

RESERVOIR

SEE govt at
plot for 13N SE S.13
for additional info
concerning springs located

PLD close enough to
QA line to show in
two QQQ.

ROAD TO
RESERVOIR

Creek

CHARTER
ROAD

Olson
Creek

MAP COPIED FROM FIELD
REPORT OF 65-12891.
GIVEN REPORT PROPOSES SOME
NEW RIGHT PROPOSES SOME
PLD BUT IN NEW HOME'S
SHOP.

PLD (former
CAPTAIN RD.)

Belvedere

RIVER

MILE 35
PAYETTE

65-12891

SEP 04 1991

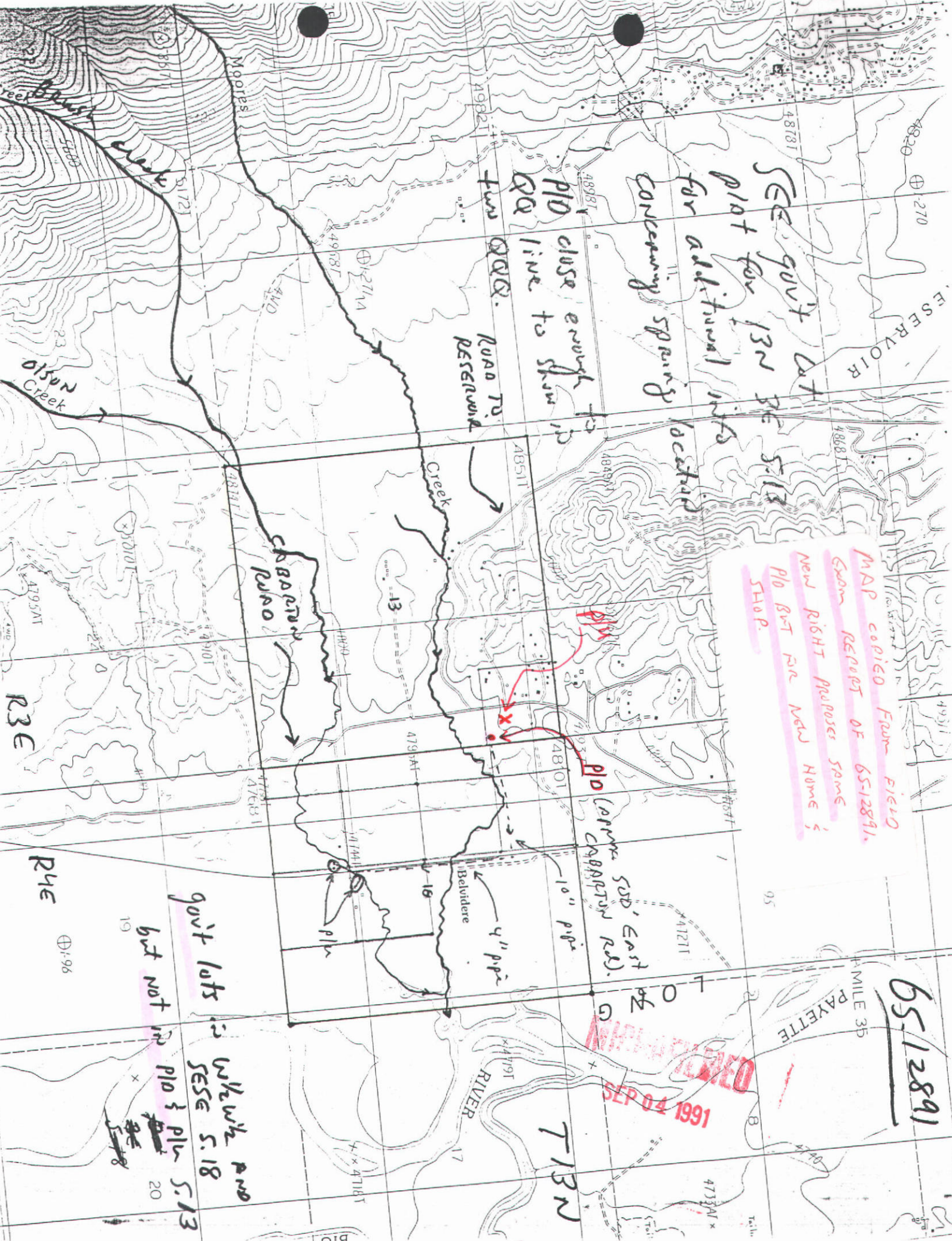
T13N

govt lots in which and
S.E. S.18
but not in PLD & PLN S.13

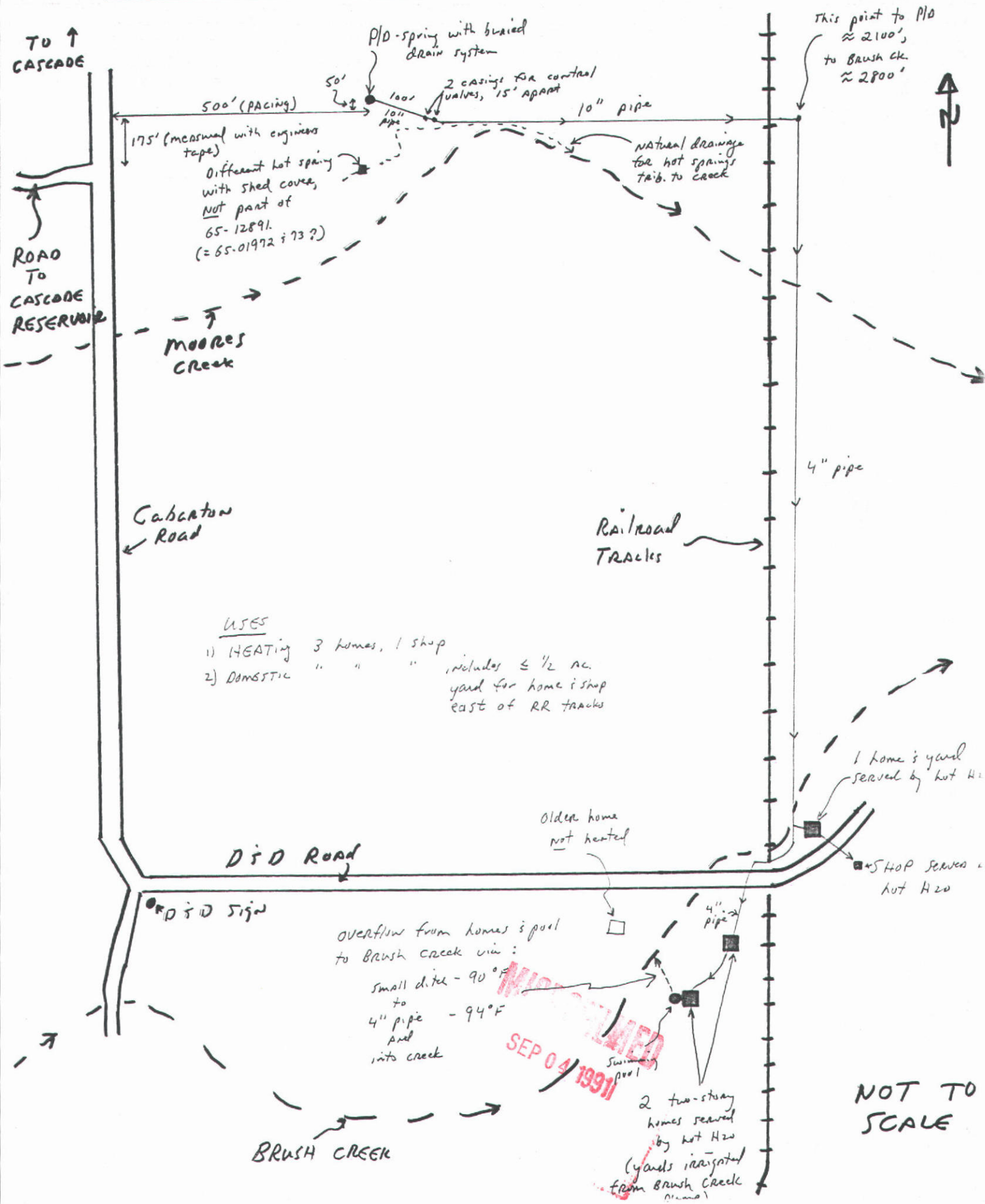
19
20

R4E

R3E



65-12891 ALTERNATIVE DIAGRAM



State of Idaho
Department of Water Resources

Permit To Appropriate Water

NO. 65-13332

Proposed Priority: July 2, 1991 Maximum Diversion Rate: 0.10 CFS

This is to certify, that **JOAN PANCHERI**
DARWIN PANCHERI
15501 STAGECOACH RD.
NAMPA, ID 83686

has applied for a permit to appropriate water from:

SPRING tributary of **MOORES CREEK**

and a permit is **APPROVED** for development of water as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>
-----------------------	----------------------	--------------------------

HEATING	01/01 to 12/31	0.10 CFS
---------	----------------	----------

<u>LOCATION OF POINT(S) OF DIVERSION:</u>		
NESENE	Sec. 13, Township 13N, Range 03E	
SENESE	Sec. 13, Township 13N, Range 03E	
	VALLEY County	

PLACE OF USE: HEATING
TWN RGE SEC

13N 03E 13 NENE

CONDITIONS/REMARKS:

1. Proof of construction of works and application of water to beneficial use shall be submitted on or before September 1, 1992.
2. Subject to all prior water rights.
3. Use of water under this permit is subject to control by the watermaster of State Water District No. 65.
4. A lockable device, subject to the approval of the Department, shall be installed on the diverting works in a manner that will provide the watermaster suitable control of the diversion prior to diversion of water under this permit.
5. Use of water under this permit shall be non-consumptive.
6. Single point of diversion on or near line between SENENE and NESENE, S13, T13N, R03E.
7. Heating use is for 1 home and 1 shop.

This permit is issued pursuant to the provisions of Section 42-204, Idaho Code.
Witness the seal and signature of the Director, affixed at Boise, this

27th day of August, 1991.

