

3372

3414

11

Bryans

88

3332

Indian

JUL 15 1991

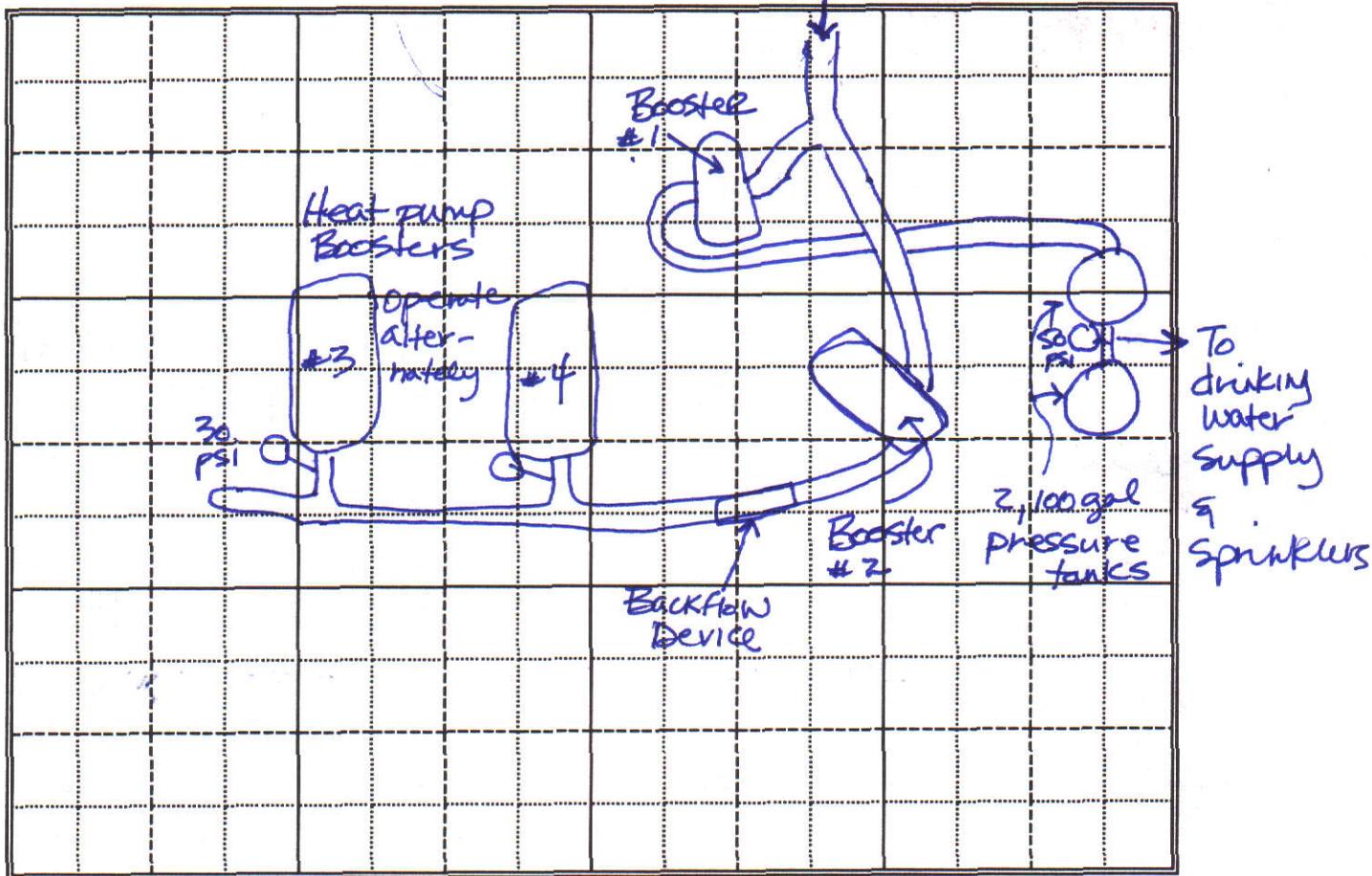
Reservation

14

Chapel

MICROFILMED

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable.



Scale: 1" = _____

____ Copy of USGS 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)

____ Photo of Diversion and System Attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
Well	?	30		Submersible	?
Booster #1	Marathon	5		Bell & Gossett	8500 rpm, 50 gpm, 1"
Booster #2	Bell & Gossett	1	M98551	B & G	1736632, 2"

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

Boosters #3 & 4 USElec 3

B & G

85 gpm, 1800 rpm, 2"

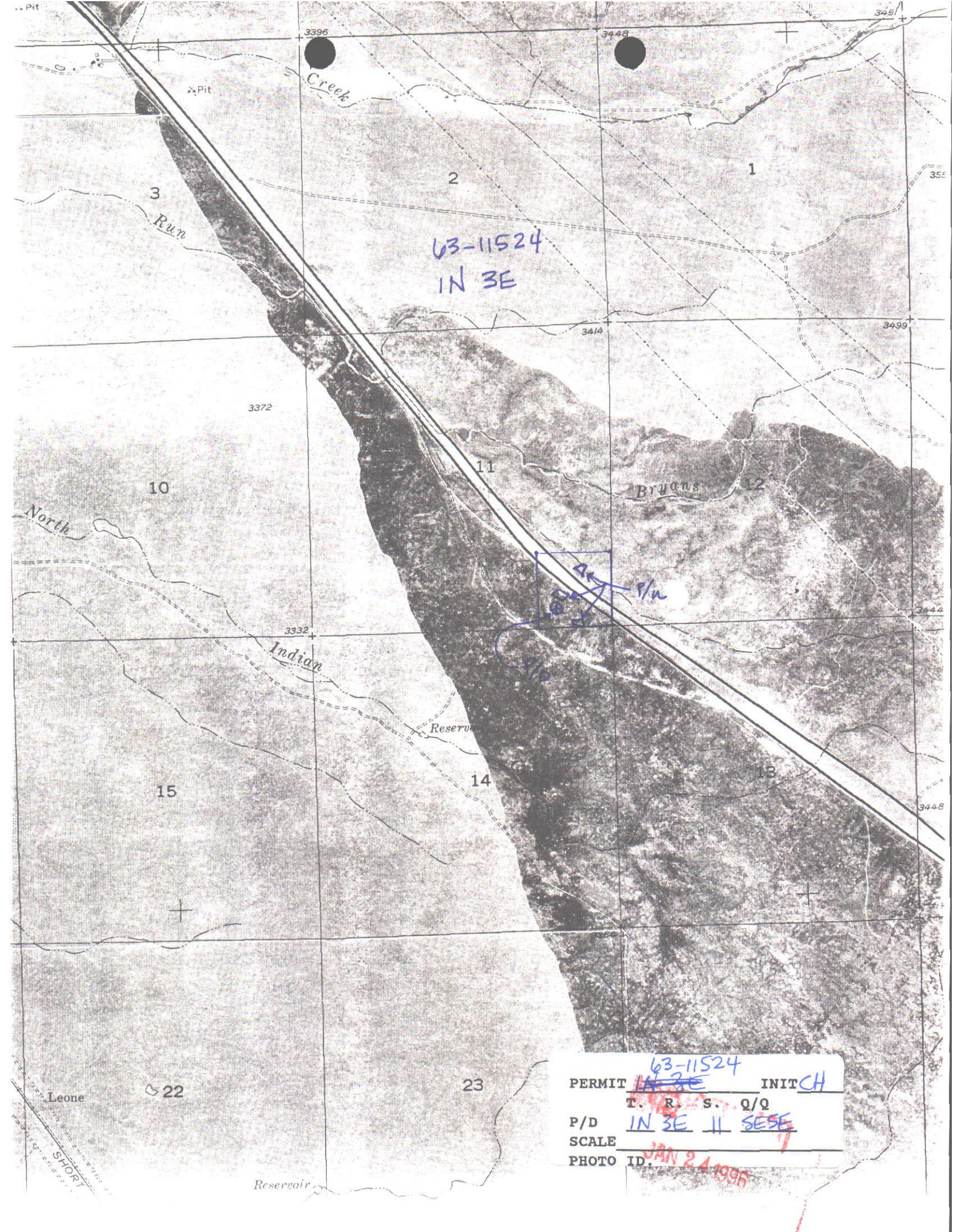
D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements: Pump test 78 gpm @ 50 psi
 Holding tank non-pressurized. 2 psi discharge.
 Well log: PL = 750'

JAN 24 1996



63-11524
IN 3E

IN 3E
P/U

PERMIT	63-11524 IN 3E	INITIALS
P/D	T. R. S. Q/Q IN 3E II SESE	
SCALE		
PHOTO ID.	JAN 24 1996	

8. POSSIBLE CONTAMINATION SOURCES:

Is there evidence of Chemigation? Yes No

If yes, is there a check-valve present? Yes No

Is there a possible source of contamination nearby? Yes No

If yes, what Type? Shallow injection drain from parking area

How far away from the well is this source? 10 feet

9. REMARKS: Not likely a big concern. Well Surface Seal to 80',

Clay profile at 145', Screen Set at 863', TD=1000.

SWL = 1687'. Water bearing zone 720-893'

840

C. Hodges
Signature of Dept. Representative & Title

10/8/93
Inspection Date

PHOTOS, DRAWINGS, OTHER ATTACHMENTS:



RECEIVED
JAN 24 1996



←
P/D



① Heat pump
boosters (lower
left), right + ②
boosters
(center) &
③ potable storage
pressure
JAN 24 1996
63-11524



main bldg

Plu - Eastbound
Side only.



State Police HQ
+ landscaped
area

RECEIVED
JAN 24 1996

63-11524

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 63-11524

Priority: April 17, 1991

Maximum Diversion Rate: 0.11 CFS
Maximum Diversion Volume: 42.8 AF

This is to certify, that STATE OF IDAHO
DEPT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PO BOX 7129
BOISE ID 83720

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated April 17, 1991; and has submitted Proof of Beneficial Use on June 30, 1993. An examination indicates that the works have a diversion capacity of 0.140 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>
DOMESTIC	01/01 to 12/31	0.11 CFS	42.8 AF

LOCATION OF POINT(S) OF DIVERSION: SESE , Sec. 11, Township 01N, Range 03E
ADA County

PLACE OF USE: DOMESTIC
TWN RGE SEC
01N 03E 11 SESE

CONDITIONS OF APPROVAL AND 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. Water used under this right if discharged into a natural channel or subsurface system shall meet Idaho Water Quality Standards.
6. Place of use is known as the East Boise Port of Entry.
7. Domestic use is for domestic, heating and cooling needs for 3 office buildings.

APR 24 1991

14824

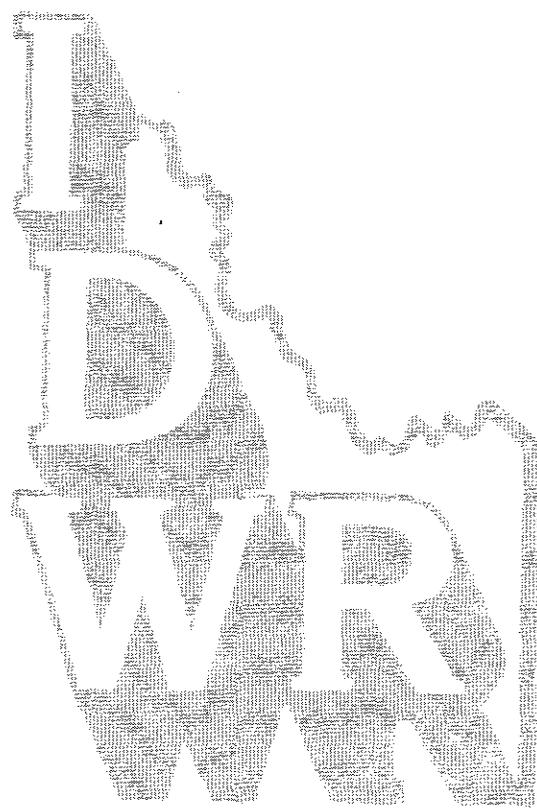
State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 63-11524

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 14th
day of DECEMBER, 1995.


