNW), Sec. 25, Township 14N, Range 03E
VALLEY County

PLACE OF USE: IRRIGATION

<u>TWN</u>	<u>RGE</u>	<u>SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
14N	03E	25	LOT 4(SWNW) 0.8	NWSW 0.2		1

Total number of acres irrigated: 1

PLACE OF USE: HEATING, same as IRRIGATION use

PLACE OF USE: COOLING, same as IRRIGATION use

CONDITIONS/REMARKS:

1. The maximum diversion volume is defined as the maximum allowable volume of water that may be diverted annually from the source under this right. The use of water confirmed by this right is limited to the amount which can actually be beneficially used. The maximum diversion volume may be adjusted to more accurately describe the beneficial use or to implement accepted standards of diversion and use efficiency.
2. This water right is appurtenant to the described place of use.
3. This right is subject to all prior water rights and may be forfeited by five years of non-use.
4. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.

JUN 10 1991

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

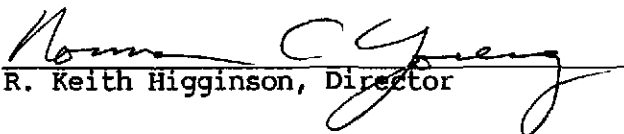
WATER RIGHT NO. 65-12826

CONDITIONS/REMARKS:

5. Return flow if discharged to a surface water system shall meet Idaho Water Quality Standards.
6. This right when combined with all other rights shall provide no more than .02 cfs per acre nor more than 3.0 afa per acre for the lands above.
7. Return flows from the heating and cooling uses are injected into a second well also located within the SWNW, S25, T14N, R3E.

This license is issued pursuant to the provisions of Section 42-219, Idaho Code. Witness the seal and signature of the Director, affixed at Boise, this 20th day of MAY, 1991.

Acting for


R. Keith Higginson, Director

JUN 11 1991

RECEIVED

APR 25 1991

APPROVED

State of Idaho
Department of Water Resources

CASCADE

RECEIVED

APR 3 1991

North America NW.

Department of Water Resources

APPLICATION FOR AMENDMENT
(For Licensing Purposes)
WATER RIGHT NO. 65-12826

Date of Priority: March 1, 1988

Maximum Diversion Rate:
Maximum Diversion Volume:¹

0.10 CFS
9.0 AF

Comes now

CHURCH OF JESUS CHRIST LATTER DAY SAINTS

EMMETT STAKE

50 E. N. TEMPLE

SALT LAKE CITY, UT 841100000

and represents to the Director of the

Idaho Department of Water Resources:

That he is the owner and holder of Permit to appropriate the Public Waters of the State of Idaho No. 65-12826, and requests that the permit be changed as follows:

Source: GROUNDWATER

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>ANNUAL VOLUME</u>
IRRIGATION	04/15 to 10/15	0.03 CFS	3.0 AF
HEATING	01/01 to 12/31	0.07 CFS	6.0 AF
COOLING	01/01 to 12/31	0.07 CFS	6.0 AF
	Totals	0.10 CFS	9.0 AF

LOCATION OF POINT(S) OF DIVERSION: LOT 4(SWNW), Sec. 25, Township 14N, Range 03E
VALLEY County

PLACE OF USE: IRRIGATION

<u>TWN</u>	<u>RGE</u>	<u>SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
14N	03E	25	LOT 4(SWNW) 0.8	NWSW 0.2		1

Total number of acres irrigated: 1

PLACE OF USE: HEATING, same as IRRIGATION use

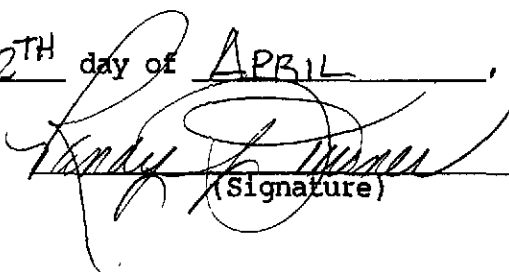
PLACE OF USE: COOLING, same as IRRIGATION use

Permit holder asserts that no one will be injured by such change and that such change will be made at permit holder's own risk.

Signed at Boise, Idaho, this 12TH day of APRIL, 1991.

APPROVED

JUN 10 1991


(Signature)

State of Idaho
Department of Water Resources

APPLICATION FOR AMENDMENT
(For Licensing Purposes)
WATER RIGHT NO. 65-12826

FOR DEPARTMENT USE ONLY

Preliminary check by SC Fee = \$20.00 Received by 12 Date 9/24/91 #C020303

ACTION OF THE DEPARTMENT OF WATER RESOURCES

I, R. Keith Higginson, of the Department of Water Resources hereby approve the above Application for Amendment for Permit No. 65-12826 with the following;

CONDITIONS/REMARKS:

1. The maximum diversion volume is defined as the maximum allowable volume of water that may be diverted annually from the source under this right. The use of water confirmed by this right is limited to the amount which can actually be beneficially used. The maximum diversion volume may be adjusted to more accurately describe the beneficial use or to implement accepted standards of diversion and use efficiency.
2. This water right is appurtenant to the described place of use.
3. This right is subject to all prior water rights and may be forfeited by five years of non-use.
4. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
5. Return flow if discharged to a surface water system shall meet Idaho Water Quality Standards.
6. This right when combined with all other rights shall provide no more than .02 cfs per acre nor more than 3.0 afa per acre for the lands above.
7. Return flows from the heating and cooling uses are injected into a second well also located within the SWNW, S25, T14N, R3E.

Witness my hand this 20TH day of MAY, 1991.

Acting for

R. Keith Higginson
R. Keith Higginson, Direct

JUN 10 1991

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FFB - 1 1988

Form 202
6/85

Ident No. 65-12826

LOCAL REPRESENTATIVE:
LDS Physical Facilities
3295 Elder Street
Boise, Idaho 83705

Department of Water Resources

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

APPROVED

To appropriate the public waters of the State of Idaho

Corporation of The Presiding Bishop of
The Church Of Jesus Christ Of Latter-Day Saints,
A Utah Corporation Sole

1. Name of applicant _____ Phone 1-800-453-3860

Post office address 50 East North Temple, Salt Lake City, Utah 84110

2. Source of water supply Ground Water which is a tributary of N/A

3. Location of point of diversion is SE $\frac{1}{4}$ of SW $\frac{1}{4}$ of N.W $\frac{1}{4}$, Govt. Lot 4

Sec. 25 Township 14N Range 3E B M. Valley County, additional
points of diversion if any: _____

4. Water will be used for the following purposes

Amount .03cfs for irrigation purposes from May 15 to Oct. 15 (both dates inclusive)
(cfs or acre-feet per annum)

Amount .07 for heating & cooling purposes from JAN 1 to DEC 31 (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 is (a) .1 cfs and/or (b) _____
cubic feet per second acre feet per annum

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc pump - 5 H.P./30 gal/min.

b. Height of storage dam N/A feet, active reservoir capacity _____ acre-feet, total
reservoir capacity _____ acre-feet, period of year when water will be diverted to storage:
_____ to _____ inclusive.

c. Proposed well diameter is 8" inches; proposed depth of well is 360 feet.

d. Is ground water with a temperature of greater than 90°F being sought? no

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

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OCT 03 1988

8 Description of proposed uses (if irrigation only, go to item 9).

- a. Hydropower; show total feet of head and proposed capacity in KW _____
- b. Stockwatering, list number and kind of livestock. _____
- c. Municipal; show name of municipality. _____
- d. Domestic, show number of households _____
- e. Other, describe fully Heat Pump for Church Building, Landscape irrigation

9. Description of place of use See Attached

- a. If water is for irrigation, indicate acreage in each subdivision in the tabulation below
- b. If water is used for other purposes, place a symbol of the use (example *D* for Domestic) in the corresponding place of use below. See instructions for standard symbols

TWP	RANGE	SEC	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
14N	3E	25							1 (2.4)										1

Total number of acres to be irrigated 1

10 Describe any other water rights used for the same purposes as described above N/A

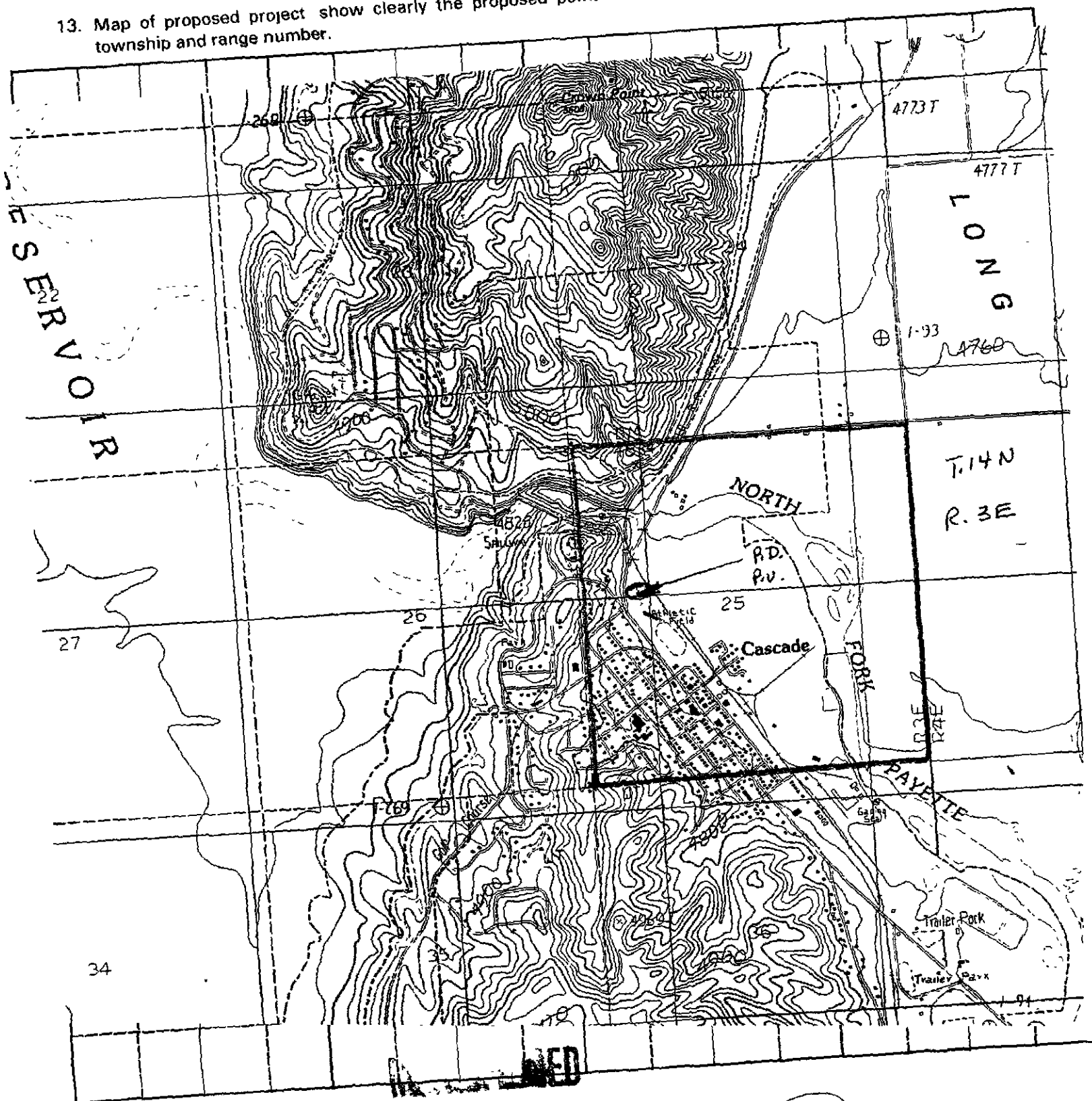
11. a. Who owns the property at the point of diversion? L.D.S. Church
- b. Who owns the land to be irrigated or place of use? L.D.S. Church
- c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing _____

12. Remarks _____

RECEIVED

OCT 05 1988

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



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.

OCT 03 1988

(Applicant)

L.D.S. CHURCH PHYSICAL FACILITIES
REGIONAL MANAGER

Note: App appears to have been hand delivered to State Office on 3/1/88 with check.