NOTED

SEP 04 1991

R. Keith Higginson
R. Keith Higginson, Director

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

1. Name of applicant David & Joan Panchar Phone 467-1348
Post office address 15501 Stagecoach Rd. Nampa Id. 83686
- 2 Source of water supply Spring which is a tributary of Moore's Creek
- 3 Location of point of diversion is SE $\frac{1}{4}$ of NE $\frac{1}{4}$ of NE $\frac{1}{4}$, Govt Lot —
Sec. 13 Township 13N Range 3E B.M. Valley County; additional
points of diversion if any, NESENE S.13 T13N R.3E
- 4 Water will be used for the following purposes:
Amount .10 for heating purposes from 1/1 to 12/31 (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)
Amount — for — purposes from — to — (both dates inclusive)
(cfs or acre-feet per annum)
- 5 Total quantity to be appropriated is (a) .10 and/or (b) —
cubic feet per second acre feet per annum
6. Proposed diverting works:
a Description of ditches, flumes, pumps, headgates, etc. Drain system & collection pipe,
3/4 hp pump & 1 1/2" mainline to buildings
—
—
- b. Height of storage dam — 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 — inches; proposed depth of well is — feet.
- d Is ground water with a temperature of greater than 90°F being sought? —
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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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 Heating of:
1 home 2600 ft² (see 7/1/91
1 shop 1400 ft² CONW. memo)

9. Description of place of use

- 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	
13N	3E	13	G																

Total number of acres to be irrigated _____

10. Describe any other water rights used for the same purposes as described above 65-12891 is
same source but other ~~old~~ buildings
11. 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. _____

12. Remarks Single point of diversion on line between SENESE
and NESENE, S13, T13N, R03E.
Heating is for 1 home and 1 shop.

SEP 04 1991

RESERVOIR

SEE govt lot
plot for 13N SE S.13
for additional info
concerning springs located

PLD close enough to
RD line to show
two QQQ.

ROAD TO
RESERVOIR

Creek

ROAD TO
RESERVOIR

Olson
Creek

Plot C. M. C. F. 65-12891
Section 16 T. 13N R. 3E S. 13
AND RIGHT-PROPOSED NAME
HIG. RT. NW. ACTED
STUD

PLD (approx. S. 13 East of
CAPARTON Rd.)

Belvidere

RIVER

65-12891
MILE 35
PAYETTE

SEP 04 1991

T 13N

govt lots in which and
S. 13
but not in plot S. 13

R3E

R4E

⊕ 96

19

20

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.

X James L. Thacker
(Applicant)

Received by SR Date 7/2/91 Time 8:24 Preliminary check by lw
Fee \$ 30⁰⁰ Receipted by SR # W013455 Date 7/2/91
Publication prepared by GG Date 7-10-91 Published in Star News
Publication approved st Date 8-5-91 7/17 & 7/10/91
7/24/91 - SR

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. _____, and said application is hereby _____

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 _____, 19 ____

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.

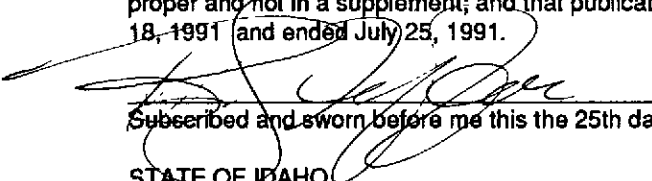
RECEIVED

SEP 04 1991

Publisher's Affidavit of Publication

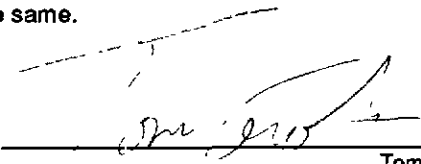
STATE OF IDAHO }
 }.SS
County of Valley }

I, Bobette S. Steffler, being duly sworn and say, 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; that the NOTICE OF APPLICATION FOR WATER RIGHT, a copy of which is enclosed hereto and is 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 of time of publication, and was published in the newspaper proper and not in a supplement; and that publication of such notice began July 18, 1991 and ended July 25, 1991.


Subscribed and sworn before me this the 25th day of July, 1991.

STATE OF IDAHO }
COUNTY OF VALLEY }

On this 25th day of July, in the year of 1991, before me, a Notary Public, personally appeared Bobette S. Steffler, known or identified to me to be the person whose name subscribed to the within instrument, and being by me first duly sworn, declared that the statements therein are true, and acknowledged to me that she executed the same.



Tom Grote
Notary Public for Idaho
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:

65-13330
JAMES, JON, P.O. BOX 84,
DONNELLY, ID 83615.
Source: GROUNDWATER
Diversion Pt: NWSW Sec 27 T 17N R 03E
Use: IRRIGATION (.150 CFS)
Total Diversion: (.150 CFS)
Date Filed: 7/8/1991
In: T17N R03E S27 NWSW
5.0 ACRES TOTAL
65-13332 ✓

PANCHERI, JOAN, PANCHERI,
DARWIN, 15501 STAGECOACH RD.,
NAMPA, ID 83686.