Acting for KARL J. DREHER, Director



State of Idaho
Department of Water Resources
Permit To Appropriate Water

NO. 63-11524

Proposed Priority: April 17, 1991 Maximum Diversion Rate: 0.11 CFS
This is to certify, that STATE OF IDAHO

DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
P.O. BOX 7129
BOISE, ID 83720

has applied for a permit to appropriate water from: GROUNDWATER
and a permit is APPROVED for development of water as follows:

BENEFICIAL USE PERIOD OF USE RATE OF DIVERSION

DOMESTIC 01/01 to 12/31 0.11 CFS

LOCATION OF POINT(S) OF DIVERSION: SWSESE Sec. 11, Township 01N, Range 03E
ADA County

PLACE OF USE: DOMESTIC

TWN RGE SEC

01N 03E 11 SESE

CONDITIONS/REMARKS:

1. Proof of construction of works and application of water to beneficial use shall be submitted on or before July 1, 1993.
2. Subject to all prior water rights.
3. Project construction shall commence within one year from the date of permit issuance and shall proceed diligently to completion unless it can be shown to the satisfaction of the Director of the Department of Water Resources that delays were due to circumstances over which permit holder had no control.
4. Permit holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code.
5. Domestic use is for 3 office spaces.

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

20th day of June, 1991.

R. Keith Higginson
for R. Keith Higginson, Director

JUL 15 1991

RECEIVED
JUN 30 1993
Department of Water Resources

W.E.

OFFICE USE ONLY
Amt. of Fee \$ 50.00
Date 6-30-93
Receipt No. C028018
Receipt by CA

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

RECEIVED
JUN 22 1993

PROOF OF BENEFICIAL USE

Department of Water Resources

The Idaho Department of Water Resources considers this form 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, when necessary, or a completed field examination report prepared by a certified water right examiner who has been appointed by the department.

1. Permit No. 63-11524 Telephone No. 334-8350

2. Name(s) of Permit Holder(s): State of Idaho, Department of Transportation

3. Mailing Address: PO Box 7129, Boise ID 83720

4. Source of Water: Groundwater Well

If **GROUNDWATER**, Well Driller's Name: W.E. Stevens & Sons Date Drilled: Aug. 1988

OPTIONAL:

Pump horsepower: 30 Pressure (psi): 50-60 Dynamic pumping level (ft.): _____

5. Extent of Use (as authorized by the permit):

Domestic 3 offices (No. of households) Stockwater _____ (No. and type of stock)

Irrigation _____ (No. of acres) Other _____

6. Total rate and/or volume for which proof is submitted 0.16 cfs OR _____ acre/feet

7. Refer to the approval conditions on your permit and respond accordingly:

Measuring device: Required? ___ Yes ✓ No Installed? ___ Yes ___ No

OR

Flow Measurement Port: Required? ___ Yes ✓ No Installed? ___ Yes ___ No

8. Fee Enclosed: \$ _____ (See License Fee Schedule on back of Instruction Sheet)

9. Person to contact to accompany the Department representative during field examination of the water system.

Paul P. King 334-8349 Dist 3 Maintenance Section
Name Telephone No PO Box 8028
8150 Chinden Blvd. Boise ID 83714
Address Boise ID 83707-2028

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.

Leroy Meyer

JUL 08 1993

LEROEY MEYER, P.E., District Engineer - Idaho Transportation Department - June 18, 1993
Date Signature (and title, if on behalf of a company or organization)

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

1. Name of applicant Idaho Transportation Dept. c/o Dennis Clark Phone 334-8335

Post office address P.O. BOX 8028 Boise, Idaho 83707

2. Source of water supply Ground Water which is a tributary of NA

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

Sec. 11 Township 1N Range 3E B.M. Ada County; additional

points of diversion if any: _____

4. Water will be used for the following purposes:

Amount 0.11 for Domestic purposes from Jan. 1 to Dec. 31 (both dates inclusive)
(cfs or acre-feet per annum)

Amount 0.22 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) 0.33 cubic feet per second and/or (b) _____ acre feet per annum

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. Well

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 8 inches inches; proposed depth of well is 1000 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 2 years (minimum 1 year).

RECEIVED
JUL 15 1991

RECEIVED
APR 17 1991

* cold water well - used for water heater - classified as domestic use - confirmed with Dennis Clark 4/24/91. LW
Department of Water Resources
Western Regional Office

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. 3 OFFICE SPACES
 - e. Other; describe fully. Public-Port of Entry/Truck Weigh Station at milepost 66.6 on I-84. Purpose of water is to: 1) Serve the domestic needs and 2) provide water to air heat pump for heating and cooling the building. (re: East Boise Port of Entry, ITD project IR-84-2(024)61, key 3236)
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													
1N	3E	11																	D/C/A 4/26/91

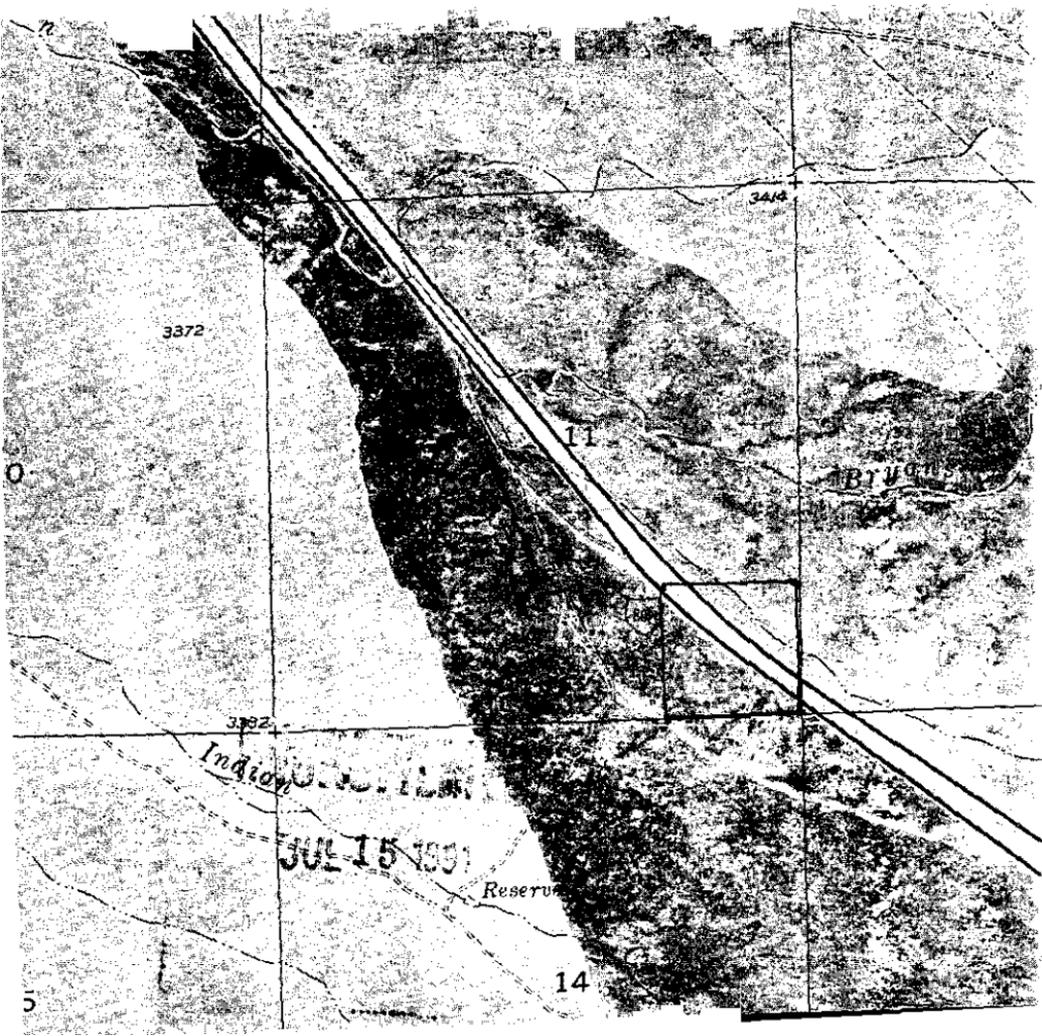
Total number of acres to be irrigated _____

10. Describe any other water rights used for the same purposes as described above. None
11. a. Who owns the property at the point of diversion? State of Idaho-Idaho Transportation Dept.
 b. Who owns the land to be irrigated or place of use? State of Idaho-Idaho Transportation Dept.
 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: The spent water from the heating and cooling operations will be disposed of in existing drainages.

RECORDED

JUL 15 1991

* well would serve same purposes as 3 office spaces. Confirmed with Dennis Clark 6/24/91 CW



3372

3414

11

BYGONES

3392

Indian Reservation

JUL 15 1901

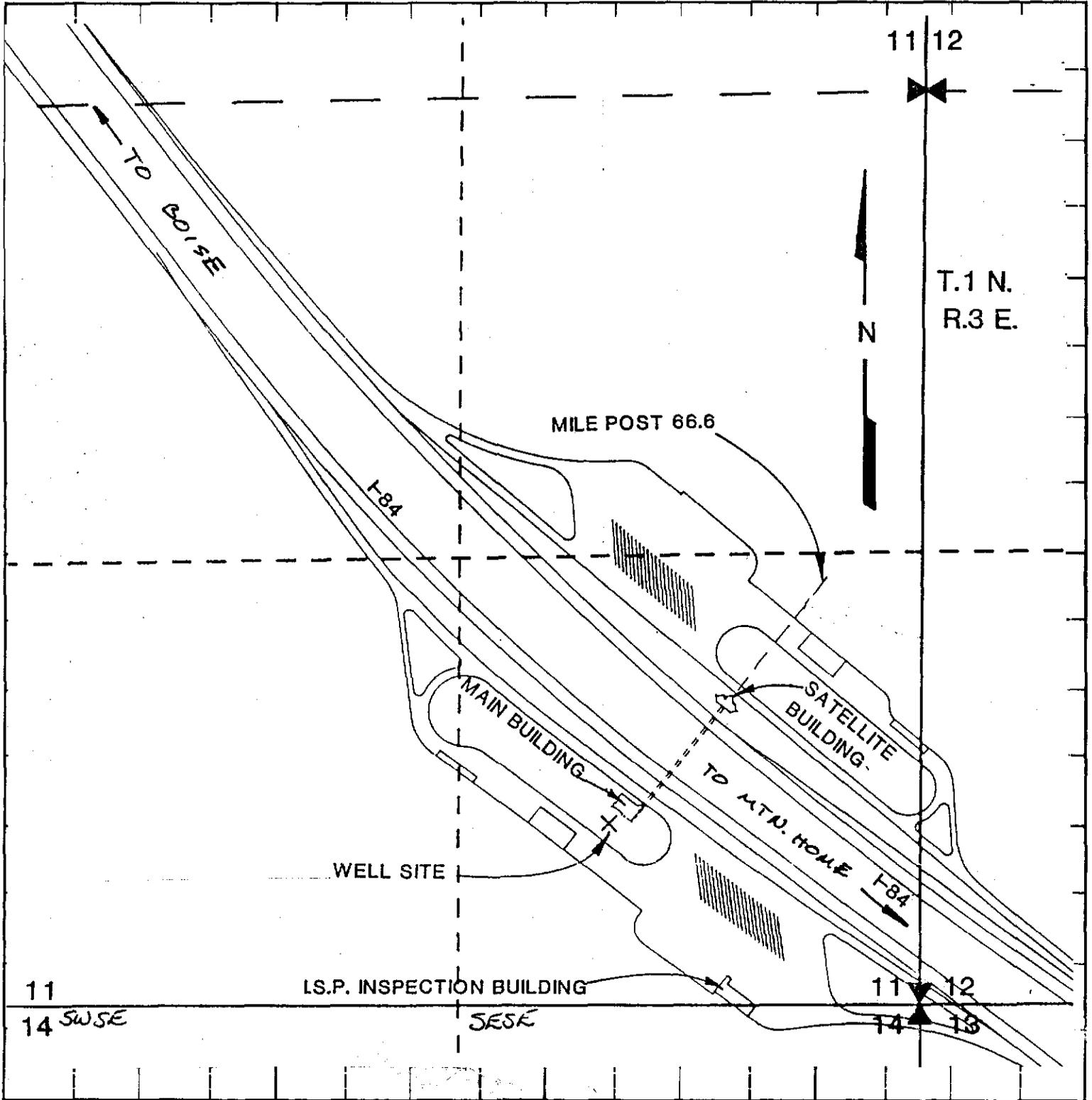
Reserva

14

0

5

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



Scale: ~~XXXXXX~~ 1"=40'

JUL 15 1992

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.