Received by nl GG Date 3-4-88 Time 11:00am Proposed Priority, 3/1/88
Date 2-1-88 Time 2:40 Preliminary check by kw
Fee \$ 30.00 Receipted by lg # 48492 Date 3-1-88
Publication prepared by GG Date 3-9-88 Published in The Advocate
Publication approved ls Date 3/29/88
3/16 & 3/23/88

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. 65-12826, 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
May 1, 19 89

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. The water right acquired under this permit if 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 permit 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 permit.

e. Other:

Permit holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code.

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 25th day of April, 1988.

[Signature]
Director

RECEIVED

OCT 03 1988

PUBLISHER'S AFFIDAVIT OF PUBLICATION

STATE OF IDAHO

SS.

County of Valley

I, Lorrice Platt, being duly sworn deposes and says, I am the receptionist of The Central Idaho Star-News, a weekly newspaper published at McCall, in the County of Valley, State of Idaho; that said newspaper is in general circulation in the county of aforesaid and is a legal newspaper; NOTICE OF APPLICATION FOR

that the WATER RIGHT

a copy of which is attached hereto and made a part hereof, was published in said newspaper once a week for TWO consecutive weeks in the regular and entire issue of every number thereof during the period and time of publication, and was published in the newspaper proper and not in a supplement; and that publication of such notice began,

March 16, 19 88

and ended, March 23, 19 88

Lorrice Platt

Subscribed and sworn before me, this the

24th day of March, 19 88

STATE OF IDAHO, COUNTY OF VALLEY, ss

On this 24th day of March, 19 88

before me, a Notary Public in and for said State, personally appeared Lorrice Platt known to me or identified to me to be the receptionist of the corporation that executed the instrument or the person(s) who executed the instrument on behalf of said corporation, and acknowledged to me that such corporation executed the same

Tom Grote

Tom Grote
Notary Public
Residing at McCall, Idaho
Commission Expires: 1993

NOTARY PUBLIC
STATE OF IDAHO
My Comm. Expires 12/31/93
I, Tom Grote, Notary Public for the State of Idaho, do hereby certify that the foregoing is a true and correct copy of the original as the same was presented to me for recording.
Given under my hand and the seal of my office this 24th day of March, 1988.
R. Keith Harrington, Dir.
2-3-24

RECEIVED

OCT 03 1988

RECEIVED

MAR 31 88

Department of Water Resources
Western Regional Office

May 20, 1991

CHURCH OF JESUS CHRIST LATTER DAY SAINTS
EMMETT STAKE
50 E. N. TEMPLE
SALT LAKE CITY, UT 841100000

RE: WATER RIGHT NO. 65-12826

Dear Water Right Holder(s):

Enclosed herewith is a copy of the Water Right License issued on the above referenced permit along with a copy of your approved application for amendment.

Should you have any questions regarding these documents, please feel free to contact our office.

Sincerely,

JIM JOHNSON
Water Rights Supervisor

JJ:blm

Enclosure

10 1991

March 28, 1991

CHURCH OF JESUS CHRIST LATTER DAY SAINTS
EMMETT STAKE
50 E. N. TEMPLE
SALT LAKE CITY, UT 841100000

RE: WATER RIGHT NO. 65-12826

Dear Water Right Holder(s):

The above referenced water right is in the process of being licensed. However, before a license can be issued, your permit must be amended to correspond with the findings of the Department's field examiner.

The enclosed application for amendment contains information that will be included on the license when it is issued. Please review carefully and if you concur, sign the amendment and return with the \$20.00 filing fee within 15 days.

If you do not concur with these findings or if you have any questions, please contact us within the 15-day period.

Sincerely,

SHARLA CURTIS
Technical Records Specialist

SC:blm

Enclosure

JUN 10 1991

LICENSE REVIEW CHECKLIST

Permit No. 65-12826

Name/Address change? ok ☒

Priority date Advance? yes no ☒

Memo to advance
Order to reinstate needed? yes no ☒

Total cfs Limited by fee ok

Limited by capacity

Total volume Limited by flow

Chart checked for AF rate/ac ☒ 3.0

Capacity Actual measurement checked

Theoretical checked

If greater than permit, check for other rts

Source Changed? yes no ☒

If so, is memo needed to clarify?

P/D Verify with map ☒ permit ☒

More than one per 1/4? Remember remark

Check p/d overlap N/A

Uses Check irrigation period of use w/ chart ☒ 4/15-10/15

P/U Verify with map ☒ permit ☒ amendment needed
> 5 acres irrigated, run overlap N/A

Remarks More than one p/d in 1/4
Description of non-irrig uses
Special overlap condition

Conditions -

Measuring device
W.Master control
Overlap
Water quality
Other

Dates/Misc. -

Water Dist
App Rec'd
Proof Rec'd

CHECK FOR ADJ. CLAIM

Needed according to proof filed

Filed - needs amended

Add'l fee required

Not filed

Not needed ☒ proof made 1989

Comments/Changes to Examiner's Recommendations:

License 10-day 30-day

Back of field report signed? ☒
Reviewer S. Curtis Date 1/22/91 Review time 10 min.

FILED

JUN 7 0 1991

5-17-91

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

Staff Analysis Sheet
for
Beneficial Use Field Report

65-12826
Permit No.

A. Prior to Conducting the Exam, the File Contains:

- ☒ Blank Field Report Form
- ☒ Copy of Permit
- ☒ Copies of any Amendments/Orders with conditions of approval *Return flow? injection well (65-W.002)*
- ☒ Computer Data Proof Report
- ☒ Copy of U.S.G.S. Quad *LOT 4*
- ☒ Check for Government Lots. If so, make a copy of Government Plat
- Check of P/D index *PL 10/16/89* (Initial and date)
 - Overlap? ☐ yes ☒ no If yes: ☐ copy of exam(s) attached?
 - Type of Overlap? ☐ Add acres or uses to existing system
 - ☐ Increase rate of flow or volume
 - ☒ Other: *injection well at same site*
- Check of P/U index *PL 10/16/89* (Initial and date)
 - Overlap? ☒ yes ☐ no If yes: ☐ copy of water right(s) attached? *N/A*
 - Type of Overlap? *PL 5/15/90* ☐ Increase rate of flow or volume
 - ☐ Add P/D's
 - ☐ Increase number of acres within tracts
 - ☒ Other: *different well to different land*
- Aerial Photo
 - Required? ☐ yes ☒ no If yes: ☐ copy attached?
- Scheduling Letter sent? *N/A* (Initial and date)
- ☒ Appointment made and telephone conversation memo attached

B. After Conducting the Exam, the File Contains:

- ☒ Fully completed and signed Field Report Form
- ☒ Photographs of Point of Diversion and Place of Use
- ☒ Corrected Computer Data Proof Report with recommended license information, and date and signature of examiner.

C. Review and Processing:

- Exam Completed *Stan Lister 10/17/89* (Signature of examiner and date)
- Exam Reviewed by Senior Water Resource Agent *PL 64-90* (Initial and date)
- Exam Reviewed by Manager of Regional Office *PL 6/7/90* (Initial and date)
- Exam Date Entered in Computer *✓* (Initial and date)
- Exam sent to State Office *6-12-90* (Initial and date)
- Copy of Staff Analysis Sheet sent to Manager of Regional Office and Original
- Refiled in White File *_____* (Initial and date)

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED
JUN 12 1990

Department of Water Resources
65-12826

A. GENERAL INFORMATION

1. Owner Corp. of the Presiding Bishop of the Church of Jesus Christ of Latter-day Saints Permit No. 65-12826 Phone No. 1-800-240-4656
Current Address: Real Estate Division, 12 Floor East, 50 East North Temple, Salt Lake City UT. 84150
2. Accompanied by Henry Lee EXAM. DATE: 10/17/89
Address: as above Phone No. as above
Relationship to Permit Holder. Custodian of Cascade LDS Church
3. Source groundwater tributary to _____

B. OVERLAP REVIEW

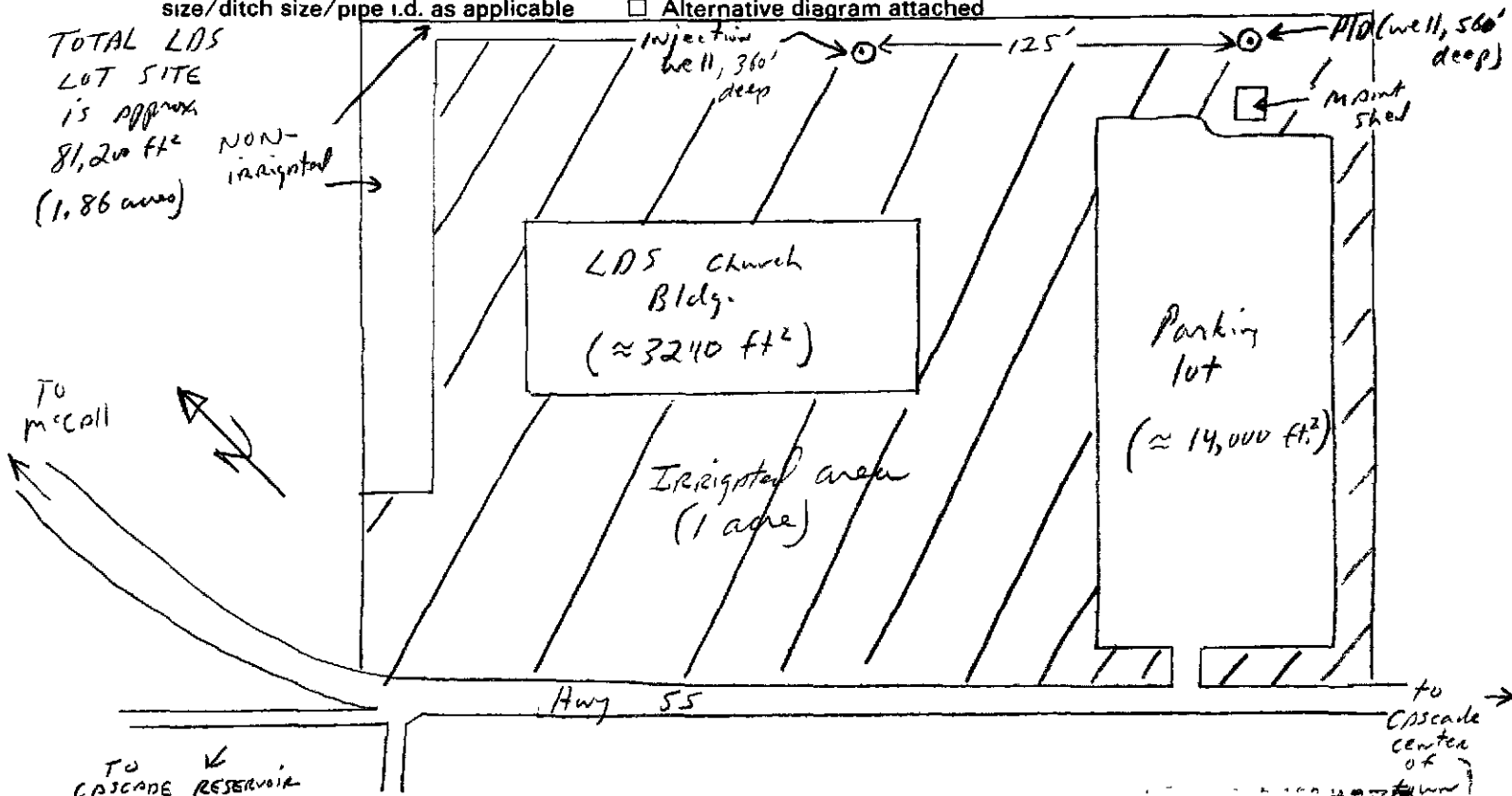
1. Other water rights with same place of use: 65-09798

☐ Copies Attached N/A
2. Other water rights with same point of diversion: NONE

☐ Copies Attached ☐ Copies of Field Exam's Attached

C. SYSTEM DESCRIPTION

1. Diversion System Diagram: Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable ☐ Alternative diagram attached



Scale: 1" = NOT TO SCALE

2. ☒ Copy of U.S.G.S. Quadrangle Attached Showing location(s) of point(s) of diversion and place(s) of use (required). ☐ Aerial Photo Attached (required for irrigation of 10 acres or more) N/A
☒ Photo of Diversion and System Attached (required for all but single household domestic groundwater, and stockwater)

JUN 10 1991

System Description (continued)

3. Narrative: Description (As operating at time of measurement. Indicate pressure, number of sprinklers, etc)

A 6", 560' well (drilling permits 65-87-2-006 & 65-88-2-197) with a 7 1/2 hp. subm pump irrigates 1.0 acre around the Cascade LOS site and provides water used in a heating/cooling unit for the church. (Domestic use in the church is provided by city water). The well water temperature is approx. 65°F (well logs) and return flows from heating/cooling are injected into a 360' well found 125' NW of source well. Based on monitoring equipment in the church, return flows are about 58°F. For irrigation, a mixture of rainbird sprinklers (typical lawn type) and pop-up heads are used. It's estimated that the church is used about 20 hrs/wk, 52/wks. per year.