Source: SPRING, Tributary MOORES CREEK
Diversion Pt: SENENE Sec 13 T 13N R 03E, NESENE Sec 13 T 13N R 03E
Use: HEATING (.100 CFS)
Total Diversion: (.100 CFS)
Date Filed: 7/2/1991
In: T13N R03E S13 NENE

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 AUGUST 5, 1991.

R. KEITH HIGGINSON, Director
2/7/25

RECEIVED
JUL 29 1991

Department of Water Resources

RECEIVED
JUL 30 1991

Department of Water Resources
Western Regional Office

SEP 04 1991

RECEIVED

INTER-DEPARTMENT MEMO--1

SEP 17 1998

FROM Steve L.

Department of Water Resources

DATE 9/15/98

TO Karibyan T. 65-13232

SUBJECT Change in Address

They have B.S. 63 + B.S. 65 rights,
maybe others too?

Recently I sent letter to Darwin P. c Stagehand Rd.
address but it was returned w/ P.O. ✓ c "forwarding
address expired" language. I re-sent letter to new address
as shown. I rec'd the attached from Darwin on
c 9/10/98.

Looks like can show new address for Darwin/Joan P.
per attached. Does not appear can add son's name based
on this, however (?).

thanks,
SIGNATURE

cc → Western PRBA staff for claims

9/8/98 -

New address: 9325 Missouri Ave.
Nampa, ID 83686

Names: Darwin Pancheri;
Joan Pancheri

if possible add our son's name -
Joseph Kurt Pancheri

✓ Phone: 467-1348

Wells: Valley Co. Idaho

✓ Fax - 467-1348



State of Idaho

DEPARTMENT OF WATER RESOURCES

Western Region, 2735 Airport Way, Boise, Idaho 83705-5082 - (208) 334-2190

FAX (208) 334-2348

August 27, 1998

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

MR DARWIN PANCHERI
~~15501 STAGECOACH~~
NAMPA ID 83686

*9325 Missoula Ave
Nampa 83686*

*per AS went
Directory 1998*

9/2/98
[Signature]

RE: LICENSING OF WATER RIGHT PERMITS

Dear Darwin:

After your call a few days ago, I checked the status of all your water rights in the Cabarton area. All of your permits for that site have been field examined in the last several years. The permits are now in the licensing process.

A perennial problem at this agency is not having the resources to complete everything in a timely manner. More often than not, completion of the licensing process is forced to take a back seat to more urgent work. This is regrettable but unavoidable given the present realities.

I hope that the licenses can be issued soon. The good news is that the beneficial use developed under the permits has been verified. The rights remain fully protected by completion of that verification.

Please let me now if you have any questions about this subject.

Sincerely,

Steve Lester

Steve Lester
Water Rights Supervisor



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720-9000

Phone: (208) 327-7900 FAX: (208) 327-7866

CECIL D. ANDRUS
GOVERNOR

R. KEITH HIGGINSON
DIRECTOR

October 29, 1991

JOAN PANCHERI
DARWIN PANCHERI
15501 STAGECOACH RD.
NAMPA ID 83686

PROOF ACKNOWLEDGMENT LETTER

RE: PERMIT NO. 65-13332

Dear Permit Holder:

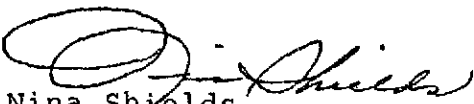
The department acknowledges receipt of the proof of beneficial use form submitted for the above referenced permit. The next step in the process of developing a water right is for the department to conduct a field examination to determine and confirm the use being made of the water.

I note that the permit issued to you by the department requires the installation of a lockable device to allow the department to determine the rate of diversion. The proof which you submitted does not show that you have installed this equipment.

The installation of the lockable device must be complete by the time the department representative conducts the examination of your system unless the department has rescinded the requirement prior to the field examination. In some cases, the equipment requirement can be rescinded because the equipment cannot be physically installed, is not appropriate or can be accommodated with other measuring methods.

If you have questions concerning this matter, please feel free to contact the WESTERN Regional Office in Boise at (208)334-2190.

Sincerely,


Nina Shields
Secretary/Records Manager

c: IDWR - Region

NOV 26 1991

Form 212
07
RECEIVED
SEP 27 1991

STATE OF IDAHO

For Office Use Only
Amt of Fee \$ 50.00
Date 9-27-91
Receipt No WOL3730
Received by ATL

Department of Water Resources
Western Regional Office

DEPARTMENT OF WATER RESOURCES

PROOF OF BENEFICIAL USE

The Idaho Department of Water Resources will consider this form as a statement that the permit holder(s) has/have 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