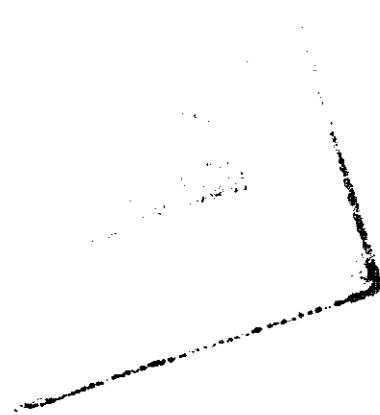
Dennis Clark
 (Applicant)
 District Three Environmental Planner

Received by LW Date 4-17-91 Time 3:00 Preliminary check by LW
Fee \$ 45.00 Received by LW # W013217 Date 4-17-91
Publication prepared by GG Date 5-8-91 Published in ID Statesman
Publication approved st Date 6-3-91 5/16 & 5/23/91

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:





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

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

December 15, 1995

STATE OF IDAHO
DEPT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PO BOX 7129
BOISE ID 83720

RE: WATER RIGHT NO. 63-11524

Dear Water Right Holder(s):

Enclosed is a copy of the Water Right License issued on the above referenced permit. If you have any questions, please contact me within 10 days of receipt of this license.

Sincerely,

A handwritten signature in cursive script that reads "Shelley W. Keen". The signature is written in black ink and is positioned above the typed name and title.

Shelley W. Keen
Water Rights Supervisor

SK:rl

Enclosure

A faint, rectangular stamp or mark located in the lower right quadrant of the page. The text within the stamp is illegible due to fading.

JAN 24 1996

LICENSE REVIEW CHECKLIST

PERMIT NO. 63-11524 DATE 12-12-95



NAME Change OK Or Address Change? _____

PRIORITY DATE _____ Advance? _____ Advanced to: _____
 Order to reinstate needed? _____
 Incorrect fee for rate recommended? _____

SOURCE _____ Changes or just clarification of originally intended source? _____
 Notice of Intent to Void necessary? _____

POINT OF DIV _____ Amendment needed? _____
_____ Overlaps? _____

PLACE OF USE _____ Amendment needed? _____
_____ Overlaps? _____

DIV RATE _____ Permit/fee limits: .11 CFS / DOMESTIC
 Meas Q = .14 Theo Q = _____ Recommend: .11 CFS
104 gal/min = .14
 Combined rates exceed capacity _____

ANNUAL VOLUME _____ Volume Limit: _____ Season: 1-1 to 12-31
39.0 - HEATING Calculations: DOM EXT = .6 HEATING = 39 gf
3.0 - COOLING DOM INT = .2 COOLING = 3 gf
.8 - DOMESTIC (int/external)
42.8 Flow limit: .11 cfs x 365 x 1.9835 = 79.6
 Combined volumes exceed capacity/allowable _____
.11 x 365 x (8/24) x 1.9835 = 26.3 gf

USES _____ Change in Nature of Use or additional uses? _____
 Amendment necessary? _____

ADDITIONAL INFO Supplemental Groundwater _____ PPU Scenario _____
 Irr/Dom Combination _____ Shared G/W System _____

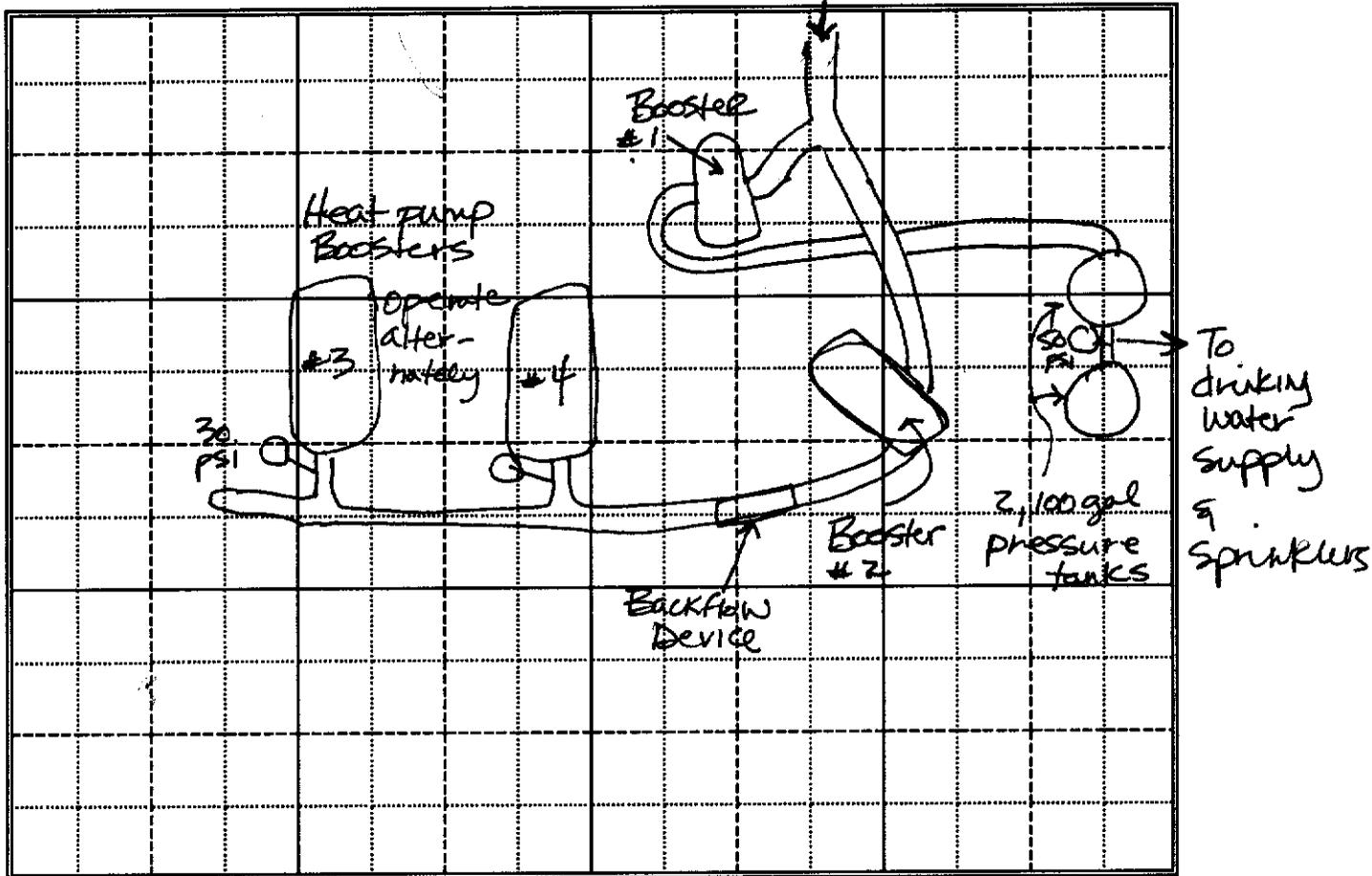
NEW REMARKS _____ Multiple p/d(s) in $\frac{1}{4}$ $\frac{1}{4}$? _____
YES Other KNOWN AS EAST BOISE PORT OF ENTRY.

NEW CONDITIONS _____ Watermaster control - District _____
_____ Measuring/Locking Devices _____
_____ Irrigation Overlap _____
_____ Other _____
YES Water Quality 09E Heat/Cool/Fish verified YES

COMMENTS: _____

RECOMMENDATION	CFS	VOLUME	SRBA Claim Filed	Adjustment Memo Needed
<u>Domestic</u>	<u>.11</u>	<u>42.8</u>	<u>NO</u>	<u>YES</u>
_____	_____	_____	LICENSE	<input checked="" type="checkbox"/>
_____	_____	_____	1ST AMEND LETTER	_____
_____	_____	_____	2ND AMEND LETTER	_____

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable.



Scale: 1" = _____

____ Copy of USGS 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)

____ Photo of Diversion and System Attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
Well	?	30		Submersible	?
Booster #1	Marathon	5		Bell & Gossett	8500 rpm, 50 gpm, 1"
Booster #2	Bell & Gossett	1	M98551	B&G	1736632, 2"

*Code to correspond with No. on map and aerial photo
 Boosters #3 & 4 USEtec 3 B&G 85 gpm, 1800 rpm, 2"

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements: Pump test 78 gpm @ 50 psi
 Holding tank non-pressurized. 2 psi discharge.
 Well log: PL = 750'

E. NARRATIVE/REMARKS/COMMENTS

USE IS at East Boise Port of Entry Station. Domestic use is for employee. Use of heat pump system in 2 weigh station buildings, irrigation of landscaping, and minor use in a State Police building on site. (3 office sites)

Irrigated area: Largest area measures $75 \times 180 = 13500 \text{ft}^2$
Total irrigated areas approx $\frac{1}{2}$ acre, included in domestic use.

(Boosters 394) operate alternately
Heat pump system: Circulating pumps tested at installation @ 64 gpm. Operating times not known but estimated 6-8 hrs/day on yearly basis. (average)

(- per Andrea Paroni, project engineer 334 8333)

Building size 7500 (main) + 650 (satellite) Cinder block
+ 2590 (tunnel) & metal

FF per Sheryl Thorpe:
Employee use: Total 15 people, 2 shifts, 7 days no holidays @ P.O.E. offices

Police Bldg: 2 FT, sporadic; up to 40^{for} Special events (conferences) 1-2 times per year up to 5~~10~~ days
↳ 3 days/week

Flow calculation: Since well discharges into a non-pressurized storage, then relifted for distribution, flows calculated into storage only. Heat pump circulation values used only for heat/cool volume calculations

7 restrooms, 2 shower units, breakroom sink, kitchenette

Have conditions of permit approval been met? yes no

JAN 24 1996

F. FLOW CALCULATIONS

 Additional Computation Sheets Attached

Measured Method:

pump test 78 gpm @ 50 psi = .17 cfs

HP equation (@ 20 psi to storage tank): $\frac{30 \times 8.8 \times 7}{750 + (5 \times 2.31) + 10} = .24 \text{ cfs}$

\uparrow \uparrow \uparrow
 Z P f - friction loss in 4" pump column @ 100 gpm = 1.25' head/100' pipe
 $1.25 \times 7.5 = 9.37$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{\hspace{2cm}}$
 $V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = \underline{\hspace{2cm}}$
 $V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = \underline{\hspace{2cm}}$

2. Volume Calculations for Other Uses:

Dom external = .6 AFA
Dom internal: see attached .2 AFA
Dom internal, other (heat/cool): see attached 33.4 AFA

Total: 34.2 AFA

*

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
<i>DOM</i>	<i>1/1</i>	<i>12/31</i>	<i>.11</i>	<i>34.2</i>
Totals:			<i>.11</i>	<i>34.2</i>

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

I. AUTHENTICATION

Field Examiner's Name _____ Date _____

Reviewer _____ Date _____

* *See attached adjustment memo.*

SEAL
 JAN 24 1996

MEMORANDUM

TO: File 63-11524 / Department of Transportation
FROM: Brenda Chapman
DATE: December 12, 1995
RE: Recommendation Adjustment(s)

=====

The final licensing recommendations for Right 63-11524 are based on the information below:

G. VOLUME CALCULATIONS

According to the heating and cooling calculations for these 3 buildings, the volume recommendation exceeds what it would be if the system were to run 8 hrs/day 365 days per year. Recommending the amount needed to maintain adequate comfort levels does not exceed the permit parameters or what the rate of flow will produce.

