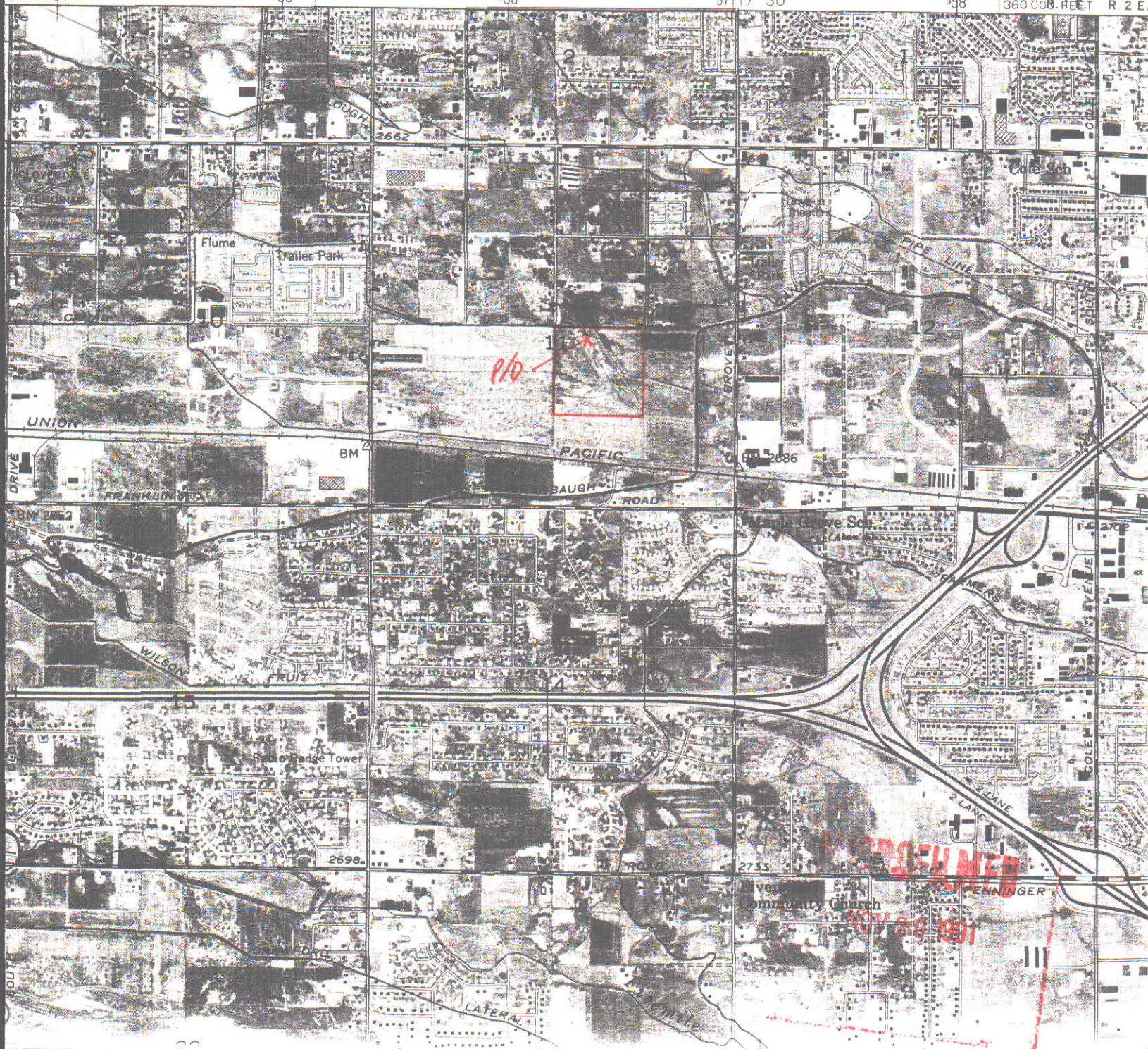


RIE R

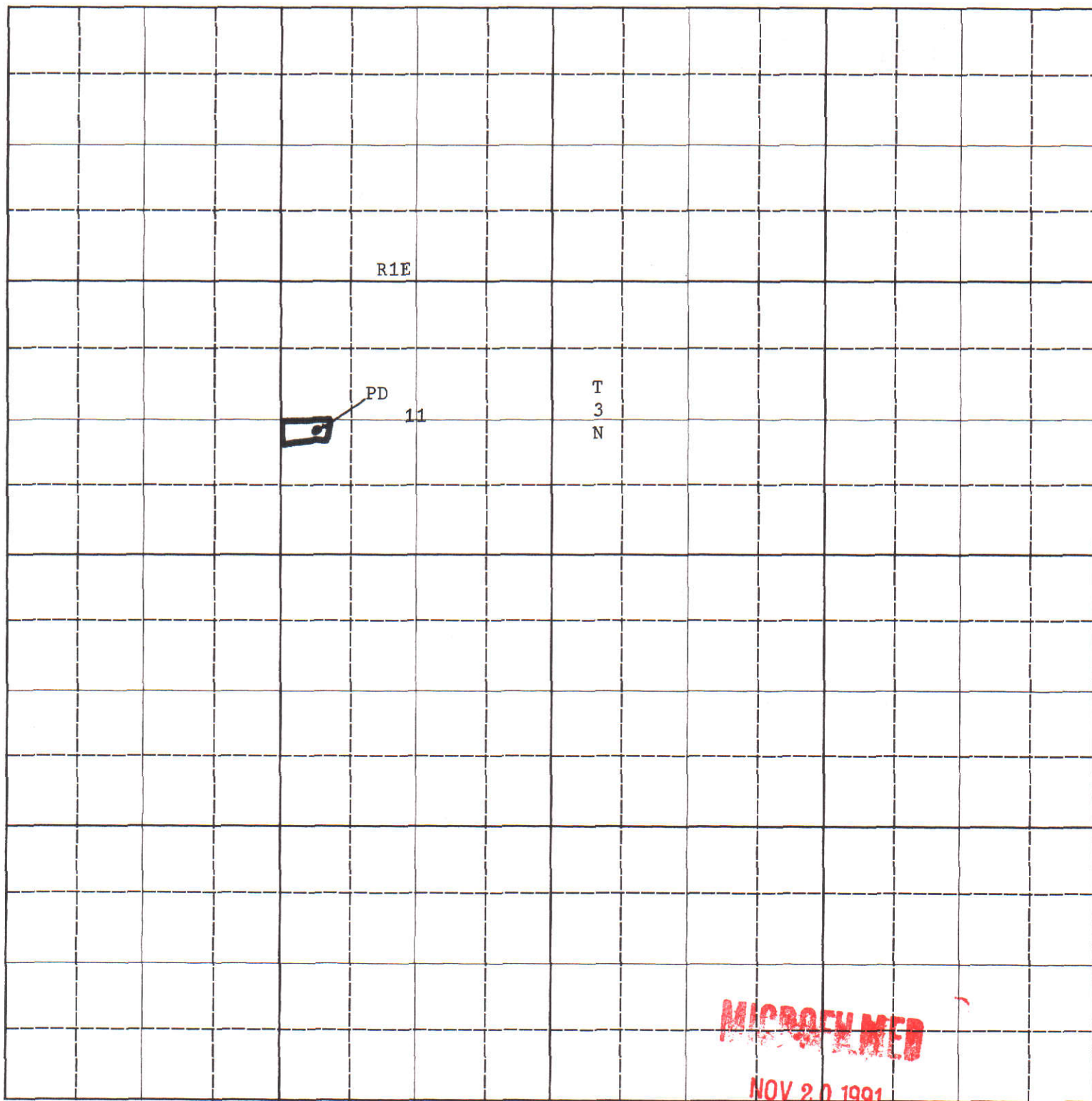
3N 1E sec 11

7.5

0' 594 595 596 597 17' 30" 598 360 000 FEET R. 2 E.



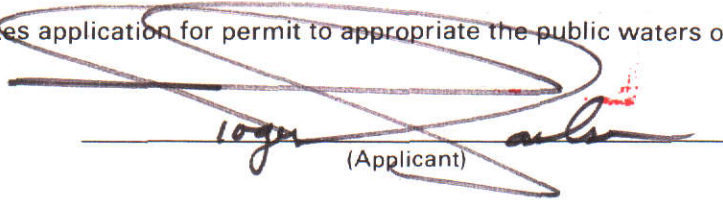
13. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.