- 1 Permit No 65-13332 Telephone No. 467-1348
- 2 Name(s) of Permit Holder(s): DARWIN & JOAN PANCHERI
- 3 Post Office Address: 15501 STAGECOACH RD. NAMPA, ID 83686
- 4 Source of Water: HOT WATER SPRING
- a If ground water, well driller's name: _____ Date drilled: _____
- b Pump horsepower 1 hp Pressure (psi) 65 Dynamic pumping level (ft): _____
- 5 Extent of Use: HEATING OF ONE HOUSE AND SHOP
- Domestic _____ (No of households) Irrigation _____ (No of acres)
- Stockwater _____ (No and type of stock) Other _____
- 6 Total rate and/or volume for which proof is submitted .10 cfs _____ acre/feet
- 7 Refer to the approval conditions on your permit and respond accordingly:
lockable
Measuring device: Required? ☒ Yes ☐ No Installed? ☐ Yes ☐ No
OR
Flow Measurement Port: Required? ☐ Yes ☐ No Installed? ☐ Yes ☐ No
- 8 Fee Enclosed, \$ 50.00 (See License Examination Fee Schedule)
- 9 Person to contact to accompany the Department representative during the field examination:
DARWIN PANCHERI 467-1348
Name Telephone No.
15501 STAGECOACH RD NAMPA, ID 83686
Address

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

Sept. 26
Date

Darwin Pancheri
Signature (and title if on behalf of a company or organization)

NOV 20 1991

ANALYSIS SHEET
for
PROOF OF BENEFICIAL USE

Permit No. 65-13332

Date 10-8-91

GENERAL CONSIDERATIONS

- ☒ Name same as permit?
☒ Address same as permit? If no, indicate below.
☒ Proof timely received? If no, complete priority advancement below.

SOURCE OF WATER

- ☒ Surface water source
☐ Ground water source
☒ NA Drill permit req'd?
☐ Copy in file? Drill permit no. _____
☐ Amt paid for drilling permit? _____ Correct?
☐ Well log in file?

LICENSE EXAMINATION FEE

- ☒ Required?
50.00 Amount submitted?
☒ Correct amount?

MEASURING DEVICE

- ☒ Measuring device or access port required?
NO Installed?
☐ Waiver requested or needed?

DEFICIENCIES OR ACTION ITEMS

needs lockable device

PRIORITY CALCULATION

Date proof received NA
Date proof due _____
No. of days late _____
Priority date _____
NEW PRIORITY DATE _____

✓
PB



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720-9000

Phone: (208) 327-7900 FAX: (208) 327-7866

CECIL D. ANDRUS
GOVERNOR

R. KEITH HIGGINSON
DIRECTOR

August 29, 1991

JOAN PANCHERI
DARWIN PANCHERI
15501 STAGECOACH RD.
NAMPA ID 83686

PERMIT APPROVAL NOTICE

RE: PERMIT NO. 65-13332

Dear Permit Holder:

Enclosed is a copy of your approved application for permit. We direct your attention to the conditions of approval on the final page.

Enclosed is 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 is a form entitled "Proof of Beneficial Use". If your project is already completed you should complete and submit this form immediately.

Be sure to note the special condition requiring you to install a lockable device that will provide the watermaster control on your diversion.

Sincerely,

PAMELA SKAGGS
Technical Records Specialist

PS:blm

Enclosures

RECEIVED

SEP 04 1991

APPLICATION FOR PERMIT REVIEW

Application #: 65-13332

Date: 8-21-91

Reviewer:

Pam Skaggs

Existing:

✓ No - 26A-P17

✓ Complete in 1 year - (P16)

Yes

Proof not submitted - P16

Proof submitted - N/A

Groundwater:

GT. 0.2 cfs - 01G-P03, 01C-P03 (existing well)

LT. 0.2 cfs - N/A

Drilling Permit:

Approved w/permit - P99

Not included - 046-P23 (All GW, even existing wells)

✓ Location:

Water Districts - WD No.

✓ Surface water - 005, 005-01H-P01 (LT.2 w/pump)
005-01J-P08 (GT.2)

Groundwater - P05

Irrigation Districts - 023

Canal Co. Areas - 023

Drainage Districts - 024

Boise Front (63) - 058 (Groundwater)

✓Swan Falls Flag - — (1, Blank or Other)

Trust - 051-052-053-P74 (Consumptive Uses)

Non Trust - 048-049

✓ River Basins:

(Surface Water) Water District Control Condition &....

Boise (63) - 05A & 11E

✓Payette (65) - 047-P04, 059-P71

Snake (01, 02 & 03) - 11A-P04(01), 061-P07(02/03 No W.D.Cond.)

✓ **Use:**

Fish Propagation - 06A, 09E-P10 & 010 (WQ/Choose One),
042(req.), 002-P06(MD), 07A(Spec.),
044(Policy 5G)

Power - Use Power Review

Mining - 06A or 010, 09E-P10 & 054 (req.)

Storage - 18A-for multiple measuring devices(In WD),
18B-P09(Size)

✓ Heat Rec. & Aesthetic - (027) Non-Consumptive)

Domestic - 021 (restricted areas)

Ownership:

Non land owner - 004

Protested:

Agreement - 020

REPORT

SEP 04 1991

✓ Beneficial Use Due Date: - 09-01-1992

Other Conditions Recommended

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPROPRIATION APPLICATION ANALYSIS SHEET