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use	Rate of Div	Annual Vol
Domestic	1-01 to 12-31	.11	42.8

RECEIVED
DEC 14 1995

63-11524 Volume Calculations

① Domestic Internal, employee use

- 15 F.T. employees on 2 Shifts @ Port of Entry facility
(Shifts run 7 days but no holidays. State employees 260 workdays - 10 holidays)

$$15 \text{ emp} \times 250 \text{ work days/yr} \times 15 \text{ gal/emp workday} = 56,250 \text{ gal/yr}$$

- 2 F.T. employees @ State police facility
(in-office avg 3 days per week)

$$2 \text{ emp} \times 156 \text{ days/yr} \times 15 \text{ gal/emp day} = 4680 \text{ gal/yr}$$

$$56,250 \text{ gal/yr} + 4680 \text{ gal/yr} = 60,930 \text{ gal/yr}$$

$$V_R = .186 \text{ AFA}$$

$$= .2 \text{ AFA}$$

② Domestic internal, heat/cool (@ P.O.E. site only)

Heat pump circulating pumps tested at installation

* .64 gpm or .14 cfs. 2 pumps run alternately, avg 8 hrs day all year

$$V_R = \text{See attached } 42 \text{ AFA}$$

$$V_D = .14 \frac{\text{cfs}}{\text{cfs}} \times 365 \frac{\text{day/yr}}{\text{day}} \times \frac{8 \text{ hrs/day}}{24 \text{ hrs/day}} \times 1.9835 = 33.4 \text{ AFA}$$

Diverted volume is smaller but is also a reasonable amount based on required calculated volumes.

There may be supplemental electric heating available.

* See attached adjustment memo. RC

RESIDENTIAL SPACE HEATING/COOLING REQUIREMENTS
FOR COLD OR GEOTHERMAL SOURCES

(VR)

Worksheet created by Cindy Hodges, 11/93.

Data entered by: Cindy Hodges
Exam Date: 10-8-93
File No: 63-11534
Computations for: HEATING
Domestic - East Boise Port of Entry Station

REQUIRED DATA:

Area of livable floor space, ft² (A) 10740
2 story? (N=1, Y=2) 2
House efficiency factor (e) * 0.28
Inside design temperature (Ti) 70
Average outside temperature (To) ** 4
Source temperature, degrees F (S) 78
Heating/cooling days per season (D) 200
Hours/day system operates (H) 8

* e values are as follows:

- 0.28 Best energy efficiency - extra insulation, caulked and weatherstripped, with storm windows and doors
- 0.44 Better energy efficiency - standard insulation, caulked and weatherstripped, with storm windows and/or doors
- 0.67 Average residence - standard insulation, no weatherproofing but with storm windows or double panes
- 1.11 Poor energy efficiency - minimal insulation, no weatherproofing or storm windows (older homes, shops or greenhouses)

** Suggested average outside temperatures:

WINTER		SUMMER	
4 deg F	Boise	80 deg F	Boise
6 deg F	Grand View	90 deg F	Grand View
-8 deg F	Cascade	70 deg F	Cascade

CALCULATED DATA:

DESIGN HEAT LOAD (BTU/hr required)

Formula: $E = [e \times (T_i - T_o)] A$
Applies factor of 0.8 for two-story dwelling

E = 158,780 BTU/hour

TEMPERATURE DROP ACROSS SYSTEM

Formula: $T_s = 0.3 \times [S - T_i]$

Ts = 2.4 degrees F

FLOW RATE REQUIRED (at given source temperature)

Formula: $Q = E / (500 \times T_s) \times 448.8$

Q = 0.29 cfs

DIVERTED VOLUME OVER SEASON

Formula: $V_{div} = Q \times D \times H / 24 \times 1.9835$

Vdiv = 39.0 AFA

JAN 24 1994

RESIDENTIAL SPACE HEATING/COOLING REQUIREMENTS
FOR COLD OR GEOTHERMAL SOURCES

(VR)

Worksheet created by Cindy Hodges, 11/93.

Data entered by: Cindy Hodges
Exam Date: 10-8-93
File No: 63-11534
Computations for: COOLING
Domestic - East Boise Port of Entry Station

REQUIRED DATA:

Area of livable floor space, ft2 (A) 10740
2 story? (N=1, Y=2) 2
House efficiency factor (e) * 0.28
Inside design temperature (Ti) 70
Average outside temperature (To) ** 80
Source temperature, degrees F (S) 78
Heating/cooling days per season (D) 100
Hours/day system operates (H) 8

* e values are as follows:

- 0.28 Best energy efficiency - extra insulation, caulked and weatherstripped, with storm windows and doors
- 0.44 Better energy efficiency - standard insulation, caulked and weatherstripped, with storm windows and/or doors
- 0.67 Average residence - standard insulation, no weatherproofing but with storm windows or double panes
- 1.11 Poor energy efficiency - minimal insulation, no weatherproofing or storm windows (older homes, shops or greenhouses)

** Suggested average outside temperatures:

WINTER		SUMMER	
4 deg F	Boise	80 deg F	Boise
6 deg F	Grand View	90 deg F	Grand View
-8 deg F	Cascade	70 deg F	Cascade

CALCULATED DATA:

DESIGN HEAT LOAD (BTU/hr required)

Formula: $E = [e \times (T_i - T_o)] A$
Applies factor of 0.8 for two-story dwelling

E = 24,058 BTU/hour

TEMPERATURE DROP ACROSS SYSTEM

Formula: $T_s = 0.3 \times [S - T_i]$

Ts = 2.4 degrees F

FLOW RATE REQUIRED (at given source temperature)

Formula: $Q = E / (500 \times T_s) \times 448.8$

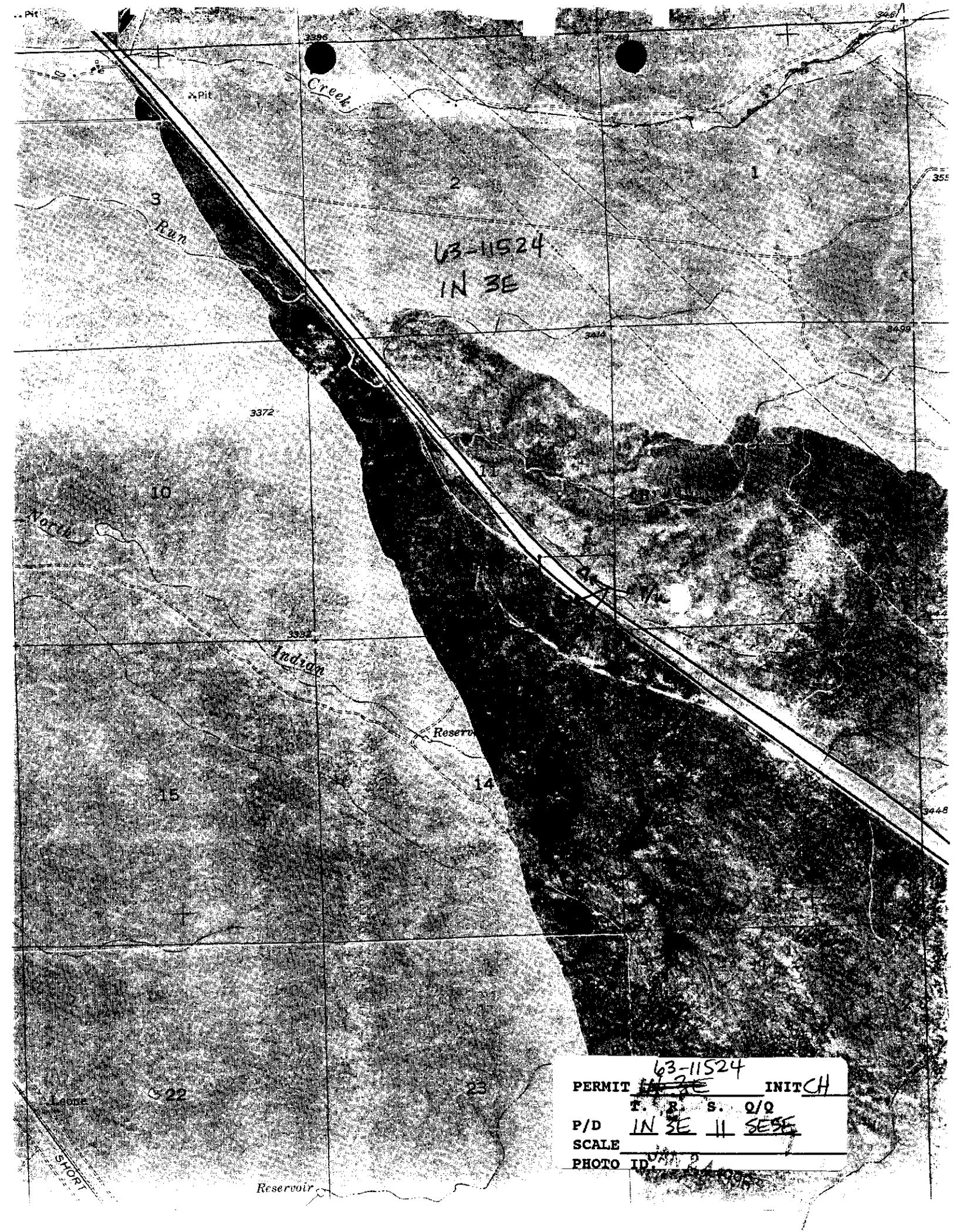
Q = 0.04 cfs

DIVERTED VOLUME OVER SEASON

Formula: $V_{div} = Q \times D \times H / 24 \times 1.9835$

Vdiv = 3.0 AFA

JAN 24 1996



3596

X PIT

Creek

2

1

3 Run

63-11524
IN 3E

3372

10

North

Indian

Reservoir

14

15

23

522

Leont

STORT

Reservoir

63-11524
 PERMIT ~~IN 3E~~ INITCH
 T. R. S. Q/Q
 P/D IN 3E || SESE
 SCALE _____
 PHOTO ID. ~~11524~~ 11524

ORIGINAL TO G.W. PROTECTION
IDAHO DEPARTMENT OF WATER RESOURCES

WELL INSPECTION FORM

1. DRILLING PERMIT NO: 63-87-2-077 OTHER APPLICABLE NO: 63-11524

2. OWNER: (E. Boise Part of Entry)
Idaho Trans. Dept Phone: ☎
Address: _____

3. WELL LOCATION: Twp (I-84) IN, Rge. 3E, Sec. 11, SE 1/4 SE 1/4
County ADA (Provide sketch map and photo on reverse.)

4. DRILLER: Stevens Lic. No. 153
When Drilled? 6/23/88

5. WELL CONSTRUCTION: TD = 1000
Casing Diameter 8 inches Water tight cap? Yes No Access Port: Yes No
Casing \geq 12 inches above ground? Yes No - Describe _____
Depth of Casing 904 ft. Method Drilled Cable
Condition of Well Casing: Good Fair Poor Describe _____
Control Valve: Yes No Pressure Gauge: Yes No
Condition of Piping and Valving OK
Auger to a depth of _____ ft. Evidence of Annular Seal Yes No
Are there obvious construction problems that may be a source for contamination or waste of water?
 Yes No (Describe in Remarks and Attach Photo - On Reverse)

6. HYDROLOGIC INFORMATION:
Depth to Static Water 687 ft. Water Temperature _____ °F
Flowing Artesian Yes No Pressure: _____ (psi)
Water Sample Taken? Yes No If yes, describe purpose _____
Water Quality Measurements/Observations (Describe) _____

7. WELL USE:
 Domestic/Commercial Irrigation ~1/2 ac Stock
 Test Municipal Industrial
 Abandoned Waste Disposal/Injection Not Used
 Other: _____

JAN 2 1989

8.

POSSIBLE CONTAMINATION SOURCES:

Is there evidence of Chemigation? Yes No

If yes, is there a check-valve present? Yes No

Is there a possible source of contamination nearby? Yes No

If yes, what type? Shallow injection drain from parking area

How far away from the well is this source? 10 feet

9.