☐ See Remarks on page 4 for continuation

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
	unknown	7 1/2 *	NO TAG	unknown	NO TAG

*Code to correspond with No. on map and aerial photo

5. Point(s) of Diversion:

Ident. No.	Gov't. Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
~~1~~	04	SE	SW	NW	25	14N	3E	Valley	USGS 7 1/2' quad (1 pld & 1 irrigation well are found - total of 2 wells - in same 10 acre tract.)

6. Place(s) of Use:

Indicate Method of Determination

USGS 7 1/2' quad + pacing

Twp.	Rge.	Sec.	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Totals
			NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	
14N	3E	25							.8			.2							1.0
									Lot 4										
									H/C			H/C							

* see attachment A

JUN 10 1991

Do not use this space

Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
NONE						

2. Measurements:

NO flow measurements possible, no sprinkler measurement possible since system was just winterized. However, mixture of Rainbird (measurable) & pop-up sprinklers (unmeasurable) makes any measurement difficult if not impossible.

E. FLOW CALCULATIONS

☒ Additional Computation Sheets Attached

1. Measured Method NONE possible

2. Alternate Method for Checking Purposes HP equation used, see attachment A

F. PUMP EFFICIENCY DATA (Optional) N/A

Discharge Pressure _____ psi x 2.31 = _____ ft (1); Dynamic pumping level _____ ft (2)

Total Head (1) + (2) = _____ (3); Flow rate: _____ cfs (4)

Water HP (3) x (4) ÷ 8.8 = _____ (5)

Meter Input KW: 3.6 x _____ KH x _____ CTR or _____ MULT x _____ PTR x _____ N/ _____ T = _____ (6)

Meter Input HP: (6) x 1.34 = _____ (7)

Panel Input KW _____ Ave PF x _____ Ave Volts x _____ Ave Amps x .001732 = _____ (6)

Panel Input HP: (6) x 1.34 = _____ (7) Efficiency (5)/(7) x 100 = _____ %

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation

$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = (1)(3) = 3.0$

$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = (.03)(153)(1.9835) = 9.1$

$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} = 3.0$

2. Volume Calculations for Other Uses

Heating/cooling essentially non-irrigating out; needs approx 20 hrs/week, 52 wks/yr.

.07 cfs = 31.4 gpm

~~(.07)(365)~~ 31.4 gpm x 60 min x 20 hrs/week x 52 wks/yr = 1959360 g/yr = 6.0 AFA

versus (.07)(365)(1.9835) = 50.7

allow 6.0 AFA for heating/cooling use

H. REMARKS AND OVERLAP REVIEW ANALYSIS

See well injection permit 65-W-002 and my memo of 5/3/90 (Attachment A) for discussion of possible problems with conditions of approval in 65-W-002 & 65-12826. Possibly, this matter needs to be resolved prior to licensing. *

Overlap:

Plu 65-09798 different well for domestic use on different property.

* UPDATE 5/29/90: NO VIOLATION OF 65-W-002 PER 5/24/90 MEMO FROM JOHN MCKEOD (ATTACHMENT B). DRILLING & INJECTION WELL PERMIT CONDITIONS OF WATER RIGHT PERMIT ARE MET.

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Irrigation	5/15	10/15	.63	3.0
Heating & Cooling	1/1	12/31	.67	6.0
↑ SHOWN AS ONE ITEM IN PERMIT SO SHOWN AS ONE ITEM HERE				
Totals:			.10	9.0

2. Recommended Amendments

- ☐ Change P.D. as reflected above
☐ Change P.U. as reflected above

- ☐ Add P.D. as reflected above
☒ Add P.U. as reflected above

- ☐ None
☐ Other

J. AUTHENTICATION

Field Examiner's Name

Signature

Certification Date

Field Report Preparation Date

Steven M. Lester
[Signature]

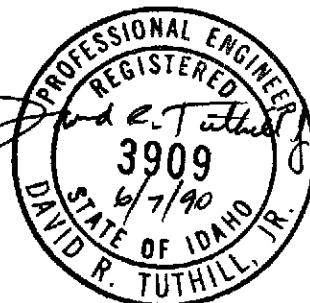
10/17/89

CONSULTANT SEAL

K. Licensing recommendation shall be prepared by an Idaho Department of Water Resources employee on a computer printout attached hereto.

NO. 1000

JUN 10 1991



State of Idaho
Department of Water Resources
WELL INSTRUCTION FORM

This form should be completed by the examiner when conducting a field examination to determine the extent of beneficial use of water from a well or whenever a well is inspected for other reasons. The form should be attached to the beneficial use field report. If well construction standards do not appear to be met, a copy of this form should be forwarded to Groundwater Protection Section.

Water Right Permit No. 65-12826 (also see 65-W-002)

1. Legal Description of Well Location: Twp. 14N, Rge. 3E
Sec. 25, Qtr./Qtr. SESWNW or Lot 04

2. Owner LDS Church
Address 50 East North Temple, City Salt Lake City, State Ut. 84110

3. Approx. date of well construction JAN-Feb. 1987
Well driller Burns

4. Casing: Diameter 6" Condition good

5. Casing length above land surface 26'

6. Well depth (ft) 360' Flowing N/A Temp. Returned water (injected)
is $\approx 58^{\circ}\text{F}$
Access port plastic plug in sanitary seal

7. Condition of piping and valving good

8. Evidence of well seal plate can be removed but is sealed

9. Shut in pressure or static water level 7' from well log

10. Evidence of leakage around the casing None

11. Does well need repair No

12. Comments Water from source well ($\approx 65^{\circ}\text{F}$) is used in heating/cooling LDS
Church facility & injected into this well. Apparent temp. of injected H₂O
is 58°F (gauge in building at heat exchange unit monitors return flow temp).
Originally, this well was intended as withdrawal well but actual
use became injection well.

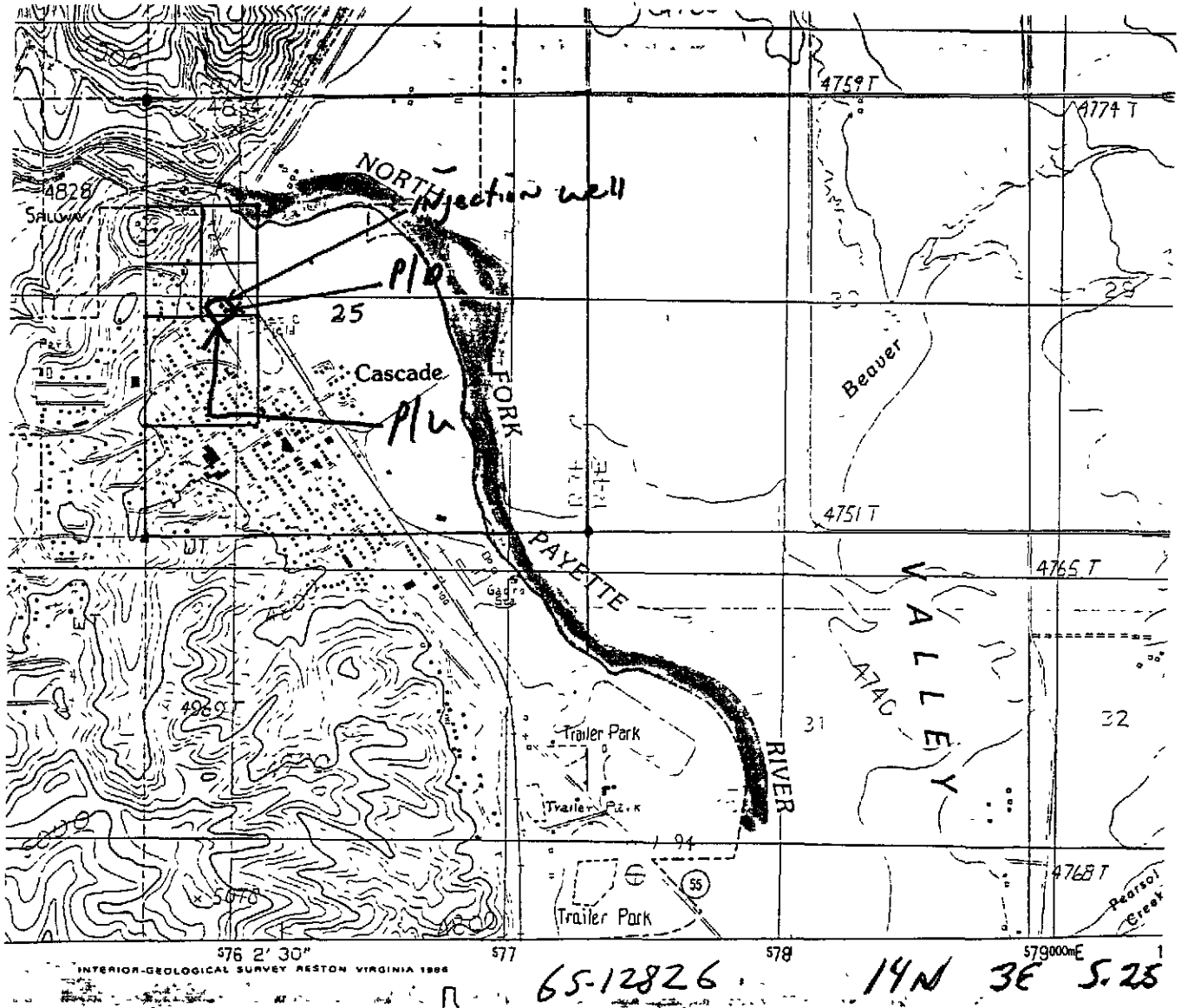
OVER

JUN 10 1991

injection well

SCHEMATIC

Provide a schematic diagram showing the location of the well in the quarter-quarter with respect to houses, roads, other wells or readily identifiable features.



Inspected by

Stan Foster

Date

JUN 10 1991
10/19/89

State of Idaho

Department of Water Resources

WELL INSTRUCTION FORM

This form should be completed by the examiner when conducting a field examination to determine the extent of beneficial use of water from a well or whenever a well is inspected for other reasons. The form should be attached to the beneficial use field report. If well contribution standards do not appear to be met, a copy of this form should be forwarded to Groundwater Protection Section.

Water Right Permit No. 65-12826 (also see 65-W-002)

1. Legal Description of Well Location: Twp. 14N, Rge. 3E
Sec. 25, Qtr./Qtr. SE5W NW or Lot 04

2. Owner LOS Church

Address 50 East North Temple, City Salt Lake City State UT 84110

3. Approx. date of well construction 2/20/87 (deepened 12/88)

Well driller Burns Well Drilling (" by Gestair/Quanta)

4. Casing: Diameter 6 Condition good

5. Casing length above land surface 22"

6. Well depth (ft) ^{original 405'} deepened 560' Flowing no Temp. 63-65°F

Access port removable cap

7. Condition of piping and valving N/A buried lines

8. Evidence of well seal removable cap

9. Shut in pressure or static water level well logs: 10' then 7'

10. Evidence of leakage around the casing none

11. Does well need repair no

12. Comments well allegedly used for irrigation & heating/cooling
of LOS (Cascadia) Church.

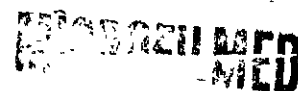
Orig. Drilling Permit 65-87-2-006

Deepened " 65-88-2-147

Originally, this well was intended as injection
well but became the withdrawal well.

