

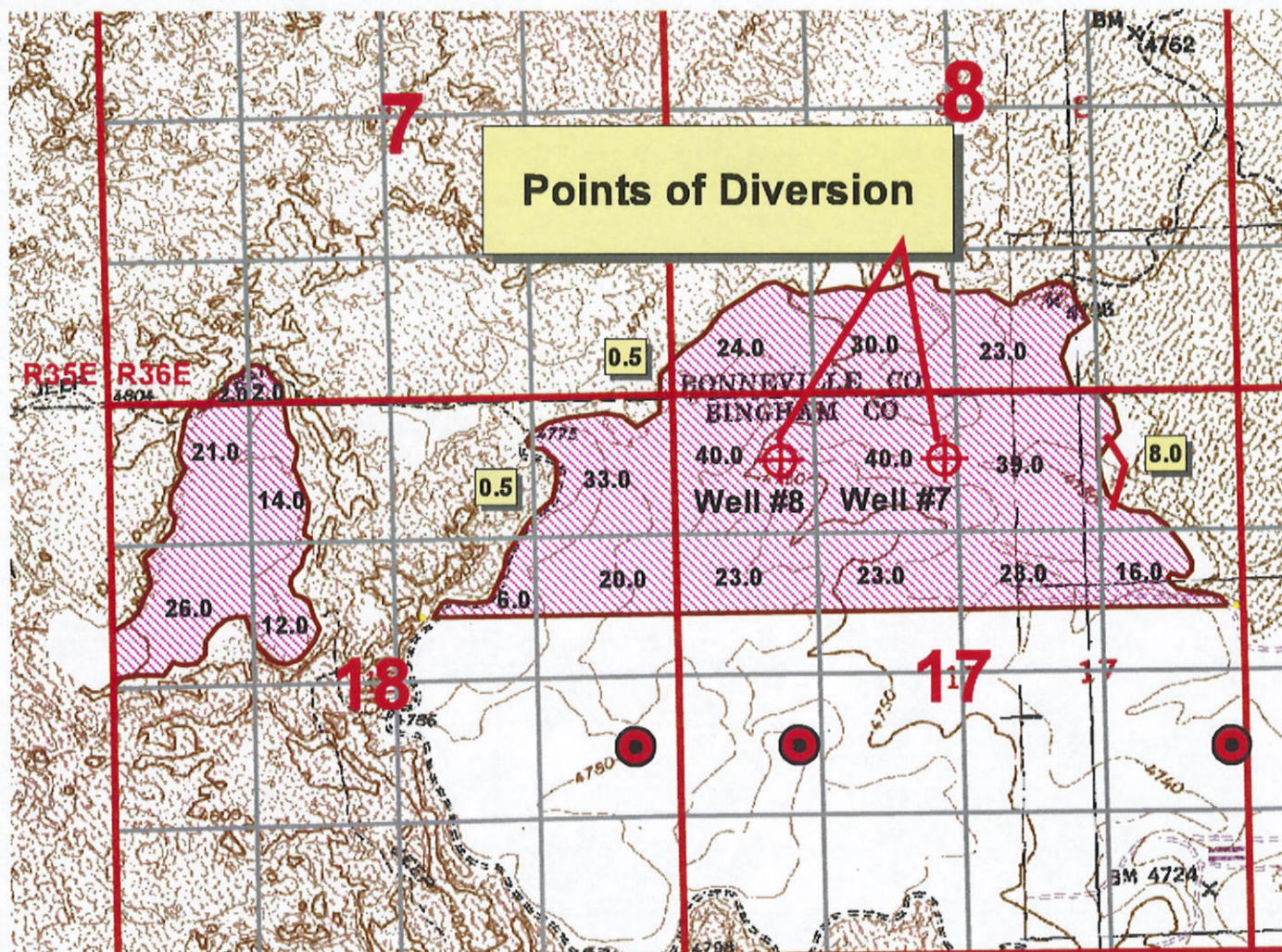


Permissible Place of Use
35-8911, 35-8913, 35-8914,
35-8915, Part 35-8924
Plus Lic 35-7000A/7368A

Pg 11 of 14

MICROFILMED
JUN 05 2002

35-08924B



**T
1
N**

R36E

Permissable Place of Use
35-8911, 35-8913, 35-8914,
35-8915, Part 35-8924
Plus Lic 35-7000A/7368A