REMARKS: Not likely a big concern. Surface seal to 80' well

Many prefer of 14" screen set of 863' TD=1000.

SWC=1087'. Water bearing zone 770-893'

880

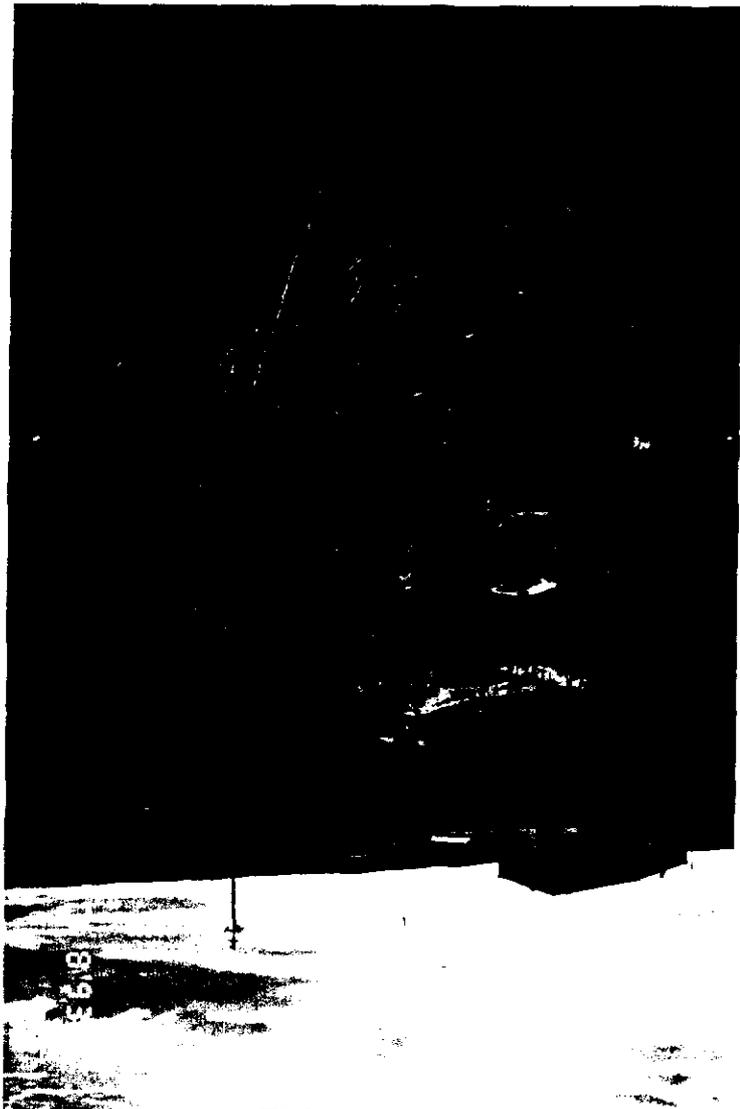
Signature of Dept. Representative & Title

G. Hodges

Inspection Date

10/8/93

PHOTOS, DRAWINGS, OTHER ATTACHMENTS:



JAN 24 1996

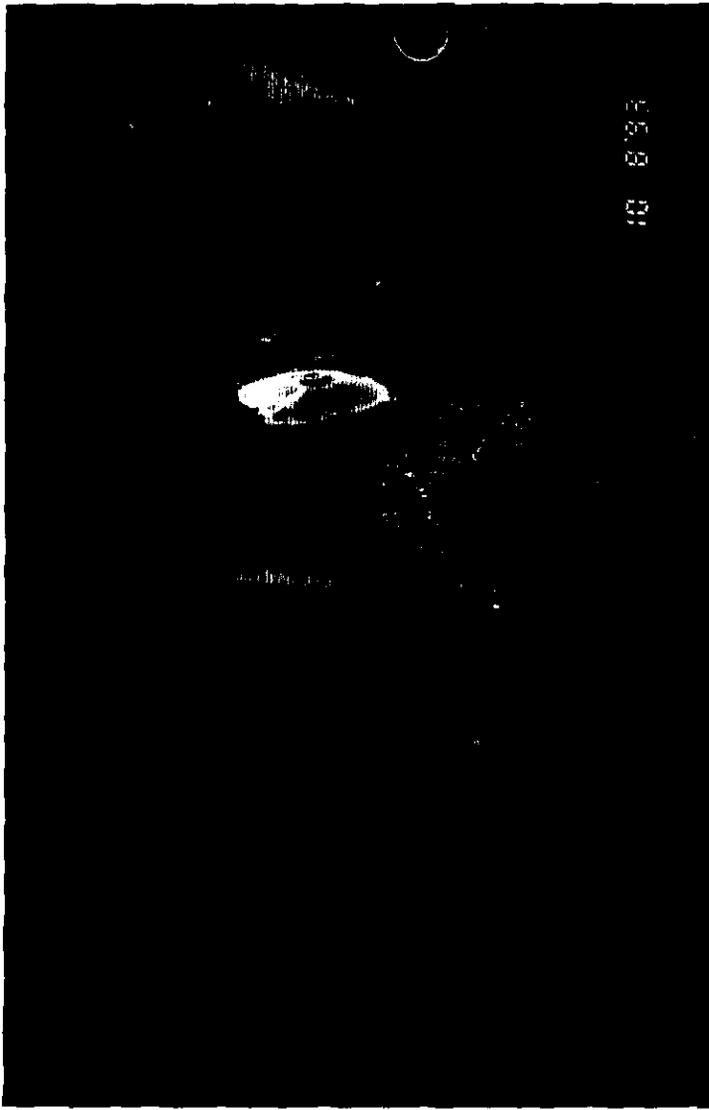
STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

USE TYPEWRITER OR
BALLPOINT PEN

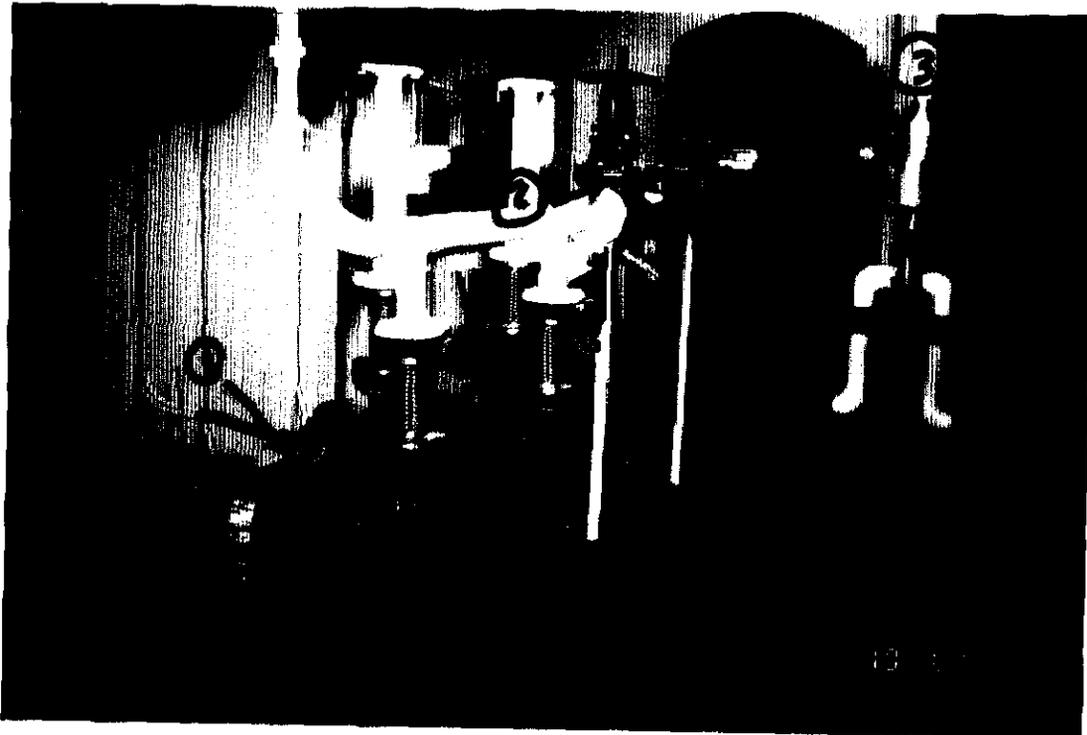
State law requires that this report be filed with the Director, Department of Water Resources
within 30 days after the completion or abandonment of the well.