FILED
JUN 10 1991
P/D well

Provide a schematic diagram showing the location of the well in the quarter-quarter with respect to houses, roads, other wells or readily identifiable features.



JUN 10 1991

Inspected by

Date

10/17/89

MEMORANDUM

TO: FILE 65-12826
FROM: STEVE LESTER
DATE: MAY 3, 1990
SUBJECT: LICENSING

During the exam, Mr. Lee recommended that Ben Wellington of Cascade Plumbing be contacted for information about the pump. I called him today at 382-4871. He told me that a 7.5 hp. pump was installed on 12/19/88 and was tested at 48 gpm (0.11 cfs). The pump bowls were set at 336'.

Flow Rate- A flow measurement was not possible during the exam. Well probes were not available to measure static water levels. The following theoretical value results from the HP equation.

HP equation where: hp = 7.5 per telecon as mentioned above
eff. = 0.8 assumed
psi = 40 assumed as mean between standard irrigation (60)
and standard domestic (20) as in examiner handbook
z = 100 assumed; probably much less based on static levels
from well logs

$$Q = (8.8 \times .8 \times 7.5) / [(2.31 \times 40) + 100] = 0.27 \text{ cfs}$$

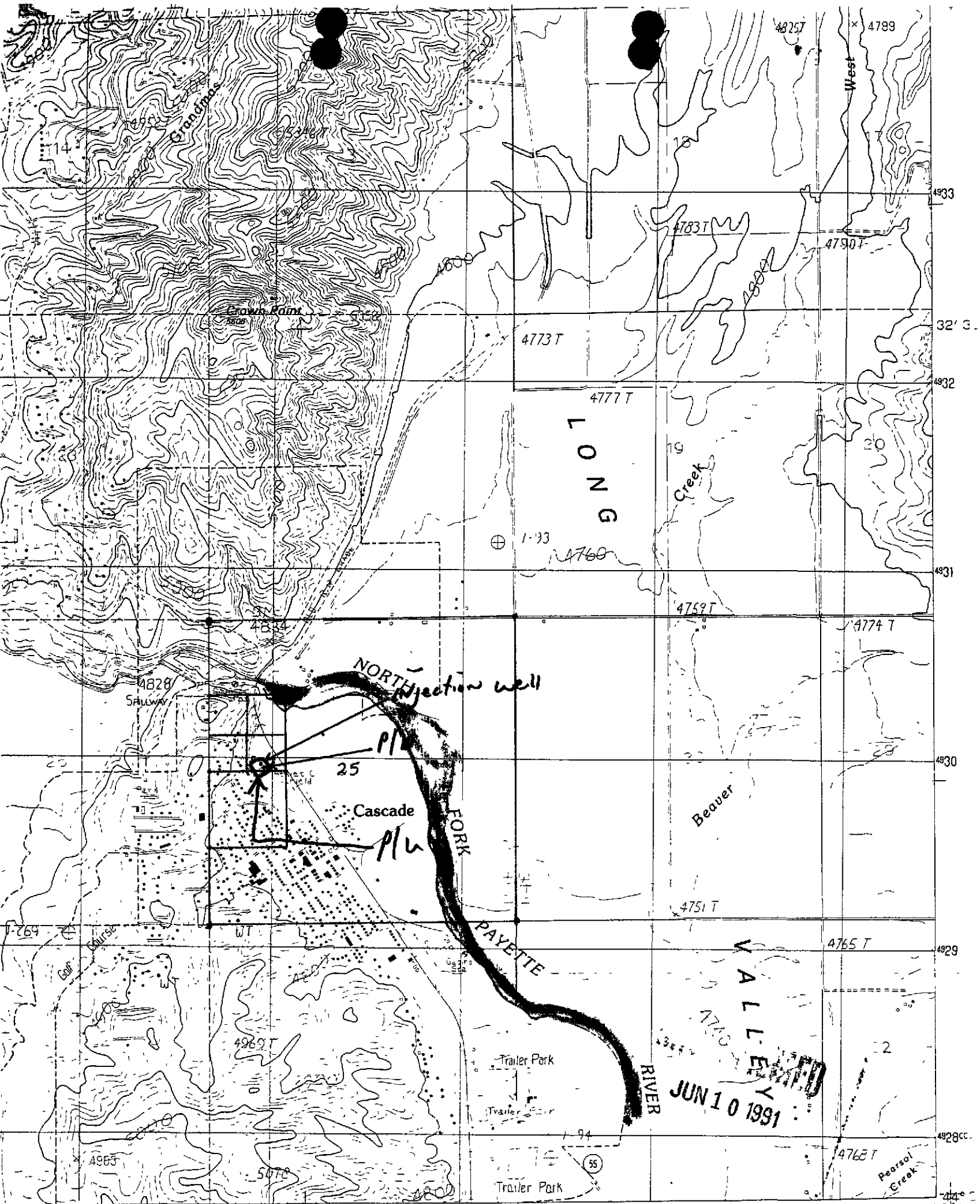
Any decrease in psi or dynamic pumping level increases the estimate. This estimate is used to recommend the 0.10 cfs in the exam report. Note that the license recommendation is close to the 1988 pump test value.

Injection Well- Two wells were found at the Cascade LDS site. Mr. Lee informed me that the source well produced 65 degree F. water and that the well was deepened to 560'. He also stated that the injection well (photo 2) was 360' deep. This contradicts the information shown in attached well logs 1-3. Log 1 shows a 360' source well from early 1987. Log 2 describes the 405' injection well related to drilling permit 65-87-Z-006, and log 3 is the deepening of the same well to 560' as allowed by drilling permit 65-88-Z-147. If Mr. Lee is correct, the well allowed under Injection Well Permit 65-W-002 is now used as a withdrawal well, and the originally described withdrawal well is now used as the injection well. If correct, this practice may violate the conditions of 65-W-002, which in turn may violate a condition of Water Right Permit 65-12826 (injection well permit authorization condition). Note that the proof of beneficial use for 65-12826 states that beneficial use first occurred on 7/25/87, which is the completion date on well log 2, listed as the injection well. This also suggests but does not verify that the source well is the well identified as the injection well on well logs, drilling permits, and 65-W-002. Perhaps the Groundwater Protection Section may want to clarify this situation and inform the Western Region of any violations of 65-W-002, which in turn may affect the licensing process for 65-12826

CC: IDWR Groundwater Prot. Section

JUN 10 1991

Attachment A



24 000

INTERIOR GEOLOGICAL SURVEY RESTON VIRGINIA 1988

65-12826

14N 3E S.25

100-336

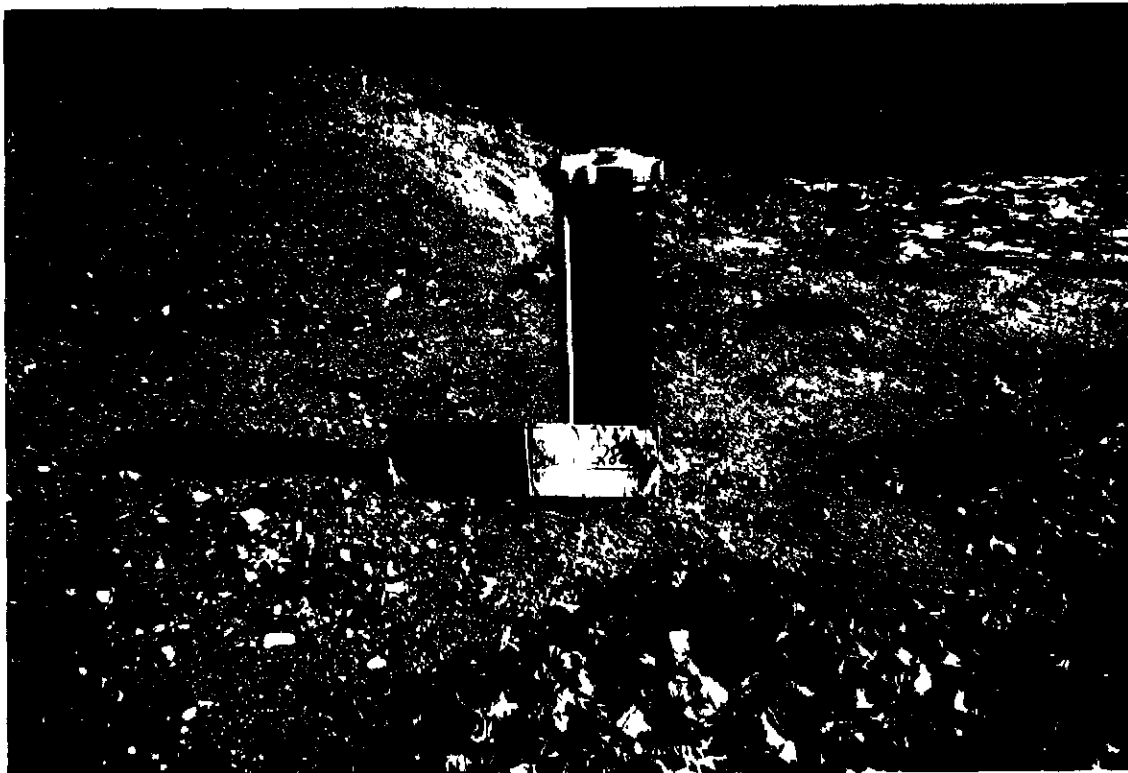


PHOTO ONE- Point of diversion, well at Cascade LOS site.

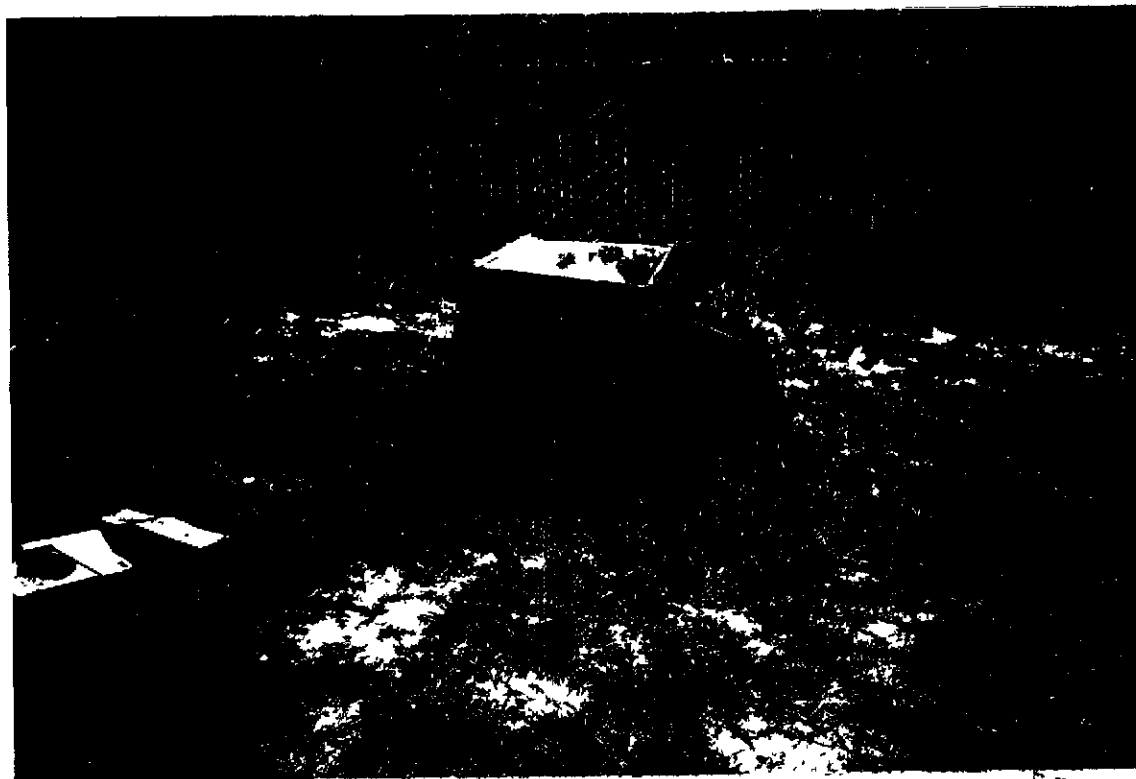


PHOTO TWO- Injection well (#65-W-002) approx. 125' NW of pld.