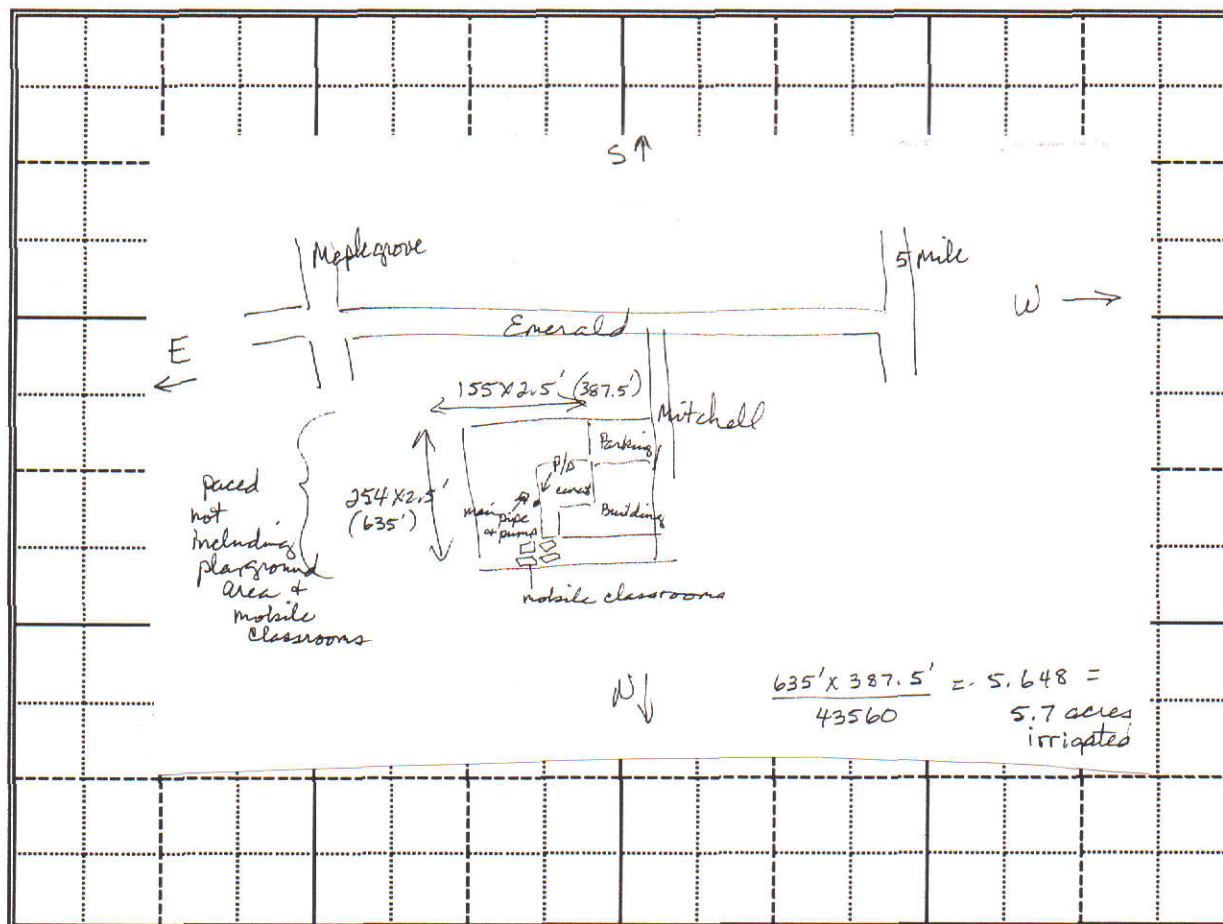
MICROFILMED
NOV 20 1991

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.


(Applicant)

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
Submersible		7.5		Red Jacket TKO	4"
				model:	
				6D100	

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

MICROFILMED

D. FLOW MEASUREMENTS

1.

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

MAR 14 1996

2. **Measurements:** no physical measurement was taken, due to early cold temperatures & the pipes were already blown out & the system had been winterized.

Paved area: $\frac{635' \times 387.5'}{43560} = 5.7 \text{ acres irrigated}$

West


RED JACKET®
PUMPS

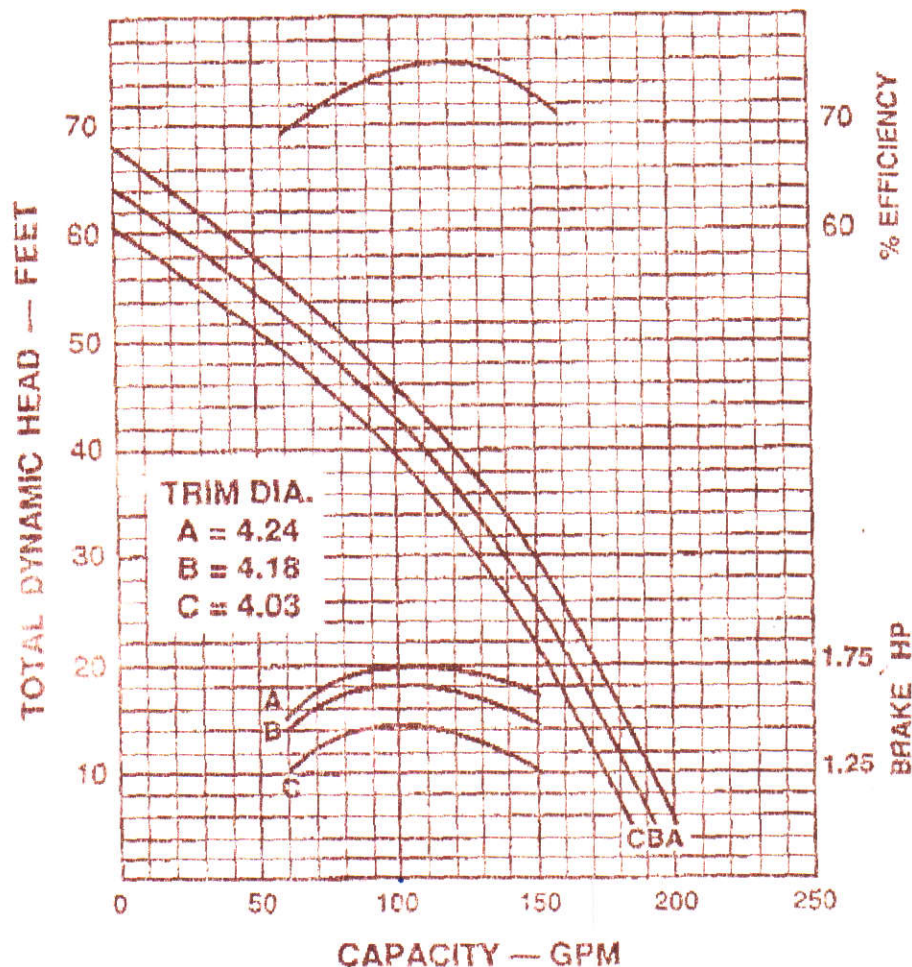
A Marley Pump Company

TKO SUBMERSIBLE TURBINE MODEL: 6D100
NOMINAL MULTI-STAGE PER STAGE DATA*

3450 RPM; 60 Hz

Minimum Well Size — 6"

Maximum Stages — 15



Trim	Min. Req'd. HP
A	1.75
B	1.64
C	1.45

NOTE: Efficiencies reflect glass lined cast iron bowls and bronze impellers.

BOWL TYPE: Threaded

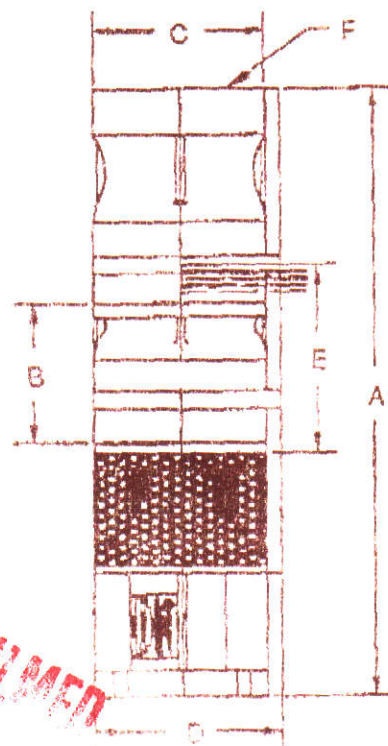
IMPELLER TYPE: Enclosed

K FACTOR = 1.3

	4" Motor Mount	6" Motor Mount
A — One Stage Pump Length (in.)	16-11/16	15-7/16
B — Additional Stage Length (in.)	4-1/4	4-1/4
C — Max. Bowl Diameter (in.)	5-1/2	5-1/2
D — Max. Pump Diameter (in.)	6	6
E — Min. Submergence (in.)	18	18
F — Discharge Tap (in.) NPT	4	4
Shipping Weight (lbs.) Single Stage	46	43
Additional Weight Per Stage	15-1/2	15-1/2

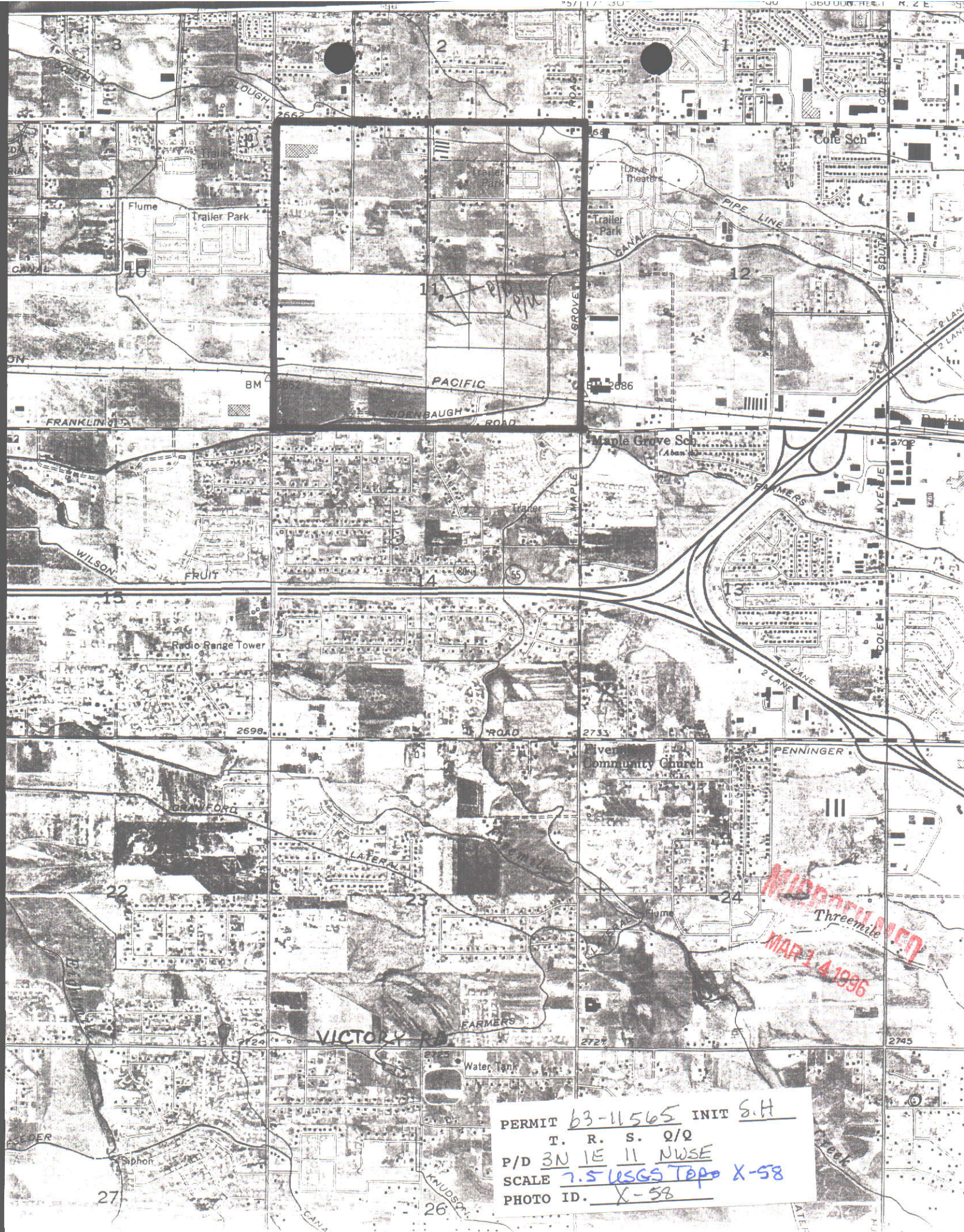
Pumps available with **BRONZE** or **RUBBER** bearings.