RECEIVED
JUL 26 1988

<p>1. WELL OWNER</p> <p>Name <u>State of Idaho-Transportation Dept</u></p> <p>Address <u>Statehouse Mail Box 8028</u></p> <p>Owner's Permit No. <u>63-87-2 077</u></p>	<p>7. WATER LEVEL</p> <p>Department of Water Resources</p> <p>Static water level <u>687</u> feet below land surface.</p> <p>Flowing? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No G.P.M. flow _____</p> <p>Artesian closed-in pressure _____ p.s.i.</p> <p>Controlled by: <input type="checkbox"/> Valve <input type="checkbox"/> Cap <input type="checkbox"/> Plug</p> <p>Temperature <u>78</u> °F. Quality <u>RECEIVED</u></p> <p><small>Describe artesian or temperature zones below.</small></p>																																																																																																																																																																																																																
<p>2. NATURE OF WORK</p> <p><u>6310530</u> <u>(lapsed?)</u></p> <p><input checked="" type="checkbox"/> New well <input type="checkbox"/> Deepened <input type="checkbox"/> Replacement</p> <p><input type="checkbox"/> Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)</p>	<p>8. WELL TEST DATA</p> <p><input checked="" type="checkbox"/> Pump <input type="checkbox"/> Bailor <input type="checkbox"/> Air <input type="checkbox"/> Other</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Discharge G.P.M.</th> <th>Pumping (ft/min)</th> <th>Feet Pumped</th> </tr> </thead> <tbody> <tr> <td>38</td> <td>738</td> <td>2</td> </tr> <tr> <td>45</td> <td>748</td> <td>2</td> </tr> <tr> <td>55</td> <td>755</td> <td>4</td> </tr> </tbody> </table>	Discharge G.P.M.	Pumping (ft/min)	Feet Pumped	38	738	2	45	748	2	55	755	4																																																																																																																																																																																																				
Discharge G.P.M.	Pumping (ft/min)	Feet Pumped																																																																																																																																																																																																															
38	738	2																																																																																																																																																																																																															
45	748	2																																																																																																																																																																																																															
55	755	4																																																																																																																																																																																																															
<p>3. PROPOSED USE</p> <p><input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Irrigation <input type="checkbox"/> Test <input type="checkbox"/> Municipal</p> <p><input type="checkbox"/> Industrial <input type="checkbox"/> Stock <input type="checkbox"/> Waste Disposal or Injection</p> <p><input type="checkbox"/> Other _____ (specify type)</p>	<p>9. LITHOLOGIC LOG</p> <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>12</td><td>0</td><td>clay topsoil</td><td></td><td>X</td></tr> <tr><td></td><td></td><td>2</td><td>hardpan & lava boulders</td><td></td><td>X</td></tr> <tr><td></td><td></td><td>4</td><td>brown sand, clay & lava bou.</td><td></td><td>X</td></tr> <tr><td></td><td></td><td>55</td><td>cemented brown sand & gravel</td><td></td><td>X</td></tr> <tr><td></td><td></td><td>60</td><td>loose brown sand & gravel</td><td></td><td>X</td></tr> <tr><td></td><td></td><td>63</td><td>cemented sand & gravel & clay streaks</td><td></td><td>X</td></tr> <tr><td></td><td></td><td>116</td><td>sand & gravel</td><td></td><td>X</td></tr> <tr><td></td><td></td><td>126</td><td>sandy clay & gravel</td><td></td><td>X</td></tr> <tr><td></td><td></td><td>130</td><td>cemented sand & sandy clay</td><td></td><td>X</td></tr> <tr><td></td><td></td><td>145</td><td>brown clay</td><td></td><td>X</td></tr> <tr><td></td><td></td><td>148</td><td>cemented gravel</td><td></td><td>X</td></tr> <tr><td></td><td></td><td>175</td><td>cemented sand</td><td></td><td>X</td></tr> <tr><td></td><td></td><td>204</td><td>sandy clay</td><td></td><td>X</td></tr> <tr><td></td><td></td><td>225</td><td>cemented sand & streaks clay</td><td></td><td>X</td></tr> <tr><td></td><td></td><td>245</td><td>sandy clay & gravel</td><td></td><td>X</td></tr> <tr><td></td><td></td><td>410</td><td>sand & fine gravel</td><td></td><td>X</td></tr> <tr><td></td><td></td><td>455</td><td>sandy clay</td><td></td><td>X</td></tr> <tr><td></td><td></td><td>460</td><td>cemented sand</td><td></td><td>X</td></tr> <tr><td></td><td></td><td>500</td><td>sandy clay</td><td></td><td>X</td></tr> <tr><td></td><td></td><td>558</td><td>sand & fine gravel</td><td></td><td>X</td></tr> <tr><td></td><td></td><td>600</td><td>sandy clay</td><td></td><td>X</td></tr> <tr><td></td><td></td><td>628</td><td>sand</td><td></td><td>X</td></tr> <tr><td></td><td></td><td>661</td><td>sand & gravel</td><td></td><td>X</td></tr> <tr><td></td><td></td><td>665</td><td>sandy brown clay</td><td></td><td>X</td></tr> <tr><td></td><td></td><td>720</td><td>dirty sand, clay streaks</td><td></td><td>X</td></tr> <tr><td></td><td></td><td>750</td><td>sandy clay</td><td></td><td>X</td></tr> <tr><td></td><td></td><td>775</td><td>brown clay</td><td></td><td>X</td></tr> <tr><td></td><td></td><td>802</td><td>sand & clay streaks</td><td></td><td>X</td></tr> <tr><td></td><td></td><td>820</td><td>clay with sand streaks</td><td></td><td>X</td></tr> <tr><td></td><td></td><td>870</td><td>cemented sand</td><td></td><td>X</td></tr> <tr><td></td><td></td><td>879</td><td>sand & clay streaks</td><td></td><td>X</td></tr> <tr><td></td><td></td><td>893</td><td>clay</td><td></td><td>X</td></tr> <tr><td></td><td></td><td>1000</td><td></td><td></td><td>X</td></tr> </tbody> </table>	Bore Diam.	Depth		Material	Water		From	To	Yes	No		12	0	clay topsoil		X			2	hardpan & lava boulders		X			4	brown sand, clay & lava bou.		X			55	cemented brown sand & gravel		X			60	loose brown sand & gravel		X			63	cemented sand & gravel & clay streaks		X			116	sand & gravel		X			126	sandy clay & gravel		X			130	cemented sand & sandy clay		X			145	brown clay		X			148	cemented gravel		X			175	cemented sand		X			204	sandy clay		X			225	cemented sand & streaks clay		X			245	sandy clay & gravel		X			410	sand & fine gravel		X			455	sandy clay		X			460	cemented sand		X			500	sandy clay		X			558	sand & fine gravel		X			600	sandy clay		X			628	sand		X			661	sand & gravel		X			665	sandy brown clay		X			720	dirty sand, clay streaks		X			750	sandy clay		X			775	brown clay		X			802	sand & clay streaks		X			820	clay with sand streaks		X			870	cemented sand		X			879	sand & clay streaks		X			893	clay		X			1000			X
Bore Diam.	Depth		Material	Water																																																																																																																																																																																																													
	From	To		Yes	No																																																																																																																																																																																																												
	12	0	clay topsoil		X																																																																																																																																																																																																												
		2	hardpan & lava boulders		X																																																																																																																																																																																																												
		4	brown sand, clay & lava bou.		X																																																																																																																																																																																																												
		55	cemented brown sand & gravel		X																																																																																																																																																																																																												
		60	loose brown sand & gravel		X																																																																																																																																																																																																												
		63	cemented sand & gravel & clay streaks		X																																																																																																																																																																																																												
		116	sand & gravel		X																																																																																																																																																																																																												
		126	sandy clay & gravel		X																																																																																																																																																																																																												
		130	cemented sand & sandy clay		X																																																																																																																																																																																																												
		145	brown clay		X																																																																																																																																																																																																												
		148	cemented gravel		X																																																																																																																																																																																																												
		175	cemented sand		X																																																																																																																																																																																																												
		204	sandy clay		X																																																																																																																																																																																																												
		225	cemented sand & streaks clay		X																																																																																																																																																																																																												
		245	sandy clay & gravel		X																																																																																																																																																																																																												
		410	sand & fine gravel		X																																																																																																																																																																																																												
		455	sandy clay		X																																																																																																																																																																																																												
		460	cemented sand		X																																																																																																																																																																																																												
		500	sandy clay		X																																																																																																																																																																																																												
		558	sand & fine gravel		X																																																																																																																																																																																																												
		600	sandy clay		X																																																																																																																																																																																																												
		628	sand		X																																																																																																																																																																																																												
		661	sand & gravel		X																																																																																																																																																																																																												
		665	sandy brown clay		X																																																																																																																																																																																																												
		720	dirty sand, clay streaks		X																																																																																																																																																																																																												
		750	sandy clay		X																																																																																																																																																																																																												
		775	brown clay		X																																																																																																																																																																																																												
		802	sand & clay streaks		X																																																																																																																																																																																																												
		820	clay with sand streaks		X																																																																																																																																																																																																												
		870	cemented sand		X																																																																																																																																																																																																												
		879	sand & clay streaks		X																																																																																																																																																																																																												
		893	clay		X																																																																																																																																																																																																												
		1000			X																																																																																																																																																																																																												
<p>4. METHOD DRILLED</p> <p><input type="checkbox"/> Rotary <input type="checkbox"/> Air <input type="checkbox"/> Hydraulic <input type="checkbox"/> Reverse rotary</p> <p><input checked="" type="checkbox"/> Cable <input type="checkbox"/> Dug <input type="checkbox"/> Other _____</p>	<p>10.</p> <p>1988 Work started <u>4/12/88</u> finished <u>6/23/88</u></p>																																																																																																																																																																																																																
<p>5. WELL CONSTRUCTION</p> <p>Casing schedule: <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other _____</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Thickness</th> <th>Diameter</th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td>250 inches</td> <td>8 inches</td> <td>2 feet</td> <td>865 feet</td> </tr> <tr> <td>250 inches</td> <td>6 inches</td> <td>843'6" feet</td> <td>863'6" feet</td> </tr> <tr> <td>250 inches</td> <td>6 inches</td> <td>891'10" feet</td> <td>904'10" feet</td> </tr> </tbody> </table> <p>Was casing drive shoe used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Was a packer or seal used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No 6" pipe 21'</p> <p>Perforated? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 822'6"-843'6"</p> <p>How perforated? <input type="checkbox"/> Factory <input type="checkbox"/> Knife <input type="checkbox"/> Torch</p> <p>Size of perforation _____ inches by _____ inches</p> <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> <p>Well screen installed? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Manufacturer's name <u>Johnson</u></p> <p>Type <u>stainless steel</u> Model No. <u>304</u></p> <p>Diameter <u>6</u> Slot size <u>30</u> Set from <u>863'6"</u> feet to <u>894'10"</u> feet</p> <p>Gravel packed? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Size of gravel <u>8-12</u> sand</p> <p>Placed from <u>843'6"</u> feet to <u>863'6"</u> feet</p> <p>Surface seal depth <u>80</u> Material used in seal: <input type="checkbox"/> Cement grout <input checked="" type="checkbox"/> Bentonite <input type="checkbox"/> Puddling clay <input type="checkbox"/> _____</p> <p>Sealing procedure used: <input checked="" type="checkbox"/> Slurry pit <input checked="" type="checkbox"/> Temp. surface casing <input checked="" type="checkbox"/> Overbore to seal depth</p> <p>Method of joining casing: <input type="checkbox"/> Threaded <input checked="" type="checkbox"/> Welded <input type="checkbox"/> Solvent Weld</p> <p><input type="checkbox"/> Cemented between strata</p> <p>Describe access port _____</p>	Thickness	Diameter	From	To	250 inches	8 inches	2 feet	865 feet	250 inches	6 inches	843'6" feet	863'6" feet	250 inches	6 inches	891'10" feet	904'10" feet	Number	From	To	_____ perforations	_____ feet	_____ feet	_____ perforations	_____ feet	_____ feet	_____ perforations	_____ feet	_____ feet	<p>11. DRILLERS CERTIFICATION</p> <p>I certify that all minimum well construction standards were complied with at the time the rig was removed.</p> <p>Firm Name <u>W.E. Stevens & Sons</u> No. <u>153</u></p> <p>Address <u>3709 Hawthorne Dr</u> Date <u>6/26/88</u></p> <p>Signed by (Firm Official) <u>[Signature]</u></p> <p>and (Operator) <u>[Signature]</u></p>																																																																																																																																																																																				
Thickness	Diameter	From	To																																																																																																																																																																																																														
250 inches	8 inches	2 feet	865 feet																																																																																																																																																																																																														
250 inches	6 inches	843'6" feet	863'6" feet																																																																																																																																																																																																														
250 inches	6 inches	891'10" feet	904'10" feet																																																																																																																																																																																																														
Number	From	To																																																																																																																																																																																																															
_____ perforations	_____ feet	_____ feet																																																																																																																																																																																																															
_____ perforations	_____ feet	_____ feet																																																																																																																																																																																																															
_____ perforations	_____ feet	_____ feet																																																																																																																																																																																																															
<p>6. LOCATION OF WELL</p> <p>Sketch map location must agree with written location</p> <p>Department of Water Resources</p> <p>Subdivision Name <u>East Boise POE (along I-84)</u></p> <p><u>IR-84-2(33) 66</u></p> <p>Lot No. _____ Block No. _____</p> <p>County <u>Ada</u></p> <p><u>S/E</u> 1/4 <u>S/E</u> 1/4 Sec. <u>11</u>, T. <u>1</u> N. S. R. <u>3</u> E. W.</p>	<p>11. DRILLERS CERTIFICATION</p> <p>I certify that all minimum well construction standards were complied with at the time the rig was removed.</p> <p>Firm Name <u>W.E. Stevens & Sons</u> No. <u>153</u></p> <p>Address <u>3709 Hawthorne Dr</u> Date <u>6/26/88</u></p> <p>Signed by (Firm Official) <u>[Signature]</u></p> <p>and (Operator) <u>[Signature]</u></p>																																																																																																																																																																																																																



←
P/D



① Heat pump
boosters (lower
left), right ②
boosters
(center) ③
potable storage
pressure
JAN 24 1997

63-11524



main bldg

Plu - Eastbound
Side only.



State Police HQ
+ landscaped
area

JAN 24 1996

63-11524

July 2, 1993

STATE OF IDAHO
DEPT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PO BOX 7129
BOISE ID 83720

PROOF ACKNOWLEDGMENT LETTER

RE: PERMIT NO. 63-11524

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.

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

Sincerely,

Karen L. Gustafson
Secretary/Records Manager

c: IDWR - Region

RECEIVED
JUL 08 1993

June 23, 1993

State of Idaho
Department of Transportation
PO Box 7129
Boise, ID 83720

Re: Permit No. 63-11524

Dear Permit Holder:

Returned is the Proof of Beneficial Use form submitted to this office in connection with the above referenced permit. Unfortunately, it is unacceptable as filed. It indicates the total rate of diversion of water to be 0.16 cfs.

When the total maximum rate of diversion is greater than 0.04 cfs, a license examination fee is required to be submitted with the proof. A license examination fee based on a rate of flow of 0.16 cfs is \$50. Note the back of the enclosed instruction sheet/fee schedule.

In order to be in compliance with all of the necessary dates, you will need to return the original proof and the \$50 license exam fee on or before July 1, 1993.

If you have any questions or if I can be of any further assistance, please feel free to contact me.