125' FILMED
JUN 10 1991

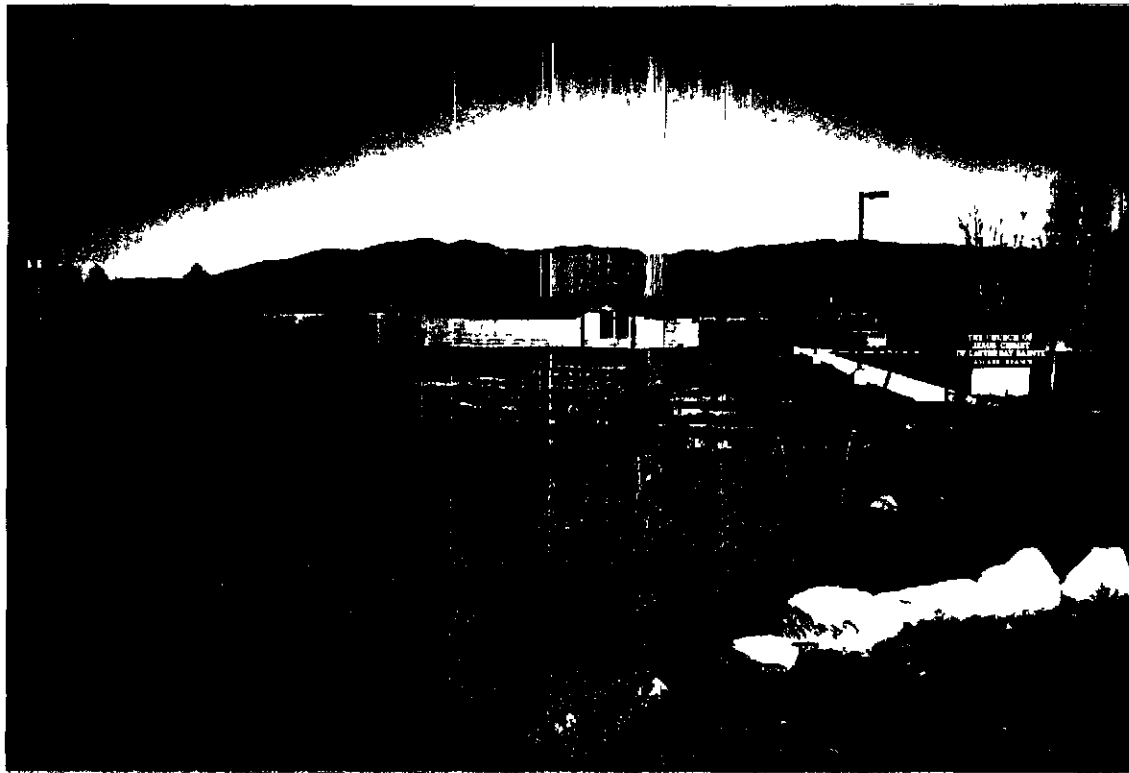


PHOTO THREE- P/U, looking East from Hwy. 55 at Cascade LDS site. P/O is near maint. bldg. in background, right.

RECEIVED
JUN 10 1991

EXPENDITURE VOUCHER

AUDITOR USE *SA 2001*

STATE OF IDAHO Office of State Auditor

AGENCY USE

3546
Date
12/06/90
Code
193002

VENDOR: If you require additional information regarding this payment, please contact the State agency listed below.

AGENCY NAME DEPT. OF WATER RESOURCES

Document No	
Pre-Audit	Date
Warrant No	

PAY

TO

CHURCH OF JESUS CHRIST OF
LATTER-DAY SAINTS
TWELFTH FLOOR, RM-1241
50 EAST NORTH TEMPLE ST.
SALT LAKE CITY, UT 84150

CHECK ONE:

(1) MISCELLANEOUS EXPENDITURE

() STATE CONTRACT

() PURCHASE ORDER

() MISCELLANEOUS
ENCUMBRANCE REQUISITION

PAYMENT: () PARTIAL () FINAL

Encumbrance Reference No.

LINE No.	PROGRAM	FUND	ACCT.		DESCRIPTION	LINE AMOUNT	AGENCY USE
			May	Min			
1	05 20 122	1238	8831		REFUNDS PER RITA FLECH ATTN: RONALD JOHNSON WR #65-12826 11/30/90 50.00	50.00	
TOTAL						50.00	

NOTE: Final payment must be accompanied by a receiving copy

TO STATE AUDITOR

Request is hereby made that a warrant be authorized and drawn in payment of the item or items described above. I hereby certify that the items described were ordered by proper authority; that they are necessary in the public service, that the items have been received and accounted for, and that the account as stated is correct and just.

AUDITOR'S CERTIFICATE

I hereby certify that the above account is in proper form; that totals carried hereon are correct; that receipts when required by law or regulation of the State Board of Examiners covering items for which reimbursement is asked are submitted herewith; and that there are funds in the state treasury and balances in appropriation accounts out of which the same may be lawfully paid.

Date

Head of Agency or Institution

State Auditor

MEMORANDUM

DATE: November 30, 1990

TO: FISCAL SECTION

FROM: Nina Shields or Rita Fleck

RE: REFUND - 65-12826

Please prepare a refund of \$50.00 (receipt No. C018879). Attached is a copy of the letter which explains why the refund is necessary.

Also, please reference the identification number on any papers returned to me for the file. Thanks.

Attachments: letter
receipt

JUN 10 1991

November 30, 1990

Ronald C. Johnson
Church of Jesus Christ of
Latter-Day Saints
Twelfth Floor, RM-1241
50 East North Temple St.
Salt Lake City, UT 84150

RE: RETURNED PROOF OF BENEFICIAL USE FORM AND LICENSE EXAMINATION FEE
- 65-12826

Dear Mr. Johnson:

On November 15, 1990 you submitted completed proof of beneficial use forms and license examination fees in connection with the water right permits listed below:

Water Right No.	License Exam. Fee
25-07571	\$ 50
25-07572	50
25-07573	0
25-07574	50
25-07575	0
65-12826	50
65-13248	100
	<u>\$300</u>

The department issued Receipt No. C018879 in connection with the fee submittal. Enclosed is a copy of the receipt.

Returned is the proof of beneficial use form submitted in connection with permit 65-12826. The proof is not appropriate since proof of beneficial has previously been submitted on March 17, 1989. The permit is being reviewed for the issuance of a license. The license examination fee submitted in connection with this permit in the amount of \$50 will be returned to you under separate cover.

RECEIVED
JUN 10 1991

Ronald C. Johnson

-2-

November 30, 1990

Please feel free to contact the department if you have questions.

Sincerely,

RITA I. FLECK
Secretary/Records Manger

Encl: 2

c: Fiscal Sec.

10 1991

CONVERSATION MEMORANDUM

DATE

6/14/90

FILE

65-13248

NAME OF PARTY Ron Thurber, ConsultantEMPLOYEE Steve Lester**RECEIVED**

JUN 14 1990

Department of Water Resources

RE: LDS Apol., Cascade site, office visit

- ① no new land to be irrigated. Delete irrigation from appl.
- ② enclosure heating/cooling to .26 (original total flow in appl)
- ③ 3 p/d's in SESW NW L. 4.

#1 = same well as some well in 65-12826

#2 = " " " injection well " "

#3 = a new well to be drilled

Injection well permit 65-W-002 in which original source well & injection wells were switched & cleared through State office.

Now proposing to use permitted injection well as another source well. Plan to inject H₂O from heating/cooling into series of shallow groundwater sites (<18') NE of the current 2 wells on site.

May need to discuss injection concept with John McCleod. Advise applicant to contact JM about this.

- ④ Heating/cooling is for a new building, a planned addition to current church. Need flow rate justification; will be supplied.

- ⑤ time needed - need 5 years due to possible 2-phase development that may be impacted by Val Bois project in Valley County.

RONALD THURBER

JUN 14 1991

Architectural Planning & Design Group
495 Main Street
Boise, Idaho 83702
208-345-4698

CC: State Office, John McCleod
File 65-12826 (S.O. + Region) -

RECEIVED
MAY 25 1990

Department of Water Resources
Western Regional Office

65-12826

MEMORANDUM

SL
TO: Steve Lester, Western Region
FROM: John McLeon, Groundwater Protection Section
DATE: May 24, 1990
RE: Injection Well Permit 65-W-002

Your observation on the exchange of uses between the above-captioned injection well and the production well used for right # 65-12826 is correct. Apparently, the exchange of uses for these two wells was acknowledged by John Beal in December of 1988 (see attachments), who required formal notification of this action to the Department. No violations were cited at that time, possibly because the wells occupy the same legal location and were drilled within a few months of each other. In light of past Department review of this exchange, we do not see any outstanding violations of the terms of permit for 65-W-002 that would affect the licensing of 65-12826.

RECORDED
FILMED

JUN 10 1991

Attachment B

12/29/88

To: Files 65-12826
65-W-002 (Injection well)

There are two wells associated with this water right and injection well.

Original production well is now for injection and vis-a-versa. As of this date

Production Well

North well

Drilled 7/20/87 - 7/28/87

By Burns Well Drilling (65-87-206)

Deepened 12/1/88 - 12/20/88

By Gestin (65-88-2-147)

Injection Well

South well

Drilled 1/27/87 - 2/18/87

By Burns (~~65-87-206~~)

Cleaned out by Gestin 12/?/88

JUN 10 1991

gael

December 27, 1988

REC'D

DEC 27 1988

U

Mr. John Beal
Water Resources
1301 N. Orchard
Boise, ID 83706

Department of Water Resources

65-12826

RE: Cascade LDS Church
Supply and Injection Wells

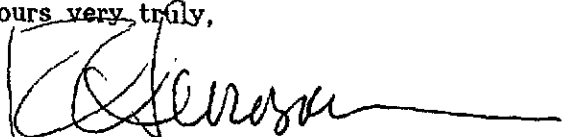
Dear John:

As per our telephone discussion this morning, we are submitting the following statement for your file:

"We recognize that the conditions set forth in the original water right and injection permits are still in effect on both wells, as we have exchanged uses on them."

Thank you for your assistance on our wells.

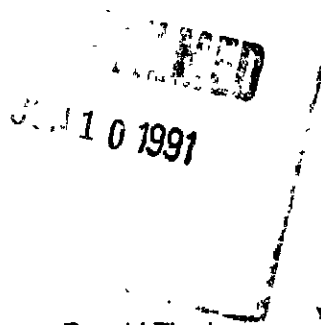
Yours very truly,



Ronald Thurber
A P & D Group

RT/saf

cc Tom Stonehocker
John Koudelka



Architectural Planning & Design Group
495 Main Street
Boise, Idaho 83702
208-345-4698

Terry Butler Raymond Crowder James Struckman Ronald Thurber

1/88

PROOF OF BENEFICIAL USE

ANALYSIS SHEET

Permit No. 65-12826

Date: 3.22.89

General Considerations:

Y Name same as permit
Y Signature the same as permit holder
N Address change _____ If yes, prepare a data entry
Y Proof received timely _____
_____ Reinstated

Source of Water:

_____ Surface water
Y Groundwater
_____ 1. well log in file
_____ 2. drilling permit
_____ Y A. amount of drilling fee paid for proposed uses

Extent of Use and Rate of Diversion:

Y Rate of diversion appropriate for uses
_____ Y Is rate or volume and fee appropriate?
Y Has permit holder indicated when water was first put to a beneficial use?