*Consult MPC Applications for **SINGLE STAGE**.



MICROFILMED
MAR 14 1996

#4905 1/91



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? _____

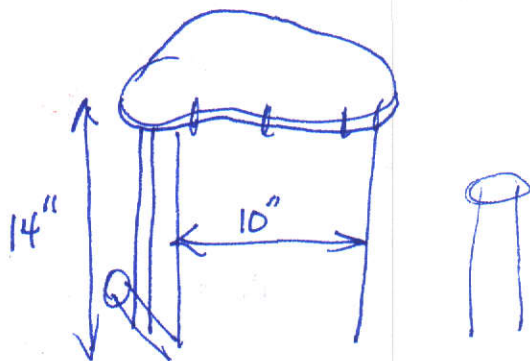
How far away from the well is this source? _____

9. REMARKS:

Andy Hemenway WR Agent
Signature of Dept. Representative & Title

11/21/94
Inspection Date

PHOTOS, DRAWINGS, OTHER ATTACHMENTS:



MICROFILMED
MAR 14 1996



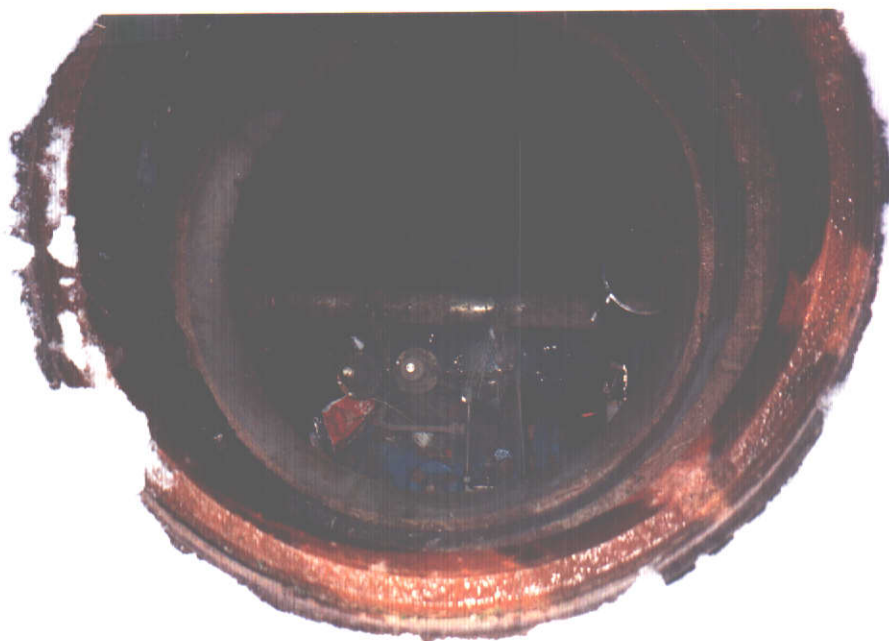
63-11565
11/21/94 S.H.

P/D:

10" casing
14" above the ground
submersible pump



P/u:
Horizon School
730 N. Mitchell
Boise



MAR 14 1996

4" main goes to
3" PVC
runs 75-80 psi
runs with 8
Hunter I41
nozzles on the
system at
one time

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 63-11565

Priority: July 24, 1991

Maximum Diversion Rate:

0.17 CFS

Maximum Diversion Volume:

25.7 AF

This is to certify, that INDEPENDENT SCHOOL DISTRICT NO 1
405 COLLINS RD
BOISE ID 83702

has complied with the terms and conditions
of the permit, issued pursuant to Application for Permit dated July 24, 1991; and
has submitted Proof of Beneficial Use on October 25, 1994. An examination indicates
that the works have a diversion capacity of 0.230 cfs of water from a GROUNDWATER
source, and a water right has been established as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>ANNUAL VOLUME</u>
IRRIGATION	03/15 to 11/15	0.17 CFS	25.7 AF

LOCATION OF POINT(S) OF DIVERSION:

NWSE , Sec. 11, Township 03N, Range 01E
ADA County

PLACE OF USE: IRRIGATION

<u>TWN</u>	<u>RGE</u>	<u>SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
03N	01E	11	NWSE	5.7		5.7

Total number of acres irrigated: 5.7

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. This right when combined with all other rights shall provide no more than .03 cfs per acre nor more than 4.5 afa per acre for the lands above.
6. Place of use is known as Horizon Elementary School

MAR 14 1996

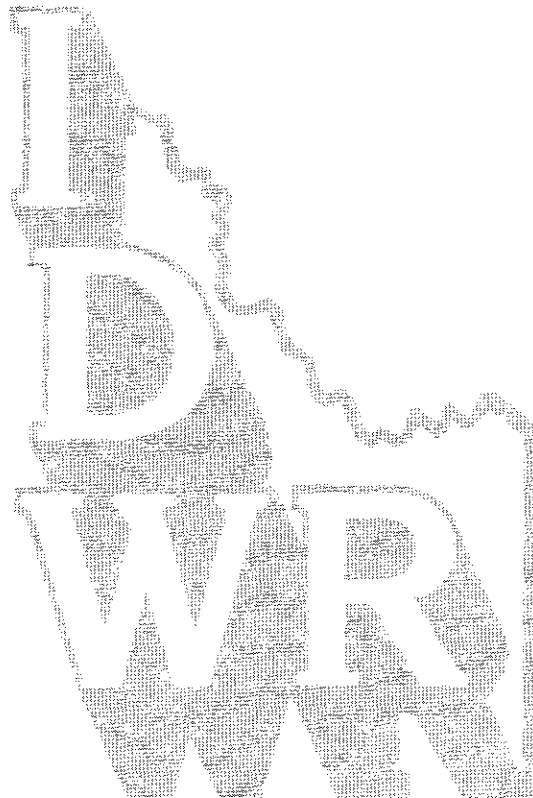
State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 63-11565

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 9TH
day of MARCH, 1996.

Acting for  KARL J. DREHER, Director



107-41366

RECEIVED

OCT 25 1994

Department of Water Resources

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

FOR OFFICE USE ONLY
Amt. of Fee \$: 100.00
Receipt No. C031535
Receipt By: RI
Date Received: 10/25/94

PROOF OF BENEFICIAL USE

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 be accompanied by a completed field examination report prepared by a certified water right examiner who has been appointed by the department.

1. Permit No. 63-11565 - Horizon Telephone No. 338-3420

2. Name(s) of Permit Holder(s): The Independent School District of Boise City

3. Mailing Address: 405 Collins Road, Boise, ID 83702

4. Source of Water: Ground water If **GROUNDWATER** (well), Date Drilled: mo. 12 / yr. 91

a. Well Driller: Pete Cope Drilling Drilling Permit Number: 63 - 91 - 2 - 243

b. **OPTIONAL:**
Pump Horsepower: _____ Pressure (psi): _____ Dynamic pumping level (ft): _____

5. Use(s) (as authorized by the water right permit):

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

Irrigation (No. of acres): 10 Other: _____

6. Total rate of diversion and/or volume for which proof is submitted: .30 cfs OR 45 acre feet

7. Measuring Device Requirement: (refer to the approval conditions on your permit and respond accordingly)
(This question is not optional. Please check either yes or no. Proofs returned not checked accordingly, will be considered incomplete)

Measuring Device: Is a measuring device required? Yes _____ or No X
Has the measuring device been installed? Yes _____ or No X

Flow Measurement Port: Is a flow measurement port required? Yes _____ or No X
Has the measurement port been installed? Yes _____ or No X

8. Fee Enclosed: \$ 100 (See Fee Schedule on back of the instructions for filing proof of beneficial use)

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

Name: Nolan Lowe Telephone Number: 338-3420

Address: _____

10. The information given on this form 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.

Signature of permit holder: [Signature] Date: 10/11/94
(include your title, if on behalf of company or organization)

MAINT. OPER.
Supv.