Sincerely,

Karen L. Gustafson
Secretary/Records Manager

Enclosures

RECEIVED

JUL 08 1993

RECEIVED

OCT 29 1987

State of Idaho
Department of Water Resources

DRILLING PERMIT

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

APPROVED

1. Applicant Idaho Transportation Department, Division of Highways, District Three

2. Address P.O. Box 8028 Boise, Idaho 83707

Re: Proj. IR-84-2(24)61, Key 3236 East Boise Port of Entry

Well Owner Well Operator Other, specify _____

3. Water right permit no. 63-10530; Injection well permit no. _____

4. Proposed well location SW 1/4 SE 1/4 SE 1/4, or Gov't lot No. _____,

Sec. 11, Twp. 1 N, Rge. 3 E, County Ada,

Lot, block and subdivision _____

5. Proposed use of well: (Check all that apply)

Domestic Stockwater Monitoring

Irrigation Industrial Municipal
Minor amount for Landscaping

Injection Other, Specify Heating and Cooling

6. Well construction information:

New well Deepen Replace

Proposed surface diameter 8 inches Proposed depth 1000 feet

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)

7. Anticipated construction start date November 1987

8. Well Driller (if known) _____

Address _____

Date 10-27-87 Applicant's signature J R Dick

Title District Engineer

APPROVED

* After other pre-requisite approvals have been obtained.

JUL 08 1993

ACTION OF IDWR

Approved Denied

63-87-2-077

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. The permit holder or his representative shall notify the Department ten (10) days prior to the start of construction unless good cause for later notification can be shown.
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.

SPECIFIC CONDITIONS:

7. Item 3 above is not required.

Dated this 16th day of November, 1987.

Signed Joh E Beal
 Title SECTION MANAGER
GROUNDWATER PROTECTION

Received by RG/SES Fee \$100.00 Date 11/16/87
 Receipt No. 45683 Construction start date _____
 Construction start extension to 6/30/88
 Extension approved by JBeal

RECORDED
JUL 08 1993

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

USE TYPEWRITER OR
BALLPOINT PEN
RECEIVED
JUL 26 1988

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.

<p>1. WELL OWNER</p> <p>Name <u>State of Idaho-Transportation Dept</u></p> <p>Address <u>Statehouse Mail Box 8028</u></p> <p>Owner's Permit No. <u>63-87-2 077</u></p>	<p>7. WATER LEVEL</p> <p>Department of Water Resources</p> <p>Static water level <u>687</u> feet below land surface.</p> <p>Flowing? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No G.P.M. flow _____</p> <p>Artesian closed-in pressure _____ p.s.i.</p> <p>Controlled by: <input type="checkbox"/> Valve <input type="checkbox"/> Cap <input type="checkbox"/> Plug</p> <p>Temperature <u>78</u> OF. Quality _____</p> <p><i>Describe artesian or temperature zones below.</i></p>																																																																																																																																																																							
<p>2. NATURE OF WORK <u>63-10530</u></p> <p><input checked="" type="checkbox"/> New well <input type="checkbox"/> Deepened <input type="checkbox"/> Replacement</p> <p><input type="checkbox"/> Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)</p>	<p>8. WELL TEST DATA</p> <p><input checked="" type="checkbox"/> Pump <input type="checkbox"/> Bailor <input type="checkbox"/> Air <input type="checkbox"/> Other</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Discharge G.P.M.</th> <th>Pumping Time</th> <th>Water Pumped</th> </tr> <tr> <td><u>38</u></td> <td><u>738</u></td> <td><u>2</u></td> </tr> <tr> <td><u>45</u></td> <td><u>748</u></td> <td><u>2</u></td> </tr> <tr> <td><u>55</u></td> <td><u>755</u></td> <td><u>4</u></td> </tr> </table>	Discharge G.P.M.	Pumping Time	Water Pumped	<u>38</u>	<u>738</u>	<u>2</u>	<u>45</u>	<u>748</u>	<u>2</u>	<u>55</u>	<u>755</u>	<u>4</u>																																																																																																																																																											
Discharge G.P.M.	Pumping Time	Water Pumped																																																																																																																																																																						
<u>38</u>	<u>738</u>	<u>2</u>																																																																																																																																																																						
<u>45</u>	<u>748</u>	<u>2</u>																																																																																																																																																																						
<u>55</u>	<u>755</u>	<u>4</u>																																																																																																																																																																						
<p>3. PROPOSED USE</p> <p><input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Irrigation <input type="checkbox"/> Test <input type="checkbox"/> Municipal</p> <p><input type="checkbox"/> Industrial <input type="checkbox"/> Stock <input type="checkbox"/> Waste Disposal or Injection</p> <p><input type="checkbox"/> Other _____ (specify type)</p>	<p>9. LITHOLOGIC LOG</p> <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 rowspan="2">Water Yes No</th> </tr> <tr> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr><td></td><td>0</td><td>2</td><td>clay topsoil</td><td>X</td></tr> <tr><td></td><td>2</td><td>4</td><td>hardpan & lava boulders</td><td>X</td></tr> <tr><td></td><td>4</td><td>55</td><td>brown sand, clay & lava bou.</td><td>X</td></tr> <tr><td></td><td>55</td><td>60</td><td>cemented brown sand & gravel</td><td>X</td></tr> <tr><td></td><td>60</td><td>63</td><td>loose brown sand & gravel</td><td>X</td></tr> <tr><td></td><td>63</td><td>116</td><td>cemented sand & gravel & clay streaks</td><td>X</td></tr> <tr><td></td><td>116</td><td>126</td><td>sand & gravel</td><td>X</td></tr> <tr><td></td><td>126</td><td>130</td><td>sandy clay & gravel</td><td>X</td></tr> <tr><td></td><td>130</td><td>145</td><td>cemented sand & sandy clay</td><td>X</td></tr> <tr><td></td><td>145</td><td>148</td><td>brown clay</td><td>X</td></tr> <tr><td></td><td>148</td><td>175</td><td>cemented gravel</td><td>X</td></tr> <tr><td></td><td>175</td><td>204</td><td>cemented sand</td><td>X</td></tr> <tr><td></td><td>204</td><td>225</td><td>sandy clay</td><td>X</td></tr> <tr><td></td><td>225</td><td>245</td><td>cemented sand & streaks clay</td><td>X</td></tr> <tr><td></td><td>245</td><td>410</td><td>sandy clay & gravel</td><td>X</td></tr> <tr><td></td><td>410</td><td>455</td><td>sand & fine gravel</td><td>X</td></tr> <tr><td></td><td>455</td><td>460</td><td>sandy clay</td><td>X</td></tr> <tr><td></td><td>460</td><td>500</td><td>cemented sand</td><td>X</td></tr> <tr><td></td><td>500</td><td>558</td><td>sandy clay</td><td>X</td></tr> <tr><td></td><td>558</td><td>600</td><td>sand & fine gravel</td><td>X</td></tr> <tr><td></td><td>600</td><td>628</td><td>sandy clay</td><td>X</td></tr> <tr><td></td><td>628</td><td>661</td><td>sand</td><td>X</td></tr> <tr><td></td><td>661</td><td>665</td><td>sand & gravel</td><td>X</td></tr> <tr><td></td><td>665</td><td>720</td><td>sandy brown clay</td><td>X</td></tr> <tr><td></td><td>720</td><td>750</td><td>dirty sand, clay streaks</td><td>X</td></tr> <tr><td></td><td>750</td><td>775</td><td>sandy clay</td><td>X</td></tr> <tr><td></td><td>775</td><td>802</td><td>brown clay</td><td>X</td></tr> <tr><td></td><td>802</td><td>820</td><td>sand & clay streaks</td><td>X</td></tr> <tr><td></td><td>820</td><td>870</td><td>clay with sand streaks</td><td>X</td></tr> <tr><td></td><td>870</td><td>879</td><td>cemented sand</td><td>X</td></tr> <tr><td></td><td>879</td><td>893</td><td>sand & clay streaks</td><td>X</td></tr> <tr><td></td><td>893</td><td>1000</td><td>clay</td><td>X</td></tr> </tbody> </table>	Bore Diam.	Depth		Material	Water Yes No	From	To		0	2	clay topsoil	X		2	4	hardpan & lava boulders	X		4	55	brown sand, clay & lava bou.	X		55	60	cemented brown sand & gravel	X		60	63	loose brown sand & gravel	X		63	116	cemented sand & gravel & clay streaks	X		116	126	sand & gravel	X		126	130	sandy clay & gravel	X		130	145	cemented sand & sandy clay	X		145	148	brown clay	X		148	175	cemented gravel	X		175	204	cemented sand	X		204	225	sandy clay	X		225	245	cemented sand & streaks clay	X		245	410	sandy clay & gravel	X		410	455	sand & fine gravel	X		455	460	sandy clay	X		460	500	cemented sand	X		500	558	sandy clay	X		558	600	sand & fine gravel	X		600	628	sandy clay	X		628	661	sand	X		661	665	sand & gravel	X		665	720	sandy brown clay	X		720	750	dirty sand, clay streaks	X		750	775	sandy clay	X		775	802	brown clay	X		802	820	sand & clay streaks	X		820	870	clay with sand streaks	X		870	879	cemented sand	X		879	893	sand & clay streaks	X		893	1000	clay	X
Bore Diam.	Depth		Material	Water Yes No																																																																																																																																																																				
	From	To																																																																																																																																																																						
	0	2	clay topsoil	X																																																																																																																																																																				
	2	4	hardpan & lava boulders	X																																																																																																																																																																				
	4	55	brown sand, clay & lava bou.	X																																																																																																																																																																				
	55	60	cemented brown sand & gravel	X																																																																																																																																																																				
	60	63	loose brown sand & gravel	X																																																																																																																																																																				
	63	116	cemented sand & gravel & clay streaks	X																																																																																																																																																																				
	116	126	sand & gravel	X																																																																																																																																																																				
	126	130	sandy clay & gravel	X																																																																																																																																																																				
	130	145	cemented sand & sandy clay	X																																																																																																																																																																				
	145	148	brown clay	X																																																																																																																																																																				
	148	175	cemented gravel	X																																																																																																																																																																				
	175	204	cemented sand	X																																																																																																																																																																				
	204	225	sandy clay	X																																																																																																																																																																				
	225	245	cemented sand & streaks clay	X																																																																																																																																																																				
	245	410	sandy clay & gravel	X																																																																																																																																																																				
	410	455	sand & fine gravel	X																																																																																																																																																																				
	455	460	sandy clay	X																																																																																																																																																																				
	460	500	cemented sand	X																																																																																																																																																																				
	500	558	sandy clay	X																																																																																																																																																																				
	558	600	sand & fine gravel	X																																																																																																																																																																				
	600	628	sandy clay	X																																																																																																																																																																				
	628	661	sand	X																																																																																																																																																																				
	661	665	sand & gravel	X																																																																																																																																																																				
	665	720	sandy brown clay	X																																																																																																																																																																				
	720	750	dirty sand, clay streaks	X																																																																																																																																																																				
	750	775	sandy clay	X																																																																																																																																																																				
	775	802	brown clay	X																																																																																																																																																																				
	802	820	sand & clay streaks	X																																																																																																																																																																				
	820	870	clay with sand streaks	X																																																																																																																																																																				
	870	879	cemented sand	X																																																																																																																																																																				
	879	893	sand & clay streaks	X																																																																																																																																																																				
	893	1000	clay	X																																																																																																																																																																				
<p>4. METHOD DRILLED</p> <p><input type="checkbox"/> Rotary <input type="checkbox"/> Air <input type="checkbox"/> Hydraulic <input type="checkbox"/> Reverse rotary</p> <p><input checked="" type="checkbox"/> Cable <input type="checkbox"/> Dug <input type="checkbox"/> Other _____</p>	<p>10.</p> <p>Work started <u>4/12/88</u> finished <u>6/23/88</u></p>																																																																																																																																																																							
<p>5. WELL CONSTRUCTION</p> <p>Casing schedule: <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other _____</p> <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>8</u> inches</td> <td><u>2</u> feet</td> <td><u>865</u> feet</td> </tr> <tr> <td><u>250</u> inches</td> <td><u>6</u> inches</td> <td><u>843'6"</u> feet</td> <td><u>863'6"</u> feet</td> </tr> <tr> <td><u>250</u> inches</td> <td><u>6</u> inches</td> <td><u>894'0"</u> feet</td> <td><u>904'0"</u> feet</td> </tr> </tbody> </table> <p>Was casing drive shoe used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Was a packer or seal used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <u>6" pipe 21'</u></p> <p>Perforated? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <u>822'6"-843'6"</u></p> <p>How perforated? <input type="checkbox"/> Factory <input type="checkbox"/> Knife <input type="checkbox"/> Torch</p> <p>Size of perforation _____ inches by _____ inches</p> <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> <p>Well screen installed? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Manufacturer's name <u>Johnson</u></p> <p>Type <u>stainless steel</u> Model No. <u>304</u></p> <p>Diameter <u>6</u> Slot size <u>30</u> Set from <u>863'6"</u> to <u>894'0"</u> feet</p> <p>Diameter _____ Slot size _____ Set from _____ feet to _____ feet</p> <p>Gravel packer? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Size of gravel <u>8-12 sand</u></p> <p>Placed from <u>843'6"</u> feet to <u>863'6"</u> feet</p> <p>Surface seal depth <u>80</u> Material used in seal: <input type="checkbox"/> Cement grout <input checked="" type="checkbox"/> Bentonite <input type="checkbox"/> Puddling clay <input type="checkbox"/></p> <p>Sealing procedure used: <input checked="" type="checkbox"/> Slurry pit <input checked="" type="checkbox"/> Temp. surface casing <input checked="" type="checkbox"/> Overbore to seal depth</p> <p>Method of joining casing: <input type="checkbox"/> Threaded <input checked="" type="checkbox"/> Welded <input type="checkbox"/> Solvent <input type="checkbox"/> Weld</p> <p><input type="checkbox"/> Cemented between strata</p> <p>Describe access port _____</p>	Thickness	Diameter	From	To	<u>250</u> inches	<u>8</u> inches	<u>2</u> feet	<u>865</u> feet	<u>250</u> inches	<u>6</u> inches	<u>843'6"</u> feet	<u>863'6"</u> feet	<u>250</u> inches	<u>6</u> inches	<u>894'0"</u> feet	<u>904'0"</u> feet	Number	From	To	_____ perforations	_____ feet	_____ feet	_____ perforations	_____ feet	_____ feet	_____ perforations	_____ feet	_____ feet	<p>11. DRILLERS CERTIFICATION</p> <p>I certify that all minimum well construction standards were complied with at the time the rig was removed.</p> <p>Firm Name <u>W.E. Stevens & Sons</u> No. <u>153</u></p> <p>Address <u>3709 Hawthorne Dr</u> Date <u>6/26/88</u></p> <p>Signed by (Firm Official) _____ and _____ (Operator)</p>																																																																																																																																											
Thickness	Diameter	From	To																																																																																																																																																																					
<u>250</u> inches	<u>8</u> inches	<u>2</u> feet	<u>865</u> feet																																																																																																																																																																					
<u>250</u> inches	<u>6</u> inches	<u>843'6"</u> feet	<u>863'6"</u> feet																																																																																																																																																																					
<u>250</u> inches	<u>6</u> inches	<u>894'0"</u> feet	<u>904'0"</u> feet																																																																																																																																																																					
Number	From	To																																																																																																																																																																						
_____ perforations	_____ feet	_____ feet																																																																																																																																																																						
_____ perforations	_____ feet	_____ feet																																																																																																																																																																						
_____ perforations	_____ feet	_____ feet																																																																																																																																																																						
<p>6. LOCATION OF WELL</p> <p>Sketch map location must agree with written location.</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td style="text-align:center;">N</td></tr> <tr><td style="text-align:center;">W E</td></tr> <tr><td style="text-align:center;">S</td></tr> </table> <p>County <u>Ada</u></p> <p>Subdivision Name <u>East Boise POE (along I84)</u></p> <p>IR-84-2(33) 66</p> <p>Lot No. _____ Block No. _____</p> <p>County <u>Ada</u></p> <p><u>S/G</u> 1/4 <u>S/E</u> 1/4 Sec. <u>11</u> T. <u>1</u> N. S. R. <u>3</u> E.W.</p>	N	W E	S	<p>7. DRILLERS CERTIFICATION</p> <p>I certify that all minimum well construction standards were complied with at the time the rig was removed.</p> <p>Firm Name <u>W.E. Stevens & Sons</u> No. <u>153</u></p> <p>Address <u>3709 Hawthorne Dr</u> Date <u>6/26/88</u></p> <p>Signed by (Firm Official) _____ and _____ (Operator)</p>																																																																																																																																																																				
N																																																																																																																																																																								
W E																																																																																																																																																																								
S																																																																																																																																																																								