Measuring Device:

N/A Is a measuring device or access port required?
N/A Has one been installed?
N/A Waiver or modification of measuring device requested

Remarks:

Proof acceptable

N/A Priority Calculation:
Date proof received _____
Date proof due _____
No. of days late _____
Priority date _____
NEW PRIORITY DATE _____

SEND FILES TO DATA ENTRY AND THEN TO MICROFILM

Form
03/88**RECEIVED**

MAR 17 1989

STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

Department of Water Resources

PROOF OF BENEFICIAL USE

For Office Use Only

Fee Received 50.00Date 3/17/89Receipt # C005899Receipt by KJUReviewed by OKSent to region

The Idaho Department of Water Resources will consider this form as a statement that the permit holder(s) has completed all development that will occur under this permit and that water has been applied according to the provisions of the permit for the beneficial use(s) described below. This form must be accompanied by a license examination fee or a completed field examination report prepared by a certified water right examiner who has been appointed by the department.

Permit No. 65-12826

Corporation of the Presiding Bishop of the Church of Jesus Christ

Name(s) of Permit Holder: of Latter-day Saints, a Utah Corporation solePost Office Address: LDS Church, Real Estate Division, 12 Floor East50 East North Temple, Salt Lake City, UT 84150 Telephone No. 1-800-240-4656Source of Water: groundwater

Extent of Use:

Domestic (number of households)Stockwater (number and type of stock)Irrigation .03 cfs 1.4 (acres)Other/Remark .07 cfs heating & coolingTotal rate and/or volume for which proof is submitted 0.1 cfs acre-feetShow the date water was first diverted and beneficially used under this permit: 7-25-87Measuring Device: Required? Yes X No
Installed? Yes X NoFee enclosed \$ 50.00
(See License Examination Fee Schedule)Flow Measurement Port: Required? Yes X No
Installed? Yes X No

Person to contact to accompany the Department representative during the field examination:

Joseph Cheney

(Name)

208-382-4719

(Telephone Number)

Box 198, Cascade, ID 83611

(Address)

The above information is my true statement of the extent to which the above described permit has been developed and I relinquish any undeveloped portion of the permit to the state of Idaho.

Corporation of the Presiding Bishop of the Church of
Jesus Christ of Latter-day Saints, a Utah Corporation sole

MICROFILMED3-13-89

Date

Julia A. Baker

MAY 15 1989

JJR

Signature of Permit Holder (and title, if appropriate)
Authorized Agent

THE CHURCH OF
JESUS CHRIST
OF LATTER-DAY
SAINTS

REAL ESTATE DIVISION
Twelfth Floor
50 East North Temple Street
Salt Lake City, Utah 84150
Phone (801) 240-2929

March 14, 1989

Reference reply to

#531-1896

RECEIVED
MAR 17 1989

Mr. Carter Fritschle
Senior WaterResource Agent
Adjudication Bureau
Idaho Department of Water Resources
1301 North Orchard Street
Boise ID 83720

Department of Water Resources

Dear Mr. Fritschle,

Attached are the signed documents and a check for \$50.00 for the Proof of Beneficial Use of Water for claim 65-12826. This is our property number - 531-1896.

We appreciate your help and all that you and Glen do in seeing that all the adjudication documents are properly filed.

Sincerely,


Ronald C. Johnson
Water Analyst

RCJ:ja
enc.

cc: Terry F. Roylance
M. Glade Pincock

MICROFILMED

MAY 15 1989

CHURCH OF JESUS CHRIST LATTER DAY SAINTS
EMMETT IDAHO STAKE
50 E. NORTH TEMPLE
SALT LAKE CITY, UT 841100000

February 28, 1989

138034

PROOF DUE NOTICE

RE: PERMIT NO. 65-12826

Dear Permit Holder:

One of the conditions of approval of the above referenced water permit was that proof of the extent of your beneficial use must be submitted to this office on or before May 1, 1989. (See last page of your approved permit or your last approved extension request.) Enclosed is a form which when accompanied by the license examination fee or a complete field examination report prepared by a certified water right examiner may be used to submit the required proof.

If you have not fully completed your project, and you or a previous owner of this permit have not received a prior extension of time, you may request an extension of time if the delay is for reasonable cause as provided in Section 42-204, Idaho Code. If you have been prevented from proceeding by a governmental agency or by litigation which might bring title to the water in question, more than one extension of time can be granted. An extension of time request form is enclosed for your convenience.

Either an acceptable proof of beneficial use submittal or an acceptable request for an extension of time must be received by this department on or before the above described proof due date. If neither is received, the department will send you a lapse notice. Within sixty (60) days of the mailing of the lapse notice, the permit will no longer be of any force nor effect.

SINCERELY,

Rita Fleck
Secretary/Records Manager

Enclosures

MICROFILMED

MAY 15 1989

December 27, 1988

DEC 27 1988

DEC 27 1988

U

Mr. John Beal
Water Resources
1301 N. Orchard
Boise, ID 83706

Department of Water Resources

RE: Cascade LDS Church
Supply and Injection Wells

Dear John:

As per our telephone discussion this morning, we are submitting the following statement for your file:

"We recognize that the conditions set forth in the original water right and injection permits are still in effect on both wells, as we have exchanged uses on them."

Thank you for your assistance on our wells.

Yours very truly,



Ronald Thurber
A P & D Group

RT/saf

cc Tom Stonehocker
John Koudelka

MICROFILMED

MAY 15 1989

Terry Butler Raymond Crowder James Struckman Ronald Thurber

Architectural Planning & Design Group
495 Main Street
Boise, Idaho 83702
208-345-4698

12/29/88

To: Files 65-12826
65-W-002 (Injection well)

There are two wells associated with this water right and injection well.

Original production well is now for injection and visa-versa. As of this date

Production Well

North Well

Drilled 7/20/87 - 7/28/87

By Buns Well Drilling (65-87-206)

Deepened 12/1/88 - 12/20/88

By Gestin (65-88-2-147)

Injection Well

South Well

Drilled 1/23/87 - 2/18/87

By Buns (~~65-87-2-006~~)

Cleaned out by Gestin 12/?/88

RECORDED

MAY 15 1989

jsd

RECEIVED

DEC 27 1988

State of Idaho
Department of Water Resources

DRILLING PERMIT

Department of Water Resources (Authorizing Construction of a Well)*

1. Applicant L.D.S. Church EMMETT STAKE
2. Address CASCADE, Idaho
Telephone _____
- ☒ Well Owner ☐ Well Operator ☐ Other, specify _____
3. Proposed well location SW 1/4 NW 1/4, or Gov't lot No. _____,
Sec. 25, Twp. 14N, Rge. 3E, County VALLEY,
Lot, block and subdivision _____
4. Proposed use of well: (Check all that apply)
☐ Domestic ☐ Stockwater ☐ Monitoring
☒ Irrigation ☐ Industrial ☐ Municipal
☐ Injection ☒ Other, Specify SPACE HEATING
5. Well construction information:
☐ New well ☒ Deepen ☐ Replace
Proposed surface diameter 6" Maximum depth 560
Anticipated bottom hole temperature:
☒ 85°F or less (Cold water well)
☐ 85°F to 212°F (Low temp. geothermal well)
☐ 212°F or more (Geothermal well)
6. Anticipated construction start date 12-13-88
7. Well Driller (if known) ROBERT GASTRIN #408
Address _____
8. Applicant's signature Robert W. Gastrin
9. Title Well DRILLER
- Date 12-13-88

MICROFILMED

MAY 15 1989

* After other pre-requisite approvals have been obtained.

* Fee is \$10 for single family domestic. Other uses may be \$100, \$50 or \$10.

ACTION OF IDWR

(X) Approved

() Denied

The approval of this permit authorizes the construction of a well as described on this application subject to the conditions on this permit.

GENERAL CONDITIONS:

1. The well must be constructed in compliance with the applicable statutes, specific conditions of approval shown on the water right permit, injection well permit, transfer or amendment and the rules and regulations of the Department for water appropriation, injection wells and well construction standards.
2. This drilling permit is valid for two (2) months from its date of issuance for the start of construction and is valid for one (1) year from the date of issuance for completion of the well unless an extension has been granted.
3. This permit does not constitute the approval of the District Health Department or the Idaho Department of Health and Welfare which may be required before construction of this well.
4. The well shall be constructed by a driller currently licensed in the State of Idaho who must maintain a copy of the drilling permit at the drilling site.
5. Issuance of this drilling permit does not authorize trespass on the land of another party.
6. This permit does not constitute other local, county, state or federal approvals which may be required for construction of a well.
7. This drilling permit does not represent a right to divert and use the water of the State of Idaho.

SPECIFIC CONDITIONS:

Dated this 29th day of December, 1988.

Signed

Title

MICROFILMED

Received by CP Fee \$100.00 Date 12/27/89 MAY 15 1989

Receipt No. C004734 Construction start extension to _____

Extension approved by _____

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.

1. WELL OWNER Name <u>L.D.S. Church - Emmett Stake</u> Address <u>Crescent, Idaho</u> Owner's Permit No. <u>SCE 65-88-2-147</u>	7. WATER LEVEL Static water level <u>7</u> feet below land surface. Flowing? ☐ Yes ☒ No G.P.M. flow _____ Artesian closed-in pressure _____ p.s.i. Controlled by: ☐ Valve ☐ Cap ☐ Plug Temperature <u>63</u> °F. Quality <u>Good</u> <i>Describe artesian or temperature zones below</i>																																																																
2. NATURE OF WORK <u>New well #1</u> <u>65-88-2-06</u> ☐ New well ☒ Deepened ☐ Replacement ☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)	8. WELL TEST DATA ☐ Pump ☐ Bailer ☐ Air ☐ Other _____ <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Discharge G.P.M.</th> <th>Pumping Level</th> <th>Hours Pumped</th> </tr> </thead> <tbody> <tr> <td><u>20</u></td> <td><u>17.5</u></td> <td><u>3 1/2</u></td> </tr> <tr> <td><u>40</u></td> <td><u>24.5</u></td> <td><u>3 1/2</u></td> </tr> </tbody> </table>	Discharge G.P.M.	Pumping Level	Hours Pumped	<u>20</u>	<u>17.5</u>	<u>3 1/2</u>	<u>40</u>	<u>24.5</u>	<u>3 1/2</u>																																																							
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3. PROPOSED USE ☐ Domestic ☒ Irrigation ☐ Test ☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection ☐ Other <u>SPACE HEATING</u> (specify type)	9. LITHOLOGIC LOG <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Bore 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></td> <td></td> <td></td> <td><u>STANDARD 4" PVC Casing +</u></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td><u>ATTACHED WITH 6" STEEL</u></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td><u>CASING TO BOTTOM 3' 8"</u></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td><u>HOLE</u></td> <td></td> <td></td> </tr> <tr> <td><u>1 1/2</u></td> <td><u>406</u></td> <td><u>423</u></td> <td><u>MED. HARD PACKED SAND & GRAVEL</u></td> <td></td> <td>X</td> </tr> <tr> <td><u>1 1/2</u></td> <td><u>423</u></td> <td><u>433</u></td> <td><u>BROKEN DECOMPOSED GRANITE</u></td> <td></td> <td>X</td> </tr> <tr> <td><u>1 1/2</u></td> <td><u>433</u></td> <td><u>438</u></td> <td><u>MED. HARD DECOMPOSED GRANITE</u></td> <td></td> <td>X</td> </tr> <tr> <td><u>1 1/2</u></td> <td><u>438</u></td> <td><u>460</u></td> <td><u>SAND DECOMPOSED GRANITE</u></td> <td></td> <td>X</td> </tr> <tr> <td><u>1 1/2</u></td> <td><u>460</u></td> <td><u>560</u></td> <td><u>MED. HARD DECOMPOSED GRANITE</u></td> <td></td> <td>X</td> </tr> </tbody> </table>	Bore Diam.	Depth		Material	Water		From	To	Yes	No				<u>STANDARD 4" PVC Casing +</u>						<u>ATTACHED WITH 6" STEEL</u>						<u>CASING TO BOTTOM 3' 8"</u>						<u>HOLE</u>			<u>1 1/2</u>	<u>406</u>	<u>423</u>	<u>MED. HARD PACKED SAND & GRAVEL</u>		X	<u>1 1/2</u>	<u>423</u>	<u>433</u>	<u>BROKEN DECOMPOSED GRANITE</u>		X	<u>1 1/2</u>	<u>433</u>	<u>438</u>	<u>MED. HARD DECOMPOSED GRANITE</u>		X	<u>1 1/2</u>	<u>438</u>	<u>460</u>	<u>SAND DECOMPOSED GRANITE</u>		X	<u>1 1/2</u>	<u>460</u>	<u>560</u>	<u>MED. HARD DECOMPOSED GRANITE</u>		X
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4. METHOD DRILLED ☒ Rotary ☒ Air ☐ Hydraulic ☐ Reverse rotary ☐ Cable ☐ Dug ☐ Other _____	10. WORK RECORD Work started <u>12-1-88</u> finished <u>12-20-88</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><u>.250</u> inches</td> <td><u>6</u> inches</td> <td><u>1</u> foot</td> <td><u>4 1/4</u> feet</td> </tr> <tr> <td>_____ inches</td> <td>_____ inches</td> <td>_____ feet</td> <td>_____ feet</td> </tr> <tr> <td>_____ inches</td> <td>_____ inches</td> <td>_____ feet</td> <td>_____ 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 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 _____ Material used in seal: ☐ Cement grout ☐ Bentonite ☐ Puddling clay ☐ _____ Sealing procedure used: ☐ Slurry pit ☐ Temp. surface casing ☐ Overbore to seal depth Method of joining casing: ☐ Threaded ☐ Welded ☐ Solvent ☐ Cemented between strata Describe access port <u>SANITARY WELL SEAL</u>	Thickness	Diameter	From	To	<u>.250</u> inches	<u>6</u> inches	<u>1</u> foot	<u>4 1/4</u> feet	_____ inches	_____ inches	_____ feet	_____ feet	_____ inches	_____ inches	_____ feet	_____ 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>Coastal Drilling Well</u> Firm No. <u>408</u> Address <u>HC 3R Box 10 Unimethy</u> Date <u>12-20-88</u> Signed by (Firm Official) <u>[Signature]</u> and (Operator) <u>[Signature]</u>																																
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CONVERSATION MEMORANDUM