DEC 14 1994

State of Idaho
Department of Water Resources

Permit To Appropriate Water

NO. 63-11565

Proposed Priority: July 24, 1991 Maximum Diversion Rate: 0.30 CFS
This is to certify, that INDEPENDENT SCHOOL DISTRICT No. 1

405 COLLINS RD
BOISE ID 83702

has applied for a permit to appropriate water from: GROUNDWATER
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>
IRRIGATION	03/15 to 11/15	0.30 CFS

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

<u>PLACE OF USE:</u> IRRIGATION	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
<u>TWN RGE SEC</u>				
03N 01E 11	NWSE 10			10

Total number of acres irrigated: 10

CONDITIONS/REMARKS:

1. Proof of construction of works and application of water to beneficial use shall be submitted on or before November 1, 1994.
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. Prior to the diversion of water under this right a flow measurement port or other device as specified by the Department shall be installed to provide for the installation of measuring equipment and the determination of the rate of diversion by the Department.
5. Permit holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code.
6. The rate of diversion of water for irrigation under this right and all other water rights on the same land shall not exceed 0.03 cubic feet per second for each acre of land.

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

13th day of November, 1991.

RECEIVED

NOV 20 1991

R. Keith Higginson
R. Keith Higginson, Director

Form 202

Ident. No. 63-11565

Should questions arise during the processing of this application please contact:

SHERL L. CHAPMAN

410 S. Orchard, Suite 144

Boise, ID 83705

344-6690

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

* #1

1. Name of applicant Independent School District of Boise City Phone 338-3420Post office address 405 Collins Road, Boise, Idaho 837022. Source of water supply Ground water which is a tributary of N/A3. Location of point of diversion is NW $\frac{1}{4}$ of NW $\frac{1}{4}$ of SE $\frac{1}{4}$, Govt. LotSec. 11 Township 3N Range 1E B.M. Ada County; additional

points of diversion if any: _____

4. Water will be used for the following purposes:

Amount .30 for Irrigation purposes from 3/15 to 11/15 (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) .30 and/or (b) 45
cubic feet per second acre feet per annum

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. Drilled well, submersible turbine pump and controls, automated sprinkler system.b. Height of storage dam N/A feet; active reservoir capacity _____ acre-feet; total reservoir capacity _____ acre-feet; period of year when water will be diverted to storage: _____ to _____ inclusive.c. Proposed well diameter is 12 inches; proposed depth of well is 400 feet.d. Is ground water with a temperature of greater than 90°F being sought? No7. Time required for the completion of the works and application of the water to the proposed beneficial use is 5 years (minimum 1 year).

* per telecon with applicant 11/12/91 zls

NOV 20 1991

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

- Hydropower; show total feet of head and proposed capacity in KW. _____
- Stockwatering; list number and kind of livestock. _____
- Municipal; show name of municipality. _____
- Domestic; show number of households. _____
- Other; describe fully. _____

9. Description of place of use:

- If water is for irrigation, indicate acreage in each subdivision in the tabulation below.
- 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	
3N	1E	11														10			10

Total number of acres to be irrigated 10

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? 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. _____

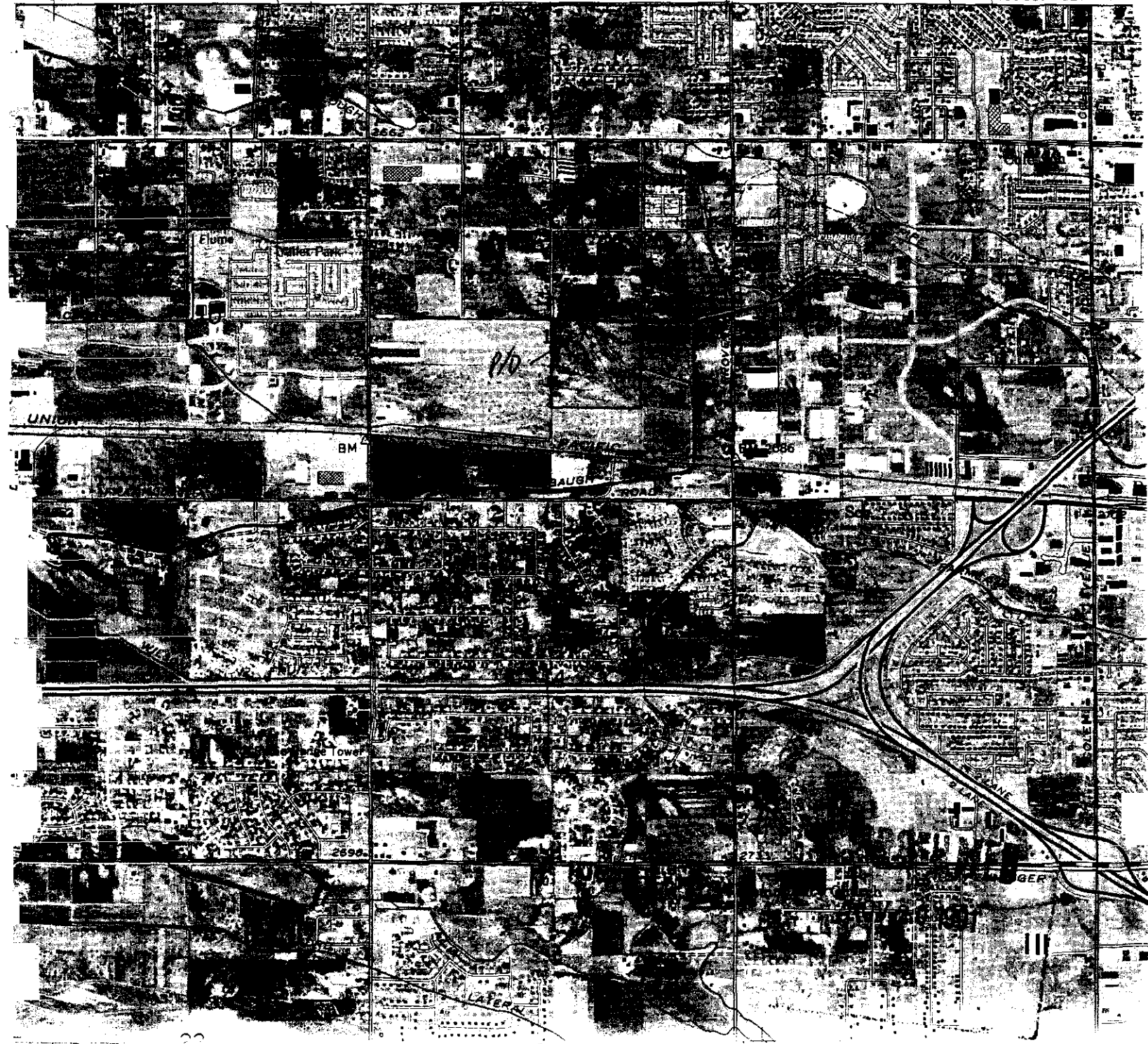
12. Remarks: A higher than normal diversion rate is required due to the irrigation requirements for the school landscaping. Irrigation must be conducted over short periods, usually at night to minimize conflict with daytime use. Application is consistent with IDWR policy for small scale, high intensity urban irrigation.

RIE R

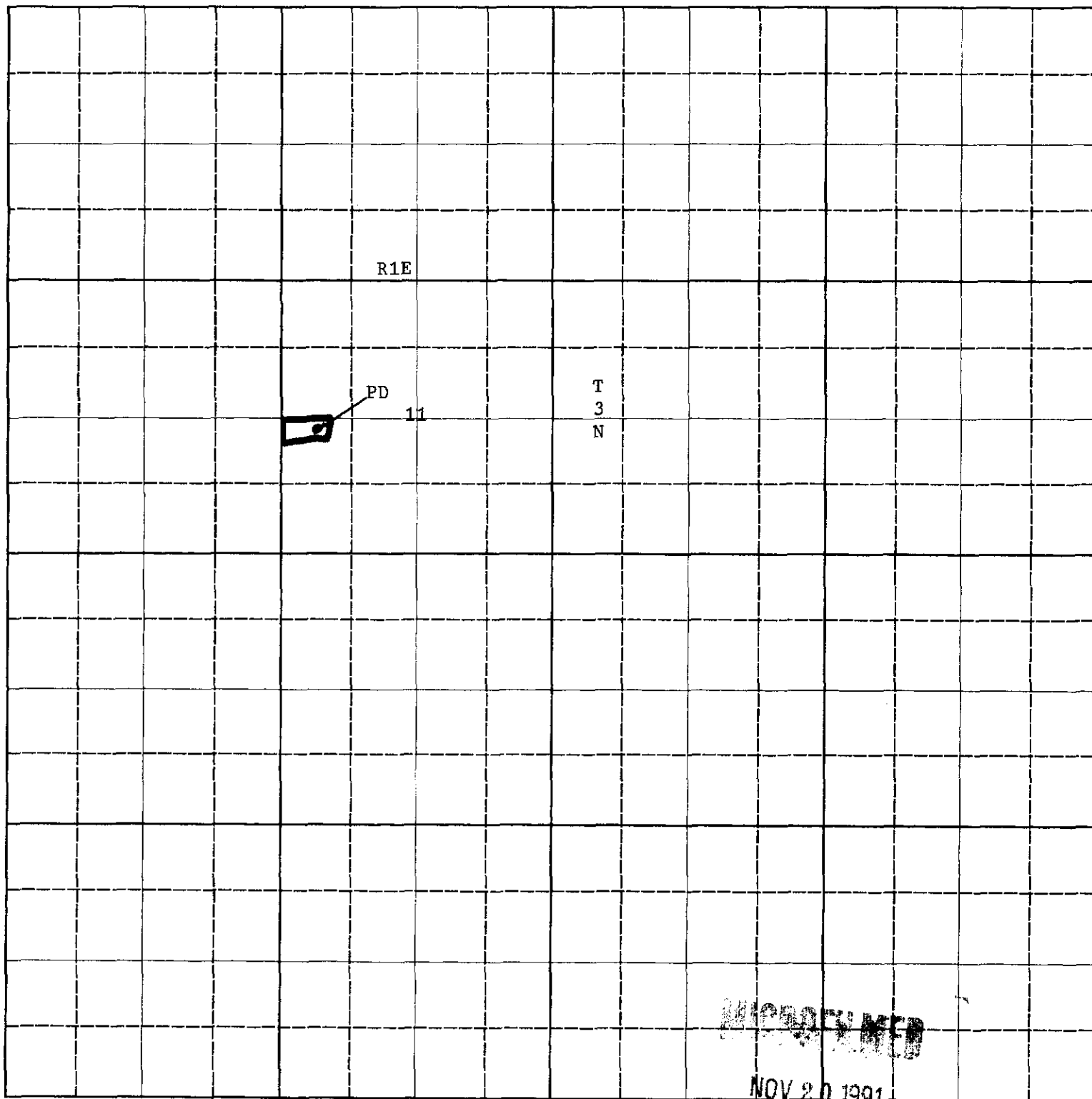
3N 1E sec 11

7.5

0' 594 595 596 597 17' 30" 598 360.000 FEET R. 2 E.