INITIAL REVIEW BY: l.w. DATE: 7/9/91 APPLICATION: 65-13332

REQUIRED INFORMATION

☒ Name: (If applicant is a corporation or partnership, names and addresses for the director, officers, and other partners must be included.)
☒ Address:
☒ Source: (See USGS Quad for names of water sources)
☒ Point of Diversion: (10 acres for spring, lot & block descriptions for Subdivisions, local name)
☒ County:
☒ Quantity: (flow and/or volume)
☒ Period of use: Gov't. Lots: ☒ P/D
☒ Nature of proposed use: (Include description of use) ☒ P/U
☒ 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 signatory is required)
☒ Fee:
☒ Yes ☐ No* In form to receipt:

ADDITIONAL INFORMATION

YES	NO	
☒	☐	Overlapping place of use: (Describe source & relationship to present application on the back.)
☒	☐	Overlapping point of diversion:
☐	☐	Field check required: Field check by: _____
☐	☐	Field report attached:
☐	☒	Critical groundwater area:
☐	☒	Groundwater management area:
☐	☒	Diversion within interim protected river area
☐	☒	Send dam safety information:
☐	☒	Send power requirement letter:
☐	☒	Send fish farm requirement letter:
☐	☒	Power residency affidavit:
☐	☒	Power efficiency form:
☐	☒	Within trust water boundary: (If yes, attach Trust Water Supplementary Analysis Sheet.)
☐	☒	Diversion greater than 5 cfs or 500 af or irrigation greater than 200 acres: (If yes, attach Large Diversion supplementary analysis sheet.)
☐	☒	*REQUEST ADDITIONAL INFORMATION FROM THE APPLICANT

☒ DATE REQUESTED: _____
☐ Additional information on reverse side:

RECEIVED
AUG 16 1991

PROCESSING

APPLICATION NO. 65-13332

YES NO

☒ ☐ In form for advertising:
☒ ☐ Statewide advertising:
☒ ☐ Fee amount, receipt number and date recorded on application:

SEND COPIES TO

YES NO

☐ ☒ I.D. Health and Welfare
☐ ☒ I.D. Fish and Game
☐ ☒ I.D. Lands
☐ ☒ Adjudication Bureau

YES NO

☐ ☒ U.S. BLM
☐ ☒ U.S. Forest Svc.
☐ ☒ Water Dist. # _____
☐ ☒ Other _____

FINAL REGIONAL PROCESSING REVIEW

YES NO

☒ ☐ Affidavit of publication received:
☒ ☐ Application published correctly: If not, record action taken.

☒ ☐ Publication dates and paper recorded on application:
☐ ☒ Protests received. Final date for protest August 5, 1991
☐ ☒ Protest dates, resolution of protest recorded on application:
☐ ☒ Recommendations attached: Approve, DER
☐ ☒ Measuring device required:
☐ ☒ Measuring port required:
☐ ☒ Water delivered by water master? District # _____
☒ ☐ Special conditions of approval or cover letter: _____

027

☒ See below for additional information

Recommended Date or Priority 7/2/1991

Recommended by: DER Date 8/6/91

STATE OFFICE REVIEW

See below for additional information. By _____ Date _____

ADDITIONAL INFORMATION

overlaps P/D : 65-08430 Pond

- 12127 GW

- 61972 Spn

- 01973 Spn

- 01988 GW

- 11250 Meadows CR

P/U 65-08430 Pond

- 12127 GW

CONVERSATION MEMORANDUM

DATE 7-1-91

FILE NGW Application
65-13332

NAME OF PARTY Darwin Panzeri 467-1348

EMPLOYEE Steve Laster

RE:

Mr. Panzeri called to discuss the spring
examined on 10/17/89 for permit 65-12891. (exam copy attached)

Purposes to use same diversion for a new
home and shop in NWNW 5-18. Will use
3/4 hp. pump with 1 1/2" line to best shop & home.
Home $\approx$ ~~4000~~ 2600 ft² }
Shop $\approx$ 1400 ft² } total 4000 ft²

Per 10/19/88 conv. memo in 65-12891, substitute 1-story
structures @ 4000 ft² in equation:

$$E = (52.6)(78)(4000) = 16,411,200$$

$$W = E / [(500)(18.6)] = 1764.6 \text{ gpm} = 3.93 \text{ cfs}$$

However -

a) for 1 1/2" line with pump, expect @ 5 fps velocity:

$$Q = \pi r^2 V = (3.1416) \left[\left(\frac{1.5}{12} \right) / 2 \right]^2 (5) = .06 \text{ cfs}$$

b) assume hp eq. where hp = 3/4 eff = .7 psi = 20
z = 20'

$$Q = \frac{(8.8)(.75)(2)}{(2.31)(20) + 20} = .07 \text{ cfs}$$

MICROFILMED

SEP 04 1991

Reasonable flow rate to expect is $\approx .07$ cfs,
recommend .10 cfs to allow margin of error.

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

1. Owner: Darwin and/or Duane Pancheri Permit No. 65-12891
Current Address: 15501 Stagecoach Rd. Nampa ID, 83686 Phone No. 467-1348 or 495-251
2. Accompanied by: Joan Pancheri EXAM. DATE: 10/17/89
Address at above Phone No. as above
Relationship to Permit Holder: Spouse of Darwin Pancheri
3. Source Spring tributary to Moore's Creek

B. OVERLAP REVIEW

1. Other water rights with same place of use: 65-06628 -02696 -11250
☐ Copies Attached N/A
2. Other water rights with same point of diversion. 65-01972 -01973 -11250 -08430
-12127 -01988 ☐ Copies Attached ☐ Copies of Field Exam's Attached
N/A

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

See top of alternative diagram

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Scale: 1" = NOT TO SCALE

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

Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
N/A						

2. Measurements:

Flow - no measurements possible

For sq ft of heating areas & other details, see Attachment #1.