DATE December 13, 1988
1:20 p.m.
FILE _____

NAME OF PARTY Bob Gestrin (325-8637)

EMPLOYEE Linda Tracy

RE: Well drilled for LDS Church in Cascade.

Well drilled by Burns July 25, 1987

Drilling Permit No. 65-87-Z-006

Bob Gestrin would like verbal approval to deepen the
well. It was listed for injection; will change to
production (supply).

The owners has had sand problems. The well is 405
feet deep. Dia. 8" with 4" PVC lining which collapsed
and separated. Bob said he replaced lining with
6-inch steel all the way down.

December 13, 1988 - 1:30 p.m.

Ron Thurber (architect) working with Bob Gestrin on
above well called. Location of well is SWNW Sec. 25,
T14N, R3E. The well is now 405 ft. deep - wants to
go down possibly another 100 feet and hit warm water.

Ron would like you to call him at 345-4698. I told

Ron you could only give permission to driller and not

MAY 15 1989

sure if you could make exception. If you need to give
verbal approval directly to Bob, Ron will have Bob

call you back, Bob's rig is over well now.

DRILLING PERMITS

NUMBER 65-87-Z-006 DATE WELL LOG RECEIVED 03/28/88
 LAST NAME LDS CHURCH FIRST NAME CASCADE
 ADDRESS 3412 FOOTENAIL ST. CITY BOISE STATE ID ZIP 83705
 TELEPHONE NO
 WATER RIGHT NUMBER INJECTION WELL NO 65-W-002

OTEROTER GOVT LOT LOT&BLOCK SUBDIVISION

SECTION 25 TWP 14N RGE 05E COUNTY VALLEY

USE 00 56 DESCRIBE USE TEST & (INJ,
 NEW,DEEPENED OR REPLACED) (N,D,F) N HOT (Y OR N) N
 DRILLER NUMBER 103 DRILLER NAME BUEHIS
 CONDITIONS (Y OR N) Y
 COMMENTS TO BE USED FOR INJ

FEE\$100 APPROVAL DATE 07/17/87 EXTENSION DATE
 mm/dd/yy mm/dd/yy

EDIT : D: #DRJLPERM #Rec: 1927/3349 #NumCaps

MICROFILMED

MAY 15 1989

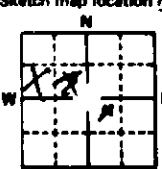
4-1-2-58
4-8-2

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

90

1 WELL OWNER Name <u>L.D.S CHURCH STAKE</u> Address <u>CASCADE IDAHO</u> Phone & Permit No. <u>65-87-2-006</u>		7 WATER LEVEL Static water level <u>10</u> feet below land surface Flowing? ☐ Yes ☒ No G.P.M. flow <u>-</u> Artesian flow in pressure <u>psi</u> Controlled by <u>Valve</u> Cap ☐ Plug Temperature <u>65</u> OF Quality <u>GOOD</u> (List the elevation of temperature zones below)																															
2 NATURE OF WORK ☒ New well ☐ Deepened ☐ Replacement Abandoned. Describe abandonment procedures such as materials, plug depths, etc. in lithologic log.		8 WELL TEST DATA ☐ Pump ☐ Bailer ☒ Air ☐ Other <table border="1"><thead><tr><th>Discharge G.P.M.</th><th>Pumping Level</th><th>Hours Pumped</th></tr></thead><tbody><tr><td><u>100</u></td><td><u>400</u></td><td><u>2</u></td></tr></tbody></table>		Discharge G.P.M.	Pumping Level	Hours Pumped	<u>100</u>	<u>400</u>	<u>2</u>																								
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3 PROPOSED USE Domestic ☐ Irrigation ☐ Test ☐ Municipal Industrial ☐ Stock ☐ Water Disposal or Injection ☐ Other <u>INJECTION</u> (specify type)		9 LITHOLOGIC LOG <table border="1"><thead><tr><th>Bore Diam</th><th>Depth From</th><th>To</th><th>Material</th><th>Water Yes No</th></tr></thead><tbody><tr><td><u>10</u></td><td><u>0</u></td><td><u>120</u></td><td><u>FINE DECOMPOSED</u></td><td><u>X</u></td></tr><tr><td><u>10 1/2</u></td><td><u>120</u></td><td><u>180</u></td><td><u>MEDIUM HARD DECOMPOSED</u></td><td><u>X</u></td></tr><tr><td><u>8</u></td><td><u>180</u></td><td><u>400</u></td><td><u>HARD GRANITE</u></td><td><u>X</u></td></tr><tr><td></td><td></td><td></td><td><u>WATER BEARING</u></td><td></td></tr><tr><td></td><td></td><td></td><td><u>350-415</u></td><td></td></tr></tbody></table>		Bore Diam	Depth From	To	Material	Water Yes No	<u>10</u>	<u>0</u>	<u>120</u>	<u>FINE DECOMPOSED</u>	<u>X</u>	<u>10 1/2</u>	<u>120</u>	<u>180</u>	<u>MEDIUM HARD DECOMPOSED</u>	<u>X</u>	<u>8</u>	<u>180</u>	<u>400</u>	<u>HARD GRANITE</u>	<u>X</u>				<u>WATER BEARING</u>					<u>350-415</u>	
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5 WELL CONSTRUCTION Casing schedule ☒ Steel ☐ Concrete ☒ Other <u>PVC</u> The casing <u>250</u> inches diameter <u>8</u> inches from <u>0</u> feet to <u>134</u> feet <u>250</u> inches diameter <u>8</u> inches from <u>134</u> feet to <u>400</u> feet Was casing drive shoe used? ☒ Yes ☐ No Was a packer or seal used? ☐ Yes ☐ No Perforated? ☒ Yes ☐ No How perforated? ☐ Factory ☐ Knife ☐ Torch Size of perforation <u>1/8</u> inches by <u>8</u> inches Number <u>60</u> perforations from <u>360</u> feet to <u>400</u> feet perforations <u>360</u> feet to <u>400</u> feet perforations <u>400</u> feet to <u>400</u> feet Well screen installed? ☐ Yes ☒ No Manufacturer's name _____ Model No. _____ Type _____ 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>120</u> Material used in seal ☐ Cement grout ☒ Bentonite ☐ Pudding clay ☐ 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>PLATE CAN BE REMOVED</u>		10. Work started <u>7/20/67</u> finished <u>7/25/67</u>																															
6 LOCATION OF WELL Sketch map location <u>must</u> agree with written location  Subdivision Name _____ Lot No. _____ Block No. _____ County <u>VALLEY</u> T. <u>25</u> N. R. <u>3</u> E. S. <u>14</u>		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>BURNS WELL DRILLING</u> Address <u>ROUTE 2 BOX 615 GRANGEVILLE IDAHO 83839</u> Signed by (Firm Official) <u>G.P. Burns</u> and (Operator) <u>Scott Olson</u>																															

USE ADDITIONAL SHEETS IF NECESSARY -- FORWARD THE WHITE COPY TO THE DEPARTMENT

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

STATEHOUSE
BOISE, IDAHO 83720
(208) 334-4440
APRIL 29, 1988

CHURCH OF JESUS CHRIST LATTER DAY SAINTS
UTAH CORPORATION SOLE
50 E. NORTH TEMPLE
SALT LAKE CITY, UT 84110

PERMIT APPROVAL NOTICE

RE: PERMIT NO. 65-12826

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.

YOU SHOULD BE AWARE THAT THE GROUNDWATER YOU PROPOSE TO DIVERT IS LOCATED WITHIN A DRAINAGE BASIN WHERE SURFACE WATERS ARE REGULATED DURING THE MONTHS OF LOW FLOW. IT IS POSSIBLE THAT DIVERSION OF GROUNDWATER MAY HAVE AN ADVERSE IMPACT ON THESE SURFACE WATER FLOWS. INFORMATION AVAILABLE TO US AT THIS TIME DOES NOT WARRANT REFUSING TO ISSUE PERMITS IN YOUR AREA, BUT WE DO CAUTION THAT DIVERSIONS OF GROUNDWATER ARE NOT ALLOWED TO DEplete FLOWS AVAILABLE FOR SURFACE WATER USERS WITH EARLIER PRIORITY DATES. SITING YOUR WELL AS FAR FROM SURFACE SOURCES AS POSSIBLE AND CASING OUT UPPER WATER PRODUCING ZONES MAY REDUCE THE POTENTIAL OF INTERFERENCE.

SECTION 42-235, IDAHO CODE, REQUIRES THAT A "DRILLING PERMIT" MUST BE OBTAINED FROM THE DEPARTMENT FOR ALL WELLS CONSTRUCTED AFTER JULY 1, 1987. A DRILLING PERMIT IS A SEPARATE PERMIT THAT MUST BE ISSUED IN ADDITION TO YOUR PERMIT TO APPROPRIATE WATER. COMMENCEMENT OF WELL CONSTRUCTION OR DIVERSION OF WATER UNDER YOUR PERMIT TO APPROPRIATE WATER IS PROHIBITED UNLESS A DRILLING PERMIT IS OBTAINED.

MICROFILMED

OCT 03 1988

RE: PERMIT NO. 65-12826

2

WE HAVE ENCLOSED A FORM ENTITLED "INSTRUCTIONS FOR PROOF OF BENEFICIAL USE". PLEASE READ THE INSTRUCTIONS CAREFULLY SINCE YOU MUST TAKE FURTHER ACTION TO DEVELOP THIS PERMIT. ALSO ENCLOSED FOR YOUR CONVENIENCE IS THE STATEMENT OF BENEFICIAL USE FORM THAT MUST BE SUBMITTED WHEN YOUR PROJECT IS COMPLETED.