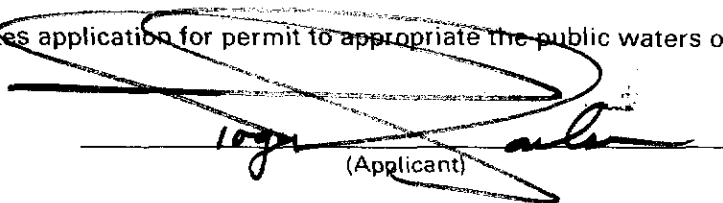


13. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.



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.


(Applicant)

Received by JH Date 7-24-91 Time 1:50 Preliminary check by lw

Fee \$ 45⁰⁰ Receipted by JH # W013521 Date 7-24-91

Publication prepared by GG Date 8/7/91 Published in ID Statesman
8/15 & 8/22/91

Publication approved ST Date 10-1-91 9/5 + 9/12 resubmitted

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:

RECORDED

NOV 20 1991



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

March 11, 1996

INDEPENDENT SCHOOL DISTRICT NO 1
405 COLLINS RD
BOISE ID 83702

RE: WATER RIGHT NO. 63-11565

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".

Shelley W. Keen
Water Rights Supervisor

SK:rl

Enclosure

RECEIVED
MAR 14 1996

LICENSE REVIEW CHECKLIST

PERMIT NO. 63-11565 DATE 2-7-96



NAME Change OK ☒ Or Address Change? ☐

PRIORITY DATE Advance? ☒ Advanced to:
 Order to reinstate needed?
 Incorrect fee for rate recommended? NO

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: .30 CFS / IRR OF 10 acres
 Meas Q = Theo Q = .23 Recommend: .17
5.7 x .03 = .17 CFS

need P/L to use 4 stages to use pump curve check - don't have
 ANNUAL VOLUME Combined rates exceed capacity

Volume Limit: Season: DK 5 (3-15 to 11-15)
Calculations: 5.7 x 4.5 = 25.7
 Flow limit: cfs x x 1.9835 =
 Combined volumes exceed capacity/allowable

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

ADDITIONAL INFO Replaces Surface Water 050 Supplemental GW
Irr/Dom Combination WB5 PPU Recommendation
Boise River/Wood River Source Aes/Rec Uses W38

NEW REMARKS Multiple p/d(s) in 1/4 1/4?
Other

NEW CONDITIONS WM Control- District Meas/Lock Devices
R52 Irrigation Overlap
Other
Water Quality Heat/Cool/Fish verified

COMMENTS: Reduce acres & rate.
Examine states no other sources are available.

RECOMMENDATION	CFS	VOLUME	SRBA Claim Filed	<u>NO</u>
<u>Irrigation</u>	<u>.17</u>	<u>25.7</u>	Adjustment Memo Needed	<u>YES</u>
<u> </u>	<u> </u>	<u> </u>	LICENSE	<u> </u>
<u> </u>	<u> </u>	<u> </u>	1ST AMEND LETTER	<u> </u>
<u> </u>	<u> </u>	<u> </u>	2ND AMEND LETTER	<u> </u>

MEMORANDUM

TO: File 63-11565 / Boise School District
FROM: Brenda Chapman
DATE: February 8, 1996
RE: Recommendation Adjustment(s)

=====

The final licensing recommendations for Right 63-11565 are based on the information below:

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use	Rate of Div	Annual Vol
Irrigation	3-15 to 11-15	.17	25.7

The examiner had the volume correctly calculated, but for some reason did not carry that number to the recommendation line.

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED

JAN 11 1996

Department of Water Resources

A. GENERAL INFORMATION

Permit No. 63-11565

1. Owner: School Dist. of Boise City Phone No. (208) 338-3420

Current Address: 405 Collins Boise, Id 83702

2. Accompanied by: Joe Corbier EXAM DATE: 11/21/94

Address: Horizon School 730 N. Mitchell Boise, Id 83704 Phone No. (208) 338-3420

Relationship to Permit Holder: Maint. Supervisor

3. Source: groundwater tributary to —

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 63-02075, 63-11565, 63-08992

2. Other water rights with the same point of diversion: 63-02075

C. DIVERSION AND DELIVERY SYSTEM

1. Point(s) of Diversion:

Ident No.	Gov't Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
		NW	NW	SE	11	3N	1E	Ada	USGS Topo. + exam

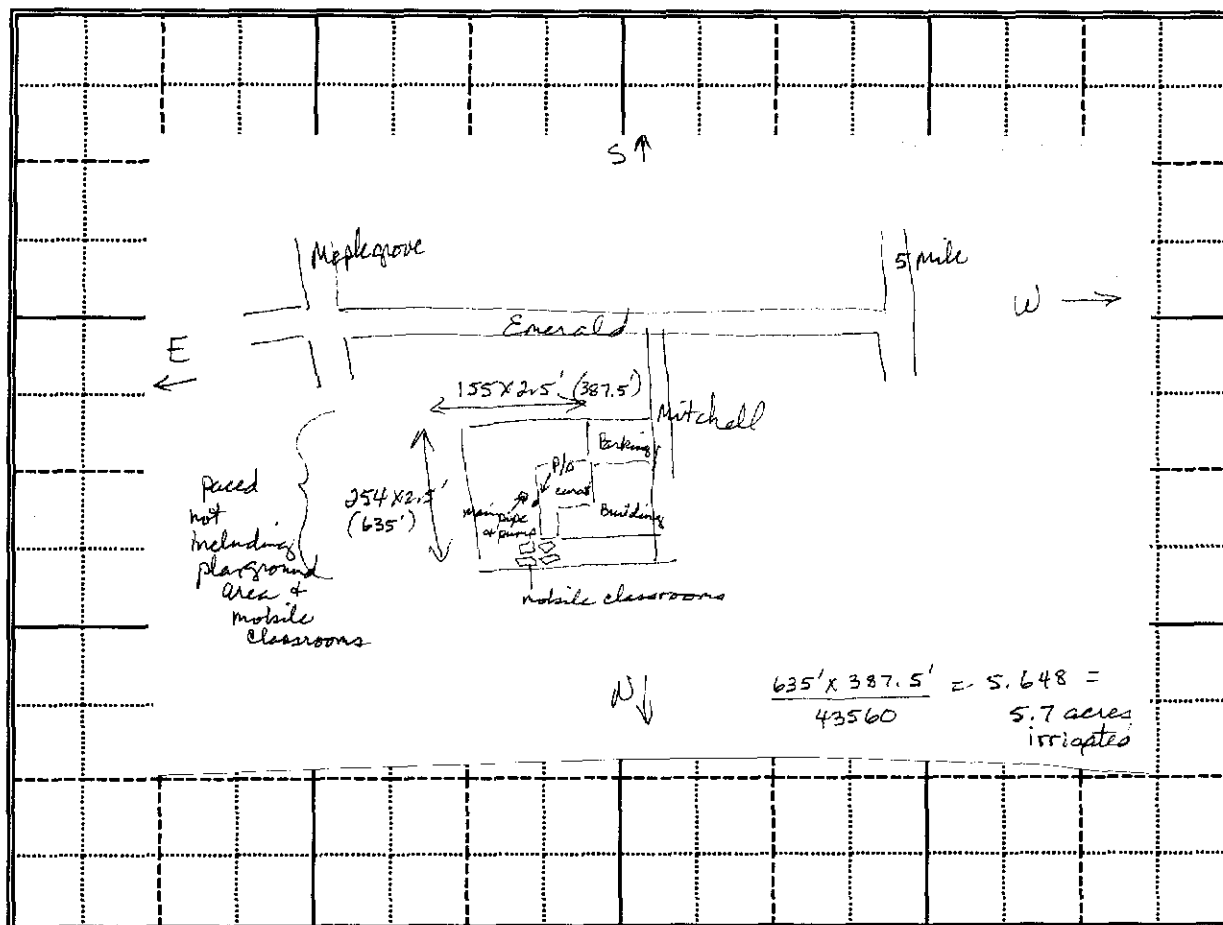
2. Place(s) of Use:

Indicate Method of Determination USGS Topo. + exam

TWP	RGE	SEC	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
3N	1E	11														I			5.7 acres

APPROVED
MAY 1 1996

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



4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
Submersible		7.5		Red Jacket TKO	4"
				model:	
				6D100	

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

D. FLOW MEASUREMENTS

1.

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

2. Measurements: no physical measurement was taken, due to early cold temperatures & the pipes were already blown out & the system had been winterized.