April 30, 1993

STATE OF IDAHO
DEPT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PO BOX 7129
BOISE ID 83720

PROOF DUE NOTICE

RE: PERMIT NO. 63-11524

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 July 1, 1993. (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.

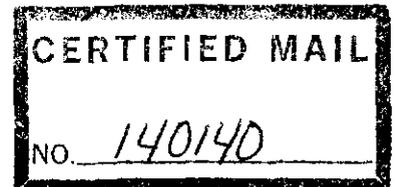
If you have not fully completed your project, and you or a previous owner of this permit have not received a prior extension of time, you may request an extension of time if the delay is for reasonable cause as provided in Section 42-204, Idaho Code. If you have been prevented from proceeding by a governmental 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,

Karen L. Gustafson
Secretary/Records Manager

Enclosures



RECEIVED

JUL 02 1993



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

June 25, 1991

STATE OF IDAHO
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
P.O. BOX 7129
BOISE, ID 83720

PERMIT APPROVAL NOTICE

RE: PERMIT NO. 63-11524

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.

As a permit owner you must commence the excavation or construction of the diverting works within one year of the date the permit was issued, and you must proceed diligently until the project is completed. The date shown under condition no. 1 is the date when the project must be completed. You will receive a "Proof Due Notice" from this Department approximately 60 days prior to the completion date requiring you to file either a Proof of Beneficial Use form stating that the project has been completed or file a Request for an Extension of Time in which to file the proof statement.

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.

You should be aware that you are located within a drainage basin where surface water diversions are regulated by a watermaster. It is possible that diversion of groundwater under your permit may cause a reduction of surface water flow. Siting your well as far as possible from surface water channels and casing your well

JUL 15 1991

so that groundwater tributary to surface water flows are not diverted will reduce the potential for the watermaster to regulate your water use.

Sincerely,

JIM JOHNSON
Water Rights Supervisor

JJ:blm

Enclosures

JUL 15 1997

MEMORANDUM

TO: NANCY HANDZEL

FROM: LORI WHITE

DATE: 4/26/1991

SUBJ: REFUND FOR APPLICATION

On 4/17/1991 an application for permit was received and receipted (see attached receipt copy). Upon review, it was apparent that the heating use should not have been applied for. This left .11 cfs for domestic use which costs \$30.00. The applicant paid for .33 cfs and needs a \$15.00 refund.

Please send the refund to :

Idaho Transportation Department
c/o Dennis Clark
P.O. Box 8028
Boise, ID 83707 (Telephone 334-8335)

Thanks,

Lori A. White

Lori A. White
Sr. Water Resource Agent

RECEIVED

JUL 15 1991

EXPENDITURE VOUCHER

AUDITOR USE

STATE OF IDAHO
 Office of State Auditor

AGENCY USE

Date	5075
Code	05/06/91
	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

IDAHO TRANSPORTATION DEPT.
 C/O DENNIS CLARK
 PO BOX 8028
 BOISE, ID 83707

CHECK ONE:

- 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
			Maj	Min			
1	05 20 199	1238	8831		REFUNDS PER LORI WHITE RECEIPT #W013217 4/26/91 15.00	15.00	
<p>JUL 15 1991</p>							
TOTAL						15.00	

RECEIVED
 MAY 7 1991
 Department of Water Resources
 Western Regional Office

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.

S T A T E O F I D A H O
DEPARTMENT OF WATER RESOURCES
Western Region
2735 AIRPORT WAY

Boise, Idaho 83705
(208) 334-2190

MAY 8, 1991

The Idaho Statesman
P.O. Box 40
Boise, ID 83707

Dear Legal Dept.:

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 JUNE 3, 1991.

Yours truly,

GAIL GARRETT
Secretary

Encl.

MAY 28 1991

The Idaho Statesman

P.O. BOX 40, BOISE, IDAHO 83707

Department of Water Resources
Western Region

LEGAL ADVERTISING INVOICE

Amount Due
74.28

Account Number 47628		Identification Notice of Application for Water Right	
Ordered By Gail Garrett	P.O. Number	Rate nt	Run Dates May 16, 23, 1991
Idaho Dept. of Water Resources Western Region 2735 Airport Way Boise ID 83705		Estimated Inches	Real Inches
		= Affidavits 1	Legal Number 2409

NOTICE OF APPLICATION FOR WATER RIGHT

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

63-11388
PLANTATION GOLF CLUB
 6515 W. STATE
 BOISE, ID 83703
 Source: GROUNDWATER
 Diversion Pt: LOT 5 (NWNW) Sec 30
 T 04N R 02E
 Use: IRRIGATION (1.560 CFS)
 Total Diversion: (1.560 CFS)
 Date Filed: 8/21/1990
 In: T04N R02E S30 NENW Lot 5
 (NWNW) Lot 4 (SWNW) SENW
 78.0 ACRES TOTAL

63-11520
STAR MERCANTILE, INC.
 c/o JOHN KIRTLEY
 P.O. BOX 39
 STAR, ID 83669
 Source: GROUNDWATER
 Diversion Pt: SWSWSW Sec 8 T 04N
 R 01W
 Use: COMMERCIAL (.040 CFS)
 Total Diversion: (.040 CFS)
 Date Filed: 4/22/1991
 In: T04N R01W S08 SWSW

63-11524
STATE OF IDAHO
 DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 P.O. BOX 7129
 BOISE, ID 83720
 Source: GROUNDWATER
 Diversion Pt: SWSESE Sec 11 T 01N
 R 03E
 Use: DOMESTIC (.110 CFS)
 Total Diversion: (.110 CFS)
 Date Filed: 4/17/1991
 In: T01N R03E S11 SESE

63-11528
CAPITAL WATER CORP.
 2676 ELDORADO ST.
 BOISE, ID 83704
 Source: GROUNDWATER
 Diversion Pt. SWNESE Sec 36 T 04N
 R 01E
 Use: MUNICIPAL (3.400 CFS)
 FIRE PROTECTION (3.400 CFS)
 Total Diversion: (3.400 CFS)
 Date Filed: 5/1/1991
 Place of Use within the city limits of Boise.

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 JUNE 3 1991

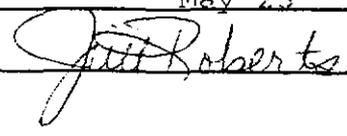
Jill Roberts, being duly

sworn, deposes and says: That she is the Principal Clerk of The Idaho Statesman, a daily newspaper printed and published at Boise, Ada County, State of Idaho, and having a general circulation therein and which said newspaper has been continuously and uninterruptedly published in said County during a period of twelve consecutive months prior to the first publication of the notice, a copy of which is attached hereto; that said notice was published in The Idaho Statesman in conformity with Section 60-108, Idaho Code as amended, for twc

consecutive weekly consecutive daily single odd skip

insertion(s) beginning with the issue of May 16, 1991

and ending with the issue of May 23, 1991



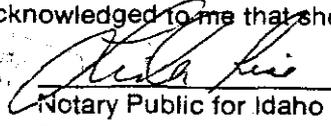
STATE OF IDAHO)

ss.

COUNTY OF ADA)

On this 23rd day of May in the year of 1991 before me, a Notary Public, personally appeared Jill Roberts

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.


Notary Public for Idaho

Residing at Boise, ID

My commission expires: 12/95

63-11524

STATE OF IDAHO
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
P.O. BOX 7129
BOISE, ID 83720

Source: GROUNDWATER

Diversion Pt: SWSESE Sec 11 T 01N R 03E

Use: DOMESTIC (.110 CFS)
Total Diversion: (.110 CFS)

Date Filed: 4/17/ 1991

In: T01N R03E S11 SESE