SINCERELY,

GARY SPACKMAN
SUPERVISOR, WATER ALLOCATION SECTION

GS: SC
ENCLOSURES

RECEIVED
OCT 03 1988

Form No. 202a
/87

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR PERMIT ANALYSIS SHEET

INITIAL REVIEW BY BD DATE 3/8/88 APPLICATION NUMBER 65-12826

REQUIRED INFORMATION

- ☒ Name (If applicant is a corporation or partnership, names must be provided for the director, officers, & other partners.)
☒ Address
☒ Source (See USGS Quad for names of water sources)
☒ Point of Diversion (10 acres for spring, lot & block descriptions for subdivisions, local name, flow and/or volume)
☒ County
☒ Quantity (flow and/or volume)
☒ Period of Use
☒ Nature of proposed use (Include description of use.)
☒ Description of diverting works
☒ Time required for beneficial use of water
☒ Place of use or acres irrigated
☒ Map
☒ Signature (If applicant is corp. partnership, or municipality, title of signator is required)
☒ Fee
☒ Yes ☐ No* In form to receipt

ADDITIONAL INFORMATION

- ☐ Overlapping place of use (Describe source & relationship to present application on the back.)
☐ Overlapping point of diversion
☐ Yes ☐ No Field check required
Field check by _____
☐ Yes ☐ No Field report attached
☐ Yes ☒ No Critical groundwater area
☐ Yes ☒ No Groundwater management area
☐ Yes ☒ No Send dam safety information
☐ Yes ☒ No Send power requirement letter
☐ Yes ☒ No Send fish farm requirement letter
☐ Yes ☒ No Power residency affidavit
☐ Yes ☐ No Power efficiency form
☐ Yes ☒ No Within trustwater boundary (If yes, attach trust water supplementary analysis sheet.)
☐ Yes ☒ No Diversion greater than 5 cfs or 500 acre ft. (If yes, attach large diversion supplementary analysis sheet.)
☐ See reverse side for additional information

*REQUEST THE FOLLOWING ADDITIONAL INFORMATION FROM THE APPLICANT

Date Requested APR 06 1988

Department of Water Resources

PROCESSING

☒ Yes ☐ No In form for advertising
☐ Yes ☒ No Statewide advertising
☒ Yes ☐ No Fee amount, receipt date & No. recorded on application

END COPIES TO

☐ Idaho Dept. of Health & Welfare ☐ U.S. BLM
☐ Idaho Dept. of Fish & Game ☐ U.S. Forest Service
☐ Idaho Dept. of Lands ☐ Water District
☐ Adjudication Bureau Unit ☐ Other _____

FINAL REGIONAL PROCESSING REVIEW

☒ Yes ☐ No Affidavit of publication received
☒ Yes ☐ No Application published correctly. If not, record action taken.

☒ Yes ☐ No Publication dates & paper, recorded on application
☐ Yes ☒ No Protests received
Final date for protest April 4 1988
☐ Yes ☒ No Protests, dates, resolution of protest, recorded on application
☐ Yes ☒ No Recommendations attached
☐ Yes ☒ No Measuring device required
☐ Yes ☒ No Access port required
☐ Yes ☒ No Will water be delivered by watermaster? If yes, what Dist. _____
☐ Yes ☒ No Special conditions of approval or cover letter below. _____

09C
Date of priority recommended 3/1/1988 ☐ See below for additional information
By DWA 4/5/88 returned to S.O., but original priority dated 3/1/88

STATE OFFICE REVIEW

L05, L23, L16 46 09C 2/1/88 Should be retained based on timely return of initial info
By KW 4/13/88 ☐ See below for additional information

ADDITIONAL INFORMATION

Recommend priority date of 3/1/88 - this is the day the applicant supplied all req'd information and state fee was received receipted. In conversation with John Beal this date is the one we should recognize. (see corres. dating back to 9/87 requesting information & w/r filing.) KW

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Western Region

2735 Airport Way
Boise, Idaho 83705
(208) 334-2190

MARCH 9, 1988

The Star News
Box 985
McCall, ID 83638

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. 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 APRIL 4, 1988.

Yours truly,

JUDY PENSE
Secretary

Encl.

MICROFILMED

OCT 06 1988

NOTICE OF APPLICATION FOR WATER RIGHT

The following application(s) have been filed to appropriate the public waters of the State of Idaho:

The permit(s) will be subject to all prior water rights. Protests must be filed with the Director, Dept. of Water Resources, Western Region, 2735 Airport Way, Boise, Idaho 83705 on or before

R. KEITH HIGGINSON

RECEIVED

Published 03/16 & 03/23/88.

OCT 03 1988

65-12826

CHURCH OF JESUS CHRIST LATTER DAY SAINTS

UTAH CORPORATION SOLE, 50 E. NORTH TEMPLE, SALT LAKE CITY, UT 84110

Source: GROUNDWATER

Diversion Pt: LOT 04 (SESNNW) Sec 25 T 14N R 03E

Use: IRRIGATION	(0.030 CFS)
HEATING	(0.070 CFS)
COOLING	(0.070 CFS)

Date Filed: 02/01/1988

In: LOT 04 (SNNW) Sec 25 T 14N R 03E FOR 1 ACRES

RECORDED

OCT 03 1988



State of Idaho

DEPARTMENT OF WATER RESOURCES

STATE OFFICE, 1301 North Orchard Street Boise, Idaho 83706-2237 • (208) 334-4440

CECIL D. ANDRUS
Governor

R. KEITH HIGGINSON
Director

February 3, 1988

Larry Maurer
LDS Physical Facilities
P.O. Box 15309
Boise, ID 83715

Dear r. Maurer:

Mr Ron Thurber asked that I return the enclosed check No. 2305 for \$80 and the water right application and injection well application for the Cascade Church. The following items should be completed or checked by you and returned to the Department when complete:

- o I have attached a map to the applications. Please verify that the facility and wells are in the SE $\frac{1}{4}$, SW $\frac{1}{4}$, NW $\frac{1}{4}$ Sec. 25 as I have shown on the maps. If this legal is not correct, please show the correct location on the enclosed unmarked maps.
- o Please complete the water right application and sign it. Items 3, 4, and 9 should be completed.
- o The injection well application must be signed. Also the top box to maintain should be filed in and item 3A should be completed.

If you have any questions, please contact me.

Sincerely,

JOHN E. BEAL, Manager
Groundwater Protection Section

JEB:ldt(GP8-1.2)

Enclosures

RECEIVED

OCT 03 1988

RECEIVED

MAR 4 1988

Department of Water Resources
Western Regional Office



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

September 16, 1987

Ronald Thurber
Architectural Planning & Design Group
495 Main St.
Boise, ID 83702

RE: L.D.S. Church Wells
Cascade, Idaho

Dear Mr. Thurber:

Back in July the L.D.S. Church Emmett Stake was granted a drilling permit with the understanding that they would need to follow-up with water appropriation permits and an injection well permit if needed. As of this date, I am not aware of any applications being filed.

Please let me know if the Church plans to make these filings, or is the project not moving forward.

If any forms or information is needed, you may contact me.

Sincerely,

JOHN E. BEAL, Manager
Groundwater Protection Section

JEB:ldt

MICROFILMED

OCT 05 1988

RECEIVED
MAR 4 1988

Department of Water Resources
Western Regional Office

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.

93.

1. WELL OWNER EMMENT STAKEName L.D.S CHURCHAddress CASCADE

Owner's Permit No. _____

7. WATER LEVEL

Static water level 7 feet below land surface.Flowing? ☐ Yes ☒ No G.P.M. flow _____

Artesian closed-in pressure _____ p.s.i.

Controlled by: ☐ Valve ☐ Cap ☐ PlugTemperature 55 °F. Quality GOOD

Describe artesian or temperature zones below

2. NATURE OF WORK

- ☒ New well ☐ Deepened ☐ Replacement
☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)

8. WELL TEST DATA

☐ Pump ☐ Bailer ☒ Air ☐ Other _____

Discharge G.P.M.	Pumping Level	Hours Pumped
<u>100</u>	<u>350</u>	<u>2</u>

3. PROPOSED USE

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

4. METHOD DRILLED

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

5. WELL CONSTRUCTION

Casing schedule: ☒ Steel ☐ Concrete ☒ Other PVC

Thickness	Diameter	From	To
<u>.250</u> inches	<u>6</u> inches	<u>1</u> feet	<u>177</u> feet
<u>.250</u> inches	<u>4</u> inches	<u>-14</u> feet	<u>360</u> feet

Was casing drive shoe used? ☒ Yes ☐ NoWas a packer or seal used? ☒ Yes ☐ NoPerforated? ☒ Yes ☐ NoHow perforated? ☐ Factory ☐ Knife ☐ TorchSize of perforation 1/8 inches by 8 inches

Number	From	To
<u>66</u> perforations	<u>310</u> feet	<u>360</u> feet

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 _____

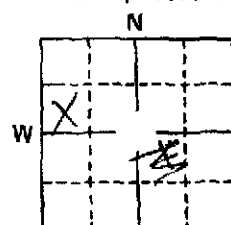
Placed from _____ feet to _____ feet

Surface seal depth 176 Material used in seal: ☐ Cement grout☒ Bentonite ☐ Pudding clay ☐ _____Sealing procedure used: ☐ Slurry pit ☒ Temp. surface casing☒ Overbore to seal depthMethod of joining casing: ☐ Threaded ☒ Welded ☒ Solvent

Weld

☐ Cemented between strataDescribe access port WELL SEAL CANBE REMOVED

6. LOCATION OF WELL

Sketch map location must agree with written location.Subdivision Name OCT 03 1988Lot No. 1 Block No. _____County SW VALLEY 14
SW 1/4 36 1/4 Sec. 25 T. 45 N. 3 E. W.10. Work started 1/27/87 finished 2/18/87

11. DRILLERS CERTIFICATION

I/We certify that all minimum well construction standards were
complied with at the time the rig was removed.Firm BURNS WELL DRILLING Firm No. 103Address ROUTE 2 BOX 615 Date 6/18/87GRANGEVILLE, IDAHO 83530Signed by (Firm Official) G.R. Burnsand
(Operator) Mark Nat

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.

90

1. WELL OWNER

Name EMMETT L.D.S. CHURCH STAKE
Address CASCADE IDAHO
Owner's Permit No. 65-87-2-006

7. WATER LEVEL

Static water level 10 feet below land surface.
Flowing? ☐ Yes ☒ No G.P.M. flow -
Artesian closed-in pressure - p.s.i.
Controlled by ☐ Valve ☐ Cap ☐ Plug
Temperature 65 °F. Quality GOOD
Describe artesian or temperature zones below

2. NATURE OF WORK

- ☒
- New well
- ☐
- Deepened
- ☐
- Replacement
-
- ☐
- Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)

8. WELL TEST DATA

☐ Pump ☐ Bailer ☒ Air ☐ Other

Discharge G.P.M.	Pumping Level	Hours Pumped
<u>100</u>	<u>400</u>	<u>2</u>

3. PROPOSED USE

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

4. METHOD DRILLED

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

5. WELL CONSTRUCTION

Casing schedule: ☒ Steel ☐ Concrete ☒ Other PVC
Thickness .250 inches Diameter 8 inches From 0 feet To 134 feet
.250 inches 4 inches 3 feet 505 feet
inches inches feet feet
inches inches feet feetWas casing drive shoe used? ☒ Yes ☐ No
Was a packer or seal used? ☐ Yes ☐ No
Perforated? ☒ Yes ☐ No
How perforated? ☐ Factory ☐ Knife ☐ Torch
Size of perforation 1/8 inches by 8 inchesNumber 60 From 360 feet To 400 feet
perforations feet feet
perforations feet feet
perforations feet feetWell 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

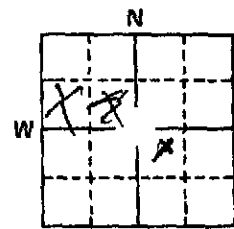
Surface seal depth 120 Material used in seal: ☐ Cement grout☒ Bentonite ☐ Puddling clay ☐Sealing procedure used: ☐ Slurry pit ☐ Temp. surface casing☐ Overbore to seal depthMethod of joining casing: ☐ Threaded ☒ Welded ☐ Solvent

Weld

☐ Cemented between strataDescribe access port PLATE CAN BEREMOVED

6. LOCATION OF WELL

Sketch map location must agree with written location.

Subdivision Name OCT 03 1988

Lot No. Block No.

County VALLEY
SW NW 1/4 Sec. 25, T. 14 N. R. 3 E.

10.

Work started 7/20/87 finished 7/20/87

DRILLERS CERTIFICATION

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

Firm Name BURNS WELL DRILLING Firm No. 103Address ROUTE 2 BOX 615 Date 7/27/87Signed by (Firm Official) G.P. Burnsand
(Operator) Scott Olson