Paced area: $\frac{635' \times 387.5'}{43560} = 5.7 \text{ acres irrigated}$

E. NARRATIVE/REMARKS/COMMENTS

- ~~Physical~~ Physical Address for Horizon Elementary School:
730 N. Mitchell Boise, Id 83704
- Overlaps for P/U are other land +/or other uses.
Overlaps for P/D are other sources.
- No govt. lots were found.
- At the time of the exam, the system was shut off & winterized. Domestic internal use is from Boise City Water.
- The system consists of a $7\frac{1}{2}$ HP pump, 10" casing well, 14" above the ground, a 4" main going to 3" PVC to Hunter I41 nozzles run 8 at 1 time at 75-80 psi.
- No other water sources are available for irrigation, other than city water.
- Use is irrigation for 5.7 acres of playground at Horizon Elementary School.

Have conditions of permit approval been met? ☒ yes ☐ no

APPROVED
MAY 4 1995

F. FLOW CALCULATIONS

☒ Additional Computation Sheets Attached

Measured Method:

Theoretical pump calculation (see attachment) = .23 cfs

$$.03 \text{ cfs} \times 5.7 \text{ acres} = \boxed{.17 \text{ cfs}}$$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 5.7 \text{ acres} \times 4.5 = 25.65 = 25.7 \text{ afa}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = .17 \text{ cfs} \times 246 \times 1.9835 = 82.9$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = \underline{25.7}$$

2. Volume Calculations for Other Uses:

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
* Irrigation	3/15	11/15	.17	14.6
Totals:			.17	14.6

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 Janet Hemerway Date 1/3/96

Reviewer _____ Date _____

SEAL

* See adjustment
memo. BC

MAR 14 1996

① Permit: Irrigation 3/15-11/15 10 acres .30 cfs

② B/U fee: 10/25/94 \$100 pd. .21 - 1.00 cfs

③ max. allowable:

$$.03 \text{ cfs} \times 5.7 \text{ acres} = .17 \text{ cfs}$$

④ no physical measurement taken due to early snow, + pipes already blown out. A theoretical pump calculation was used for this season.

Theoretical Pump Efficiency Calculation
(see attachment) = .23 cfs

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MAY 10 1995
MAY 10 1995

THEORETICAL PUMP EFFICIENCY CALCULATIONS

FILE: 63-11565

DATE: 3-JAN-96

COMPLETE BY: SANDY HEMENWAY

HORSEPOWER = 7.5

PUMP EFFICIENCY = 70%

DYNAMIC LIFT = 20 FEET *10' static + 10'*

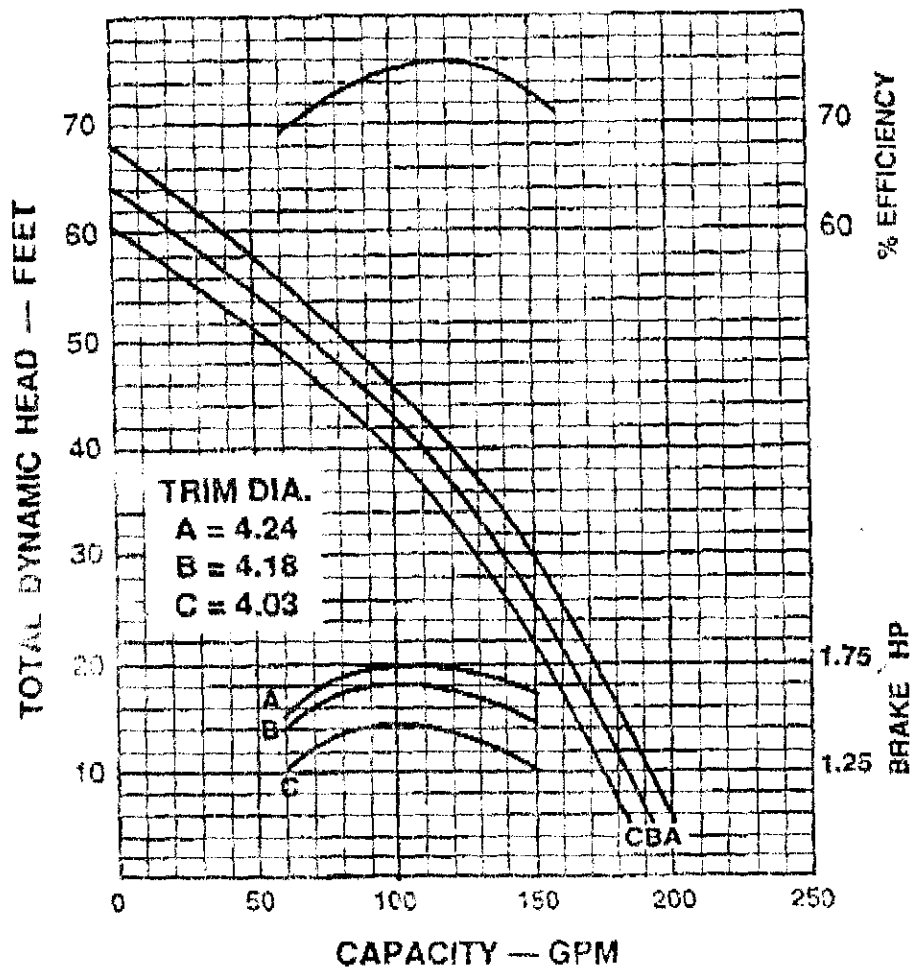
SYSTEM PRESSURE = 77.5 PSI *(system runs 75-80 psi, 77.5 psi average)*

QUANTITY = 0.23 CFS

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MAR 14 1996

West


RED JACKET®
PUMPS
A Marley Pump Company

TKO SUBMERSIBLE TURBINE MODEL: 6D100
NOMINAL MULTI-STAGE PER STAGE DATA*
3450 RPM; 60 Hz
Minimum Well Size — 6"
Maximum Stages — 15


Trim	Min. Req'd. HP
A	1.75
B	1.64
C	1.45

NOTE: Efficiencies reflect glass lined cast iron bowls and bronze impellers.

BOWL TYPE: Threaded

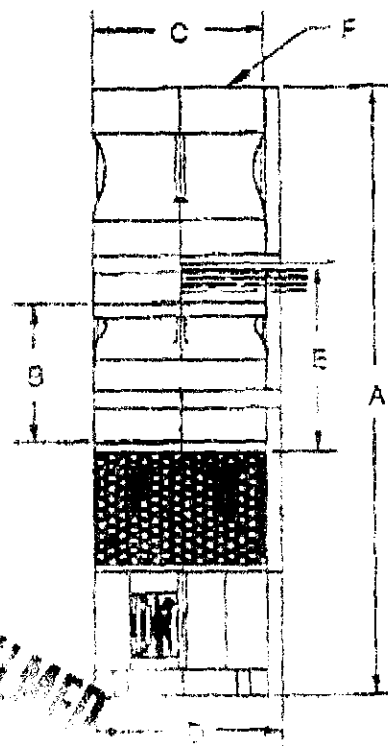
IMPELLER TYPE: Enclosed

K FACTOR = 1.3

	4" Motor Mount	6" Motor Mount
A — One Stage Pump Length (in.)	16-11/16	15-7/16
B — Additional Stage Length (in.)	4-1/4	4-1/4
C — Max. Bowl Diameter (in.)	5-1/2	5-1/2
D — Max. Pump Diameter (in.)	6	6
E — Min. Submergence (in.)	18	18
F — Discharge Tap (in.) NPT	4	4
Shipping Weight (lbs.) Single Stage	45	43
Additional Weight Per Stage	15-1/2	15-1/2

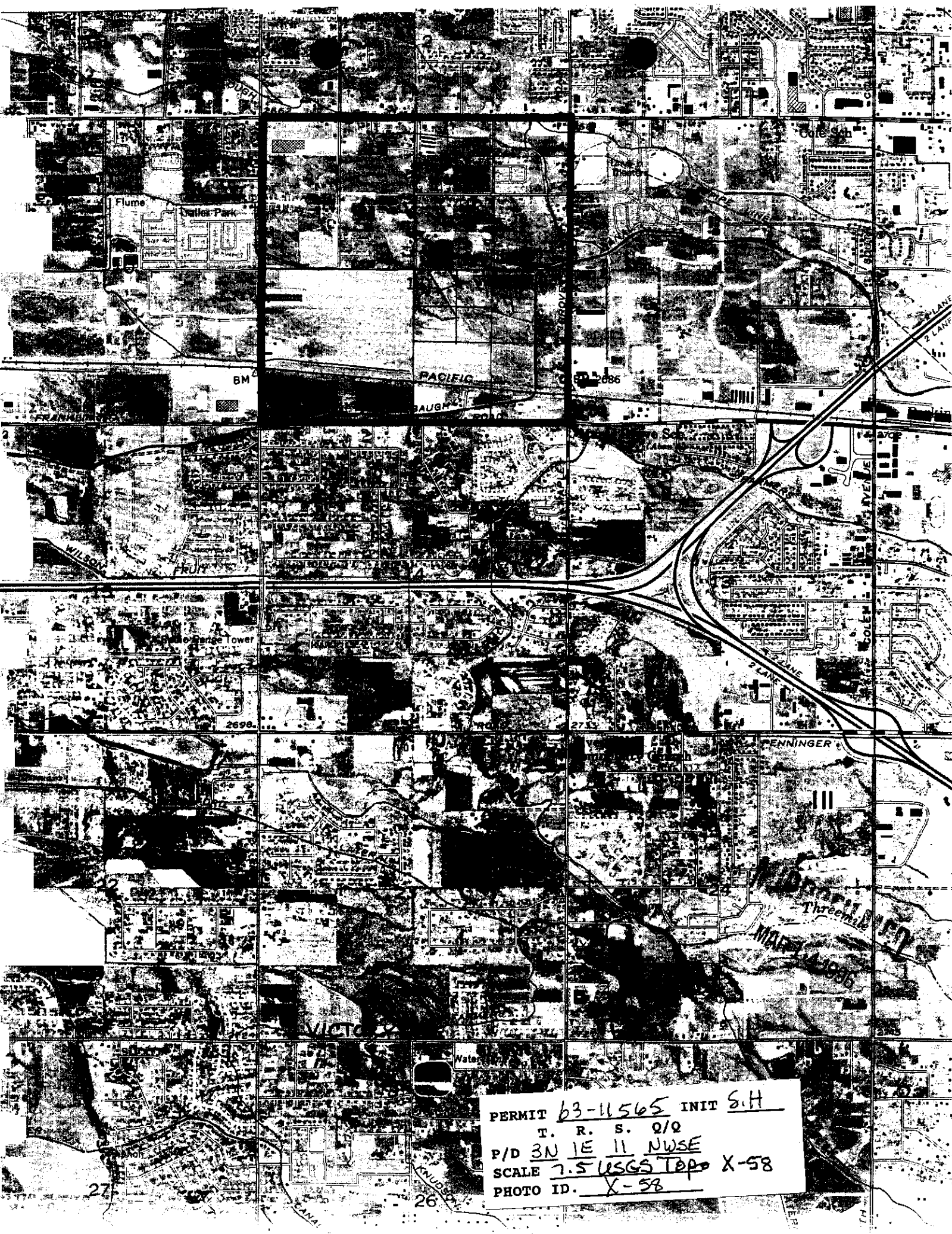
Pumps available with **BRONZE** or **RUBBER** seal.