E. FLOW CALCULATIONS

☒ Additional Computation Sheets Attached

1. Measured Method *None*

2. Alternate Method for Checking Purposes *see additional pg., Attachment #1*

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 0.01732 = _____ (6)

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

$$V = (.2)(365)(1.9835) = 144.8 \text{ afa}$$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation *N/A*

$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$ _____

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

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

2. Volume Calculations for Other Uses:

Domestic 3 Homes, 1 shop:

$$\begin{aligned} 2 \text{ homes int only} &= (2)(.6) = 1.2 \text{ afa} \\ 1 \text{ home + shop, int + ext} &= (2)(1.2) = 2.4 \text{ afa} \\ V &= (.10)(365)(1.9835) = 72.4 \text{ afa} \end{aligned}$$

HEATING

Although Hot Air runs continuously since also used for domestic, estimate that heat needed $\approx 12 \text{ hrs/day}$, 80% of year for that area (292 days).
 $[.20 \text{ cfs} \times 448.8 \frac{\text{gal}}{\text{min}} \times 60 \frac{\text{min}}{\text{hr}} \times 12 \frac{\text{hr}}{\text{day}} \times 292 \frac{\text{days}}{\text{yr}}] \div 725850 = 57.9 \text{ afa}$

Continued

System Description (continued)

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

A hot spring (approx. 101°F) is utilized via a drain system and approx. 2100 ft. of 10" pipe & then ~~200~~²⁰⁰⁰ ft. of 4" pipe. Two control valves for this gravity system are found with 115' of source. Water is used to heat 3 homes & 1 shop as well as to irrigate $\frac{1}{2}$ acre of yard (external domestic use). The hot water is used in a swimming pool at one home. Discharged water (measured discharge temps of 90 & 94°F) is returned to Branch Creek via 4" overflow pipes and a small ditch paralleling one of the discharge pipes. The system has been operating since 1978

☐ 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
		N/A	(gravity system)		

*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
		SE	NE	NE	~~13~~	13N	3E	Valley	USGS 7 1/2' quad and
		NE	SE	NE	13				ORTHOGRAPHIC. Used compass
									engineers 100' tape, and pacing to
									plot plat.

Single plot on Q&Q line

6 Place(s) of Use.

Indicate Method of Determination USGS 7 1/2' quad

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	
13N	4E	18																	

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H REMARKS AND OVERLAP REVIEW ANALYSIS

P/D would have to be approx 1000' E of Caberton Rd. to be in UAG
shown on permit. Using NE corner of intersection of Caberton & Rosemon Rds, A
measured 175' N. & passed 500' East, then passed 50' N. to spring area.
No method of measurement was available for the diversion. The return flow from
swimming pool (terminal use end of 4" delivery line) via a very small ditch & 4" pipe (see
photograph #5) did not allow a flumeter or 5 gal bucket measurement. However, see attached
copy of 10/19/88 corr memo from original application. This suggests flow rate in
permit
Limit rec'd flow to .20 cfs per 150 P.D. per fee paid (Receipt 000020). Increased
rate for 0/4 but still within permit & percent of 50 limits.
Overlap - see attachment #2.

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume
	From	To		57.9 V (afa)
Heating	1/1	12/31	.20	~~1000~~
Domestic	1/1	12/31	.10	3.6
Totals:			.20	61.5

2 Recommended Amendments

- ☒ Change P.D. as reflected above ☐ Add P.D. as reflected above ☐ None
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