*Consult MPC Applications for **SINGLE STAGE**



REPRODUCTION
MAR 14 1996

#4905 1/91



PERMIT 63-11565 INIT S.H
T. R. S. Q/Q
P/D 3N 1E 11 NWSE
SCALE 7.5 USGS TOP X-58
PHOTO ID. X-58

IDAHO DEPARTMENT OF WATER RESOURCES

WELL INSPECTION FORM

1. DRILLING PERMIT NO: 63-91-Z-243 OTHER APPLICABLE NO: WR# 63-11565
2. OWNER: Boise Ind. School Dist. Phone: (208) 338-3420
Address: 405 Collins Rd. Boise, Id 83702
3. WELL LOCATION: Twp 3N, Rge. 1E, Sec. 11, NW 1/4 SE,
County Ada (Provide sketch map and photo on reverse.)
4. DRILLER: Pete. Cope Drilling Lic. No. 213
When Drilled? 12/14/91
5. WELL CONSTRUCTION:
Casing Diameter 10 inches Water tight cap? ☒ Yes ☐ No Access Port: ☒ Yes ☐ No
Casing $\geq$ 12 inches above ground? ☒ Yes ☐ No - Describe _____
Depth of Casing 220 ft. Method Drilled reverse rotary
Condition of Well Casing: ☒ Good ☐ Fair ☐ Poor Describe _____
Control Valve? ☐ Yes ☒ No Pressure Gauge: ☐ Yes ☒ No
Condition of Piping and Valving good
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 10 ft. Water Temperature cold °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 ☒ Irrigation ☐ Stock
☐ Test ☐ Municipal ☐ Industrial
☐ Abandoned ☐ Waste Disposal/Injection ☐ Not Used
☐ Other: _____

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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? _____

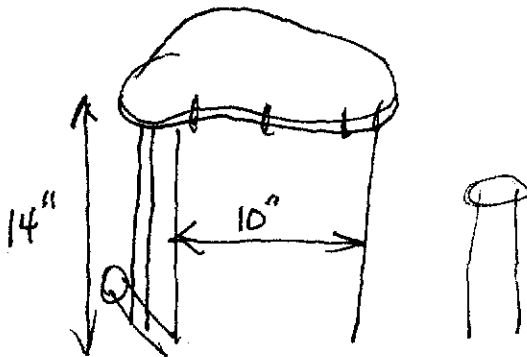
How far away from the well is this source? _____

9. REMARKS: _____

Paul Hemenway WR Agent
Signature of Dept. Representative & Title

11/21/94
Inspection Date

PHOTOS, DRAWINGS, OTHER ATTACHMENTS:



MICROFILMED
MAR 14 1996

63-11565
11/21/94 S.H.

P/D:

10" casing
14" above the ground
submersible pump

P/u:

Horizon School
730 N. Mitchell
Boise

MAR 14 1996

4" main goes to
3" PVC
runs 75-80 psi
runs with 8
Hunter I41
nozzles on the
system at
one time



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

November 8, 1994

INDEPENDENT SCHOOL DIST NO 1
405 COLLINS RD
BOISE ID 83702

PROOF ACKNOWLEDGEMENT LETTER

RE: PERMIT NO. 63-11565

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.

Please be advised that one of the conditions of your water right permit requires that the permit holder install a flow measurement port. This condition must be complied with before the license exam, or you can request, in writing, a waiver of the condition.

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

Sincerely,

JULIE L. YARBROUGH
Senior Secretary

c: IDWR - Region

DEC 14 1994

August 31, 1994

INDEPENDENT SCHOOL DISTRICT NO. 1
405 COLLINS RD
BOISE ID 83702

PROOF DUE NOTICE

RE: PERMIT NO. 63-11565

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 November 1, 1994. (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.

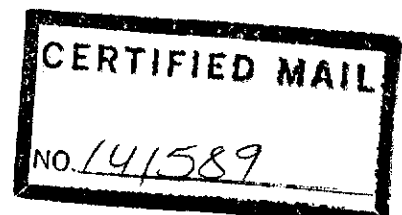
If you have not fully completed your project, and you or a previous owner of this permit have not received a prior extension of time, you may request an extension of time if the delay is for reasonable cause as provided in Section 42-204, Idaho Code. If you have been prevented from proceeding by a governmental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

JULIE L. YARBROUGH
Senior Secretary

Enclosures



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.

1. WELL OWNER

BOISE IND. SCHOOL DIST.

Name _____

Address 1207 FORT ST BOISE ID 83702
63-91-Z-243

Drilling Permit No. _____

Water Right Permit No. 11565

7. WATER LEVEL

Static water level 10 feet below land surface.

Flowing? ☐ Yes ☐ No G.P.M. flow _____

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

Controlled by: ☐ Valve ☐ Cap ☐ Plug

Temperature _____ of. Quality _____

Describe artesian or temperature zones below.

2. NATURE OF WORK

NEW WELL

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

8. WELL TEST DATA

☐ Pump ☐ Bailer ☐ Air ☐ Other _____

Discharge G.P.M.	Pumping Level	Hours Pumped
525	36	4.5

3. PROPOSED USE

IRRIGATION

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

4. METHOD DRILLED

REVERSE ROTARY

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

5. WELL CONSTRUCTION

Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____

Thickness	Diameter	From	To
0.25 inches	10 inches	1 feet	145 feet
0.25 inches	10 inches	175 feet	200 feet
0.25 inches	10 inches	210 feet	220 feet

Was casing drive shoe used? ☐ Yes ☒ No

Was a packer or seal used? ☐ Yes ☒ No

Perforated? ☐ Yes ☒ No

How perforated? ☐ Factory ☐ Knife ☐ Torch ☐ Gun

Size of perforation _____ inches by _____ inches

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

Well screen installed? ☒ Yes ☐ No

Manufacturer's name RUSCOE MOSS

Type CONTINUOUS WIRE Model No. 304

Diameter 10 Slot size 0.3 Set from 145 feet to 175 feet

Diameter 10 Slot size 0.3 Set from 200 feet to 210 feet

Gravel packed? ☒ Yes ☐ No ☐ Size of gravel 3/8

Placed from 125 feet to 255 feet

Surface seal depth 125 Material used in seal: ☐ Cement grout

☐ Bentonite ☐ Puddling clay ☐ _____

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

☒ Overbore to seal depth

Method of joining casing: ☐ Threaded ☒ Welded ☐ Solvent

Weld

☐ Cemented between strata

Describe access port 2" Pipe

9. LITHOLOGIC LOG

Bore Diam.	Depth		Material	Water	
	From	To		Yes	No
24					
0	5		TOPSOIL	X	
5	6		HARDEAN	X	
6	35		SAND GRAVEL ROCK	X	
35	41		FINE SAND	X	
41	42		BRN CLAY		X
42	62		FINE TO CRSE SAND	X	
62	75		GRAY & GOLDEN CLAY		X
75	91		FINE TO CRSE SAND	X	
91	93		GRAY CLAY		X
93	120		FINE TO CRSE SAND	X	
120	139		GRAY & GOLDEN CLAY		X
139	182		FINE TO CRSE SAND	X	
182	188		GRAY & GOLDEN CLAY		X
188	191		FINE SAND	X	
191	197		LITE BRN CLAY		X
197	213		FINE TO CRSE SAND	X	
213	215		BRN CLAY		X
215	255		GRAY CLAY		X

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JAN 13 1992

Department of Water Resources
Western Regional Office

10.

Work started 12/10/91 finished 12/14/91

6. LOCATION OF WELL

Sketch map location must agree with written location.

N
X
W
E
S
ADA
Subdivision Name _____
Lot No. _____ Block No. _____

County _____ NW ¼ NW ¼ Sec. 11 T. 3N S. 0R E. 0 W. 0

11. DRILLERS CERTIFICATION

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

Firm Name PETE COPE DRILLING Firm No. 213

Address 6505 W CHINDEN Date 12/20/91

Signed by (Firm Official) Joseph Jones

and

(Operator) Kevin Chastain

Form 235-1

3/89

Drilling Permit No. 63-91-Z-243Water Permit No. 63-11565

Injection Permit No. _____

Should questions arise during
the processing of this applica-
tion please contact:

SHERL L. CHAPMAN
410 S. Orchard, Suite 144
Boise, ID 83705
344-6690

State of Idaho
Department of Water Resources

D R I L L I N G P E R M I T

1. Applicant Independent School District of Boise City
2. Address 1207 Fort Street, Boise, Idaho 83702
Telephone 338-3400
- (X) Well Owner () Well Operator () Other, specify _____
3. Proposed well location NW 1/4 SE 1/4, or Gov't lot No. _____,
Sec. 11, Twp. 34, Rge. 1E, County Ada,
Lot, block and subdivision _____
4. Proposed use of well: (Check all that apply)
() Domestic () Stockwater () Monitoring
No. of households _____ No. of livestock _____
(X) Irrigation () Industrial () Municipal
() Injection () Other, Specify _____
5. Well construction information:
(X) New well () Deepen () Replace
Proposed surface diameter 10" Maximum depth 250'
Anticipated bottom hole temperature:
(X) 85°F or less (Cold water well)
() 85°F to 212°F (Low temp. geothermal well)
() 212°F or more (Geothermal well)
6. Anticipated construction start date December 10, 1991
7. Well Driller (if known) Cope Drilling Company
Address Star, Idaho
8. Applicant's signature Sherl L. Chapman
Title Agent
Date 12/9/91

DEC 14 1994

ACTION OF DEPARTMENT OF WATER RESOURCES

This Permit is Approved

If approved, this permit authorizes the construction of a well subject to the following conditions:

GENERAL CONDITIONS

1. The well must be constructed in compliance with the applicable statutes, specific conditions of approval shown on the water right permit, injection well permit, transfer or amendment and the rules and regulations of the Department for water appropriation, injection wells and well construction standards.
2. This drilling permit is valid for two (2) months from its date of issuance for the start of construction and is valid for one (1) year from the date of issuance for completion of the well unless an extension has been granted.
3. This permit does not constitute the approval of the District Health Department or the Idaho Department of Health and Welfare which may be required before construction of this well.
4. The well shall be constructed by a driller currently licensed in the State of Idaho who must maintain a copy of the drilling permit at the drilling site.
5. Issuance of this drilling permit does not authorize trespass on the land of another party.
6. This permit does not constitute other local, county, state or federal approvals which may be required for construction of a well.
7. This drilling permit does not represent a right to divert and use the water of the State of Idaho.
8. If a bottom hole temperature of 85°F or greater is encountered, well construction shall cease and the well driller and the well owner shall contact the Department immediately.

SPECIFIC CONDITIONS

9. THE APPLICANT ACCEPTS ALL RISKS AND RESPONSIBILITIES SET FORTH AND AGREED TO IN THE REQUEST FOR EXPEDITED ISSUANCE OF A DRILLING PERMIT.

Dated this 9th day of December, 1991.

Signed Betty D. Flemer

Title Chief of Resource Protection Bureau

Received by LT Fee 200⁰⁰ Date 12-9-91

Receipt No. 0082579 Construction start extension to

Extension approved by _____

Drilling Permit No. 63-91-7-243

Water Right No. 63-11565

REQUEST FOR EXPEDITED ISSUANCE OF A DRILLING PERMIT

Independent School District of Boise City, Applicant, requests issuance of Drilling Permit prior to approval of a water right. The request is made for the following reason(s):

Need to install facilities immediately in order
to initiate irrigation in the spring of 1992

Applicant understands that the drilling permit does not constitute a water right and does not authorize diversion or use of water from the well.

Applicant acknowledges that by accepting a drilling permit and commencing construction he accepts all risk that the well may not ultimately be approved for use.

12/9/91
Date

Shel L. Chapman
Applicant's Signature

Agent
Applicant's Title

DEC 14 1991



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

November 18, 1991

INDEPENDENT SCHOOL DISTRICT NO. 1
405 COLLINS RD
BOISE ID 83702

PERMIT APPROVAL NOTICE

RE: PERMIT NO. 63-11565

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.

Be sure to note the special condition requiring you to install a measuring device. Enclosed, for your reference, is a list of measuring device options.

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

NOV 20 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,

PAMELA SKAGGS
Technical Records Specialist

PS:blm

Enclosures

NOV 20 1991

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SEP 17 1991

The Idaho Statesman

P.O. BOX 40, BOISE, IDAHO 83707

Department of Water Resources
Western Regional Office

LEGAL ADVERTISING INVOICE

Amount Due
139.32

Account Number 47628		Identification Notice of Application for Water Right	
Ordered By Gail Garrett	P.O. Number	Rate NT	Run Dates September 5, 12, 1991
Idaho Department of Water Resources Western Region 2735 Airport Way Boise, Idaho 83705		Estimated Inches	Real Inches
		# Affidavits 1	Legal Number 9355

NOTICE OF APPLICATION FOR WATER RIGHT

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

63-11565
SCHOOL DISTRICT OF BOISE CITY, INDEPENDENT
405 COLLINS RD.
BOISE, ID 83702
Source: GROUNDWATER
Diversions Pt: NWNWSE Sec 11 T 03N R 01E
Use: IRRIGATION (.300 CFS)
Total Diversion: (.300 CFS)
Date Filed: 7/24/1991
In: T03N R01E S11 NWSE
10.0 ACRES TOTAL

63-11566
SCHOOL DISTRICT OF BOISE CITY, INDEPENDENT
405 COLLINS RD.
BOISE, ID 83702
Source: GROUNDWATER
Diversions Pt: NENWNE Sec 25 T 03N R 02E
Use: IRRIGATION (.300 CFS)
Total Diversion: (.300 CFS)
Date Filed: 7/24/1991
In: T03N R02E S24 SWSE SESE S25 NWNE
10.0 ACRES TOTAL

63-11567
SCHOOL DISTRICT OF BOISE CITY, INDEPENDENT
405 COLLINS RD.
BOISE, ID 83702
Source: GROUNDWATER
Diversions Pt: NWSESE Sec 23 T 03N R 02E
Use: IRRIGATION (.720 CFS)
Total Diversion: (.720 CFS)
Date Filed: 7/24/1991
In: T03N R02E S 23 NESE SWSE SESE
36.0 ACRES TOTAL

63-11570
OWYHEE TERRACE HOMEOWNERS ASSOCIATION
C/O JOHN SHELSTAD
2128 VISTA AVE.
BOISE, ID 83705
Source: GROUNDWATER
Diversions Pt: SWSE Sec 21 T 03N R 02E
Use: IRRIGATION (.150 CFS)
Total Diversion: (.150 CFS)
Date Filed: 7/25/1991
In: T03N R02E S21 SWSE
5.0 ACRES TOTAL

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 two

☒ consecutive weekly ☐ consecutive daily ☐ single ☐ odd skip

insertion(s) beginning with the issue of September 5, 1991

and ending with the issue of September 12, 1991

STATE OF IDAHO)

COUNTY OF ADA)

ss. NOV 20 1991

On this 12th day of September 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.

Danice Madec
Notary Public for Idaho
Residing at Boise, ID
My commission expires: May '97

63-11572
DOHERTY, SHEILA
DOHERTY, JR., DAN W.
11158 W. HICKORY
BOISE, ID 83704
Source: GROUNDWATER
Diversion Pt: NWSE Sec 19 T 04N
R 01W
Use: COMMERCIAL (.200 CFS)
WILDLIFE STORAGE
(4.00 AF)
DIVERSION TO
STORAGE (.200 CFS)

Total Diversion: (.200 CFS)
Date Filed: 8/5/1991
In: T04N R01W S19 NWSE

63-11573
ROBERTSON, DARRELL
3701 E. DEERFLAT
KUNA, ID 83634
Source: GROUNDWATER
Diversion Pt: SWNW Sec 20 T 02N
R 01E
Use: IRRIGATION (2.600 CFS)
Total Diversion: (2.600 CFS)
Date Filed: 7/24/1991
In: T02N R01E S20 NENW NWNW
SWNW SENW

130.0 ACRES TOTAL
63-11581

SELL, PATRICE M.
8555 COVEYRIDGE LANE
BOISE, ID 83709
Source: GROUNDWATER
Diversion Pt: NWSESW Sec 12 T 02N
R 01E
Use: IRRIGATION (.150 CFS)
STOCKWATER (.303 CFS)
DOMESTIC (.020 CFS)
Total Diversion: (.200 CFS)
Date Filed: 8/13/1991
In: T02N R01E S12 SESW
5.0 ACRES TOTAL

63-11583
PECK TRUST, F. CLYDE
1201 MANITOU ST.
BOISE, ID 83706
Source: SPRING
Tributary: BOISE RIVER
Diversion Pt: SESESE Sec 26 T 04N
R 01E
Use: IRRIGATION (.880 CFS)
Total Diversion: (.880 CFS)
Date Filed: 7/29/1991
In: T04N R01E S26 NESE SESE
44.0 ACRES TOTAL

The permit (s) will be subject to
all prior water rights. Protests may
be submitted based on the criteria
of Sec. 42-203A, Idaho Code and/or
the new public interest criteria of
Sec. 42-203C, Idaho Code. Protests
must be filed with the Director,
Dept. of Water Resources, Western
REgion, 2735 Airport Way, Boise,
Idaho 83725 on or before SEPTEMBER
23, 1991.

R. Keith Higginson, Director
Pub. September 5, 12, 1991 9355

63-11565

SCHOOL DISTRICT OF BOISE CITY, INDEPENDENT
405 COLLINS RD.
BOISE, ID 83702

Source: GROUNDWATER

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

Use: IRRIGATION (.300 CFS)
Total Diversion: (.300 CFS)

Date Filed: 7/24/ 1991

In: T03N R01E S11 NWSE

10.0 ACRES TOTAL

NOV 20 1991