J AUTHENTICATION

Field Examiner's Name

Signature

Certification Date

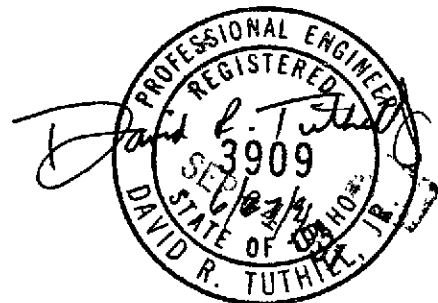
Field Report Preparation Date

Steven M. Lester
Steven M. Lester *25th*

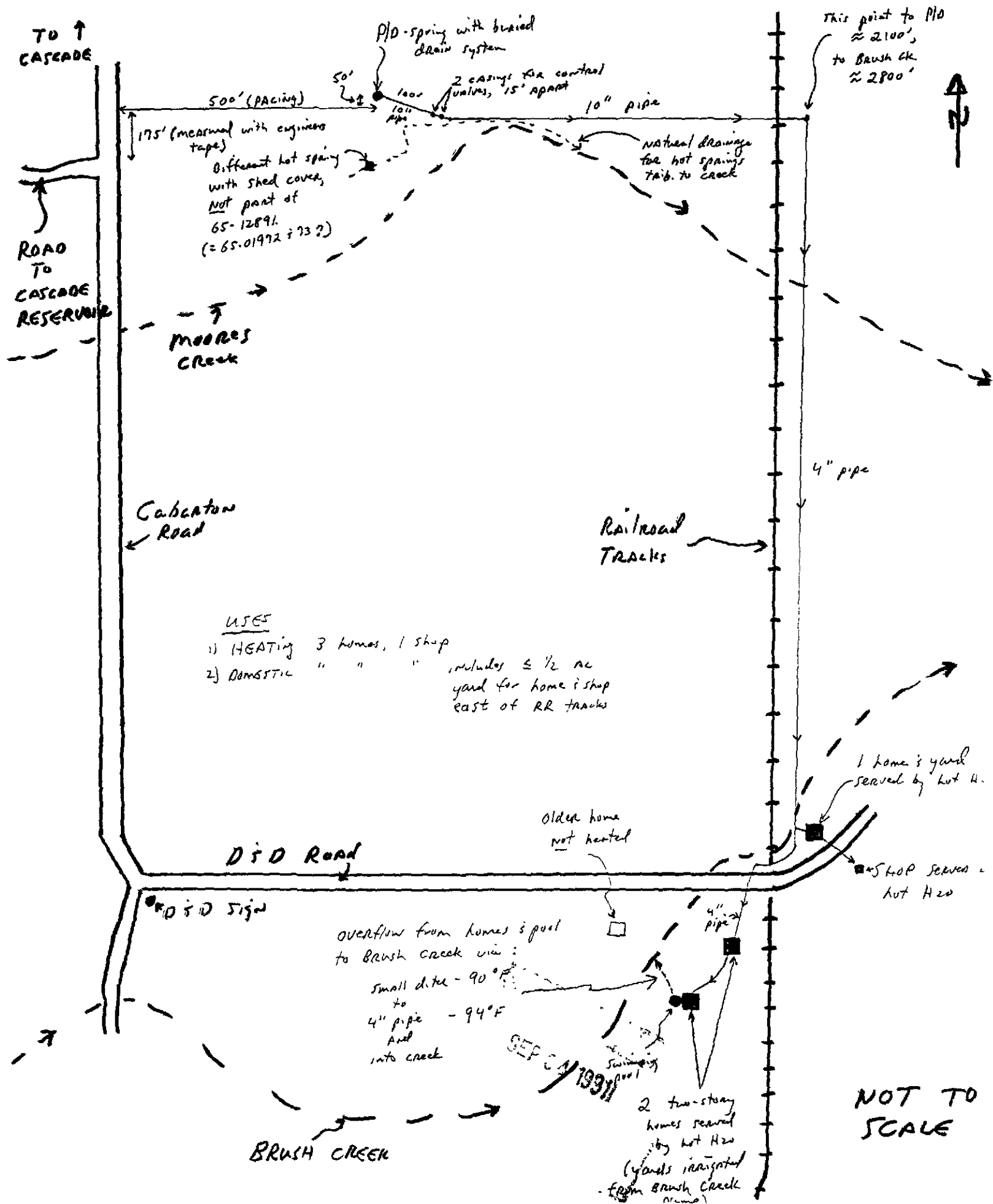
lw 5/2/91

CONSULTANT SEAL

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



65-12891 • ALTERNATIVE DIAGRAM



CONVERSATION MEMORANDUM

DATE 10/19/88FILE 65-12891NAME OF PARTY PancheriEMPLOYEE Steve LasterRE: Estimating flow for heating per Polmi. memo 23 :3 2-story homes, 1 shopsq. ft. = 2200 + 1000 + 1800 + 720 = 5720, round to 5800 since area estimates may be low.source temp. = 101° Ft_i = 70° F (assumed)t_o = -8° F (assumed ≈ Pocatello)efficiency is average.→ for 2-story unitsE = [e · ΔT] [8A] where ΔT = t_i - t_o = 70 - (-8) = 78 and e extrapol.E = [(52.6)(78)] [(8)(5800)] = 19,036,992W = $\frac{Q}{500 (\Delta T_s)}$ where Q = E and ΔT_s = (.6)(101 - 70) = 18.6W = $\frac{19,036,992}{(500)(18.6)} = 2047 \text{ gpm} = 4.56 \text{ cfs}$ Applicants want to use .40 cfs for heating, well within the suggested range.ALLOW FOR LICENSING:.20 cfs (\$50 proof paid)↓Domestic (4 units) = .10 cfsHeating = .20 cfsTOTAL .20 cfs

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SEP 22 1989

Attachment #1
65-12891 EXPM

65-13332

PANCHERI, JOAN
PANCHERI, DARWIN
15501 STAGECOACH RD.
NAMPA, ID 83686

Source: SPRING

Tributary: MOORES CREEK

Diversion Pt: SENENE Sec 13 T 13N R 03E
 NESENE Sec 13 T 13N R 03E

Use: HEATING (.100 CFS)
 Total Diversion: (.100 CFS)

Date Filed: 7/ 2/ 1991

In: T13N R03E S13 NENE

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