Pg 12 **of** 14

MICROFILMED
JUN 05 2002

35-08924B



Pg 13 of 14

35-8924B

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JUN 05 2002

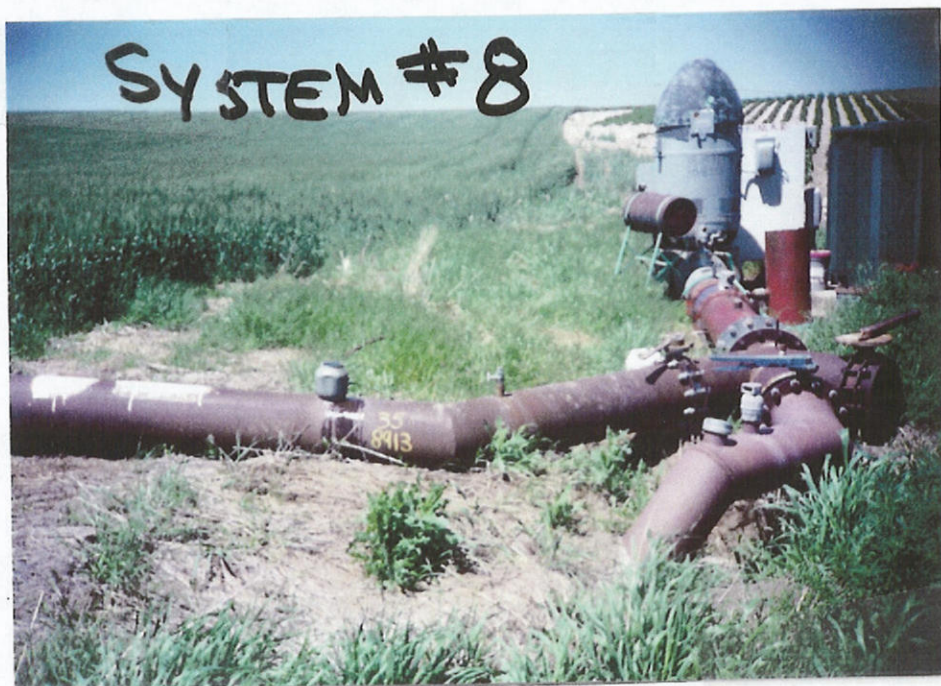


Photo 8-25-1998

35-8924 B

Pg 14 of 14

MICROFILMED
JUN 05 2002

NONE

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465

T25720
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ALL NAEL

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R36E

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T25720

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9a

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SEC 20

"OUT"

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T24666

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TIN

21

R36E

77.1

145.0

State of Idaho
Department of Water Resources
Water Right License

WATER RIGHT NO. 35-13378

Priority: September 26, 1990

Maximum Diversion Rate: 0.12 CFS
Maximum Diversion Volume: 28.0 AF

It is hereby certified that JAY L STOLWORTHY
1577 E WOLVERINE RD
FIRTH ID 83236 has complied with the terms and
conditions of the permit, issued pursuant to Application for Permit dated September 26, 1990; and has
submitted Proof of Beneficial Use on June 4, 1993. An examination indicates that the works have a
diversion capacity of 7.21 cfs of water from:

SOURCE

GROUND WATER

and a water right has been established as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL DIVERSION VOLUME</u>
IRRIGATION	04/01 to 10/31	0.12 CFS	28.0 AF

LOCATION OF POINTS OF DIVERSION:

GROUND WATER NE $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 17, Twp 01N, Rge 36E, B.M., BINGHAM County
GROUND WATER NE $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 17, Twp 01N, Rge 36E, B.M., BINGHAM County

PLACE OF USE: IRRIGATION

Twp Rge Sec	NE				NW				SW				SE				Totals
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
01N 36E 7									2.0	2.0					.5		4.5
01N 36E 8									24.0	30.0				23.0			77.0
01N 36E 17	8.0	39.0	23.0	16.0	40.0	40.0	23.0	23.0									212.0
01N 36E 18	33.0	.5	6.0	20.0	14.0	21.0	26.0	12.0									132.5

Total Acres: 426

CONDITIONS OF APPROVAL

1. This right is limited to the irrigation of 7 acres within the place of use described above in a single irrigation season.
2. Rights 35-07000A, 35-07368A, 35-08911, 35-08913, 35-08914 and 35-08915 are also diverted through the points of diversion described above.

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State of Idaho
Department of Water Resources
Water Right License

WATER RIGHT NO. 35-13378

3. Rights 35-07000A, 35-07368A, 35-08911, 35-08913, 35-08914, 35-08915 and 35-13378 when combined shall not exceed a total diversion rate of 7.21 cfs, and the irrigation of 426 acres.
4. Use of water under this water right will be regulated by the watermaster of State Water District No. 120.
5. This right when combined with all other rights shall provide no more than 4.0 afa per acre at the field headgate for irrigation of the lands above.
6. This right is for the use of trust water and is subject to review 20 years after the issuance of the permit to determine availability of water and to re-evaluate the public interest.

This license is issued pursuant to the provisions of Section 42-219, Idaho Code. The water right confirmed by this license is subject to all prior water rights and shall be used in accordance with Idaho law and applicable rules of the Department of Water Resources.

Signed and sealed this 22ND day of APRIL, 2002.

Acting for


KARL J. DREHER
Director

MICROFILMED

JUN 05 2002

State of Idaho
Department of Water Resources
APPLICATION FOR AMENDMENT
(For Licensing Purposes)
WATER RIGHT NO. 35-13378

RECEIVED

APR 18 2002

Department of Water Resources

Date of Priority: September 26, 1990

Maximum Diversion Rate:

0.12 CFS

Maximum Diversion Volume:

28.0 AF

Comes now JAY L STOLWORTHY
820 S PARK

SHELLEY ID 83274 and represents to the Director of the Idaho Department of Water Resources that he is the owner and holder of Permit to Appropriate the Public Waters of the State of Idaho No. 35-13378, and requests that the permit be changed as follows:

Source: GROUND WATER

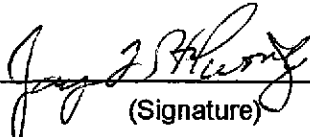
<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>ANNUAL VOLUME</u>
IRRIGATION	04/01 to 10/31	0.12 CFS	28.0 AF

LOCATION OF POINT(S) OF DIVERSION:GROUND WATER NE $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 17, Twp 01N, Rge 36E, B.M., BINGHAM CountyGROUND WATER NE $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 17, Twp 01N, Rge 36E, B.M., BINGHAM CountyPLACE OF USE: IRRIGATION

Twp Rge Sec	NE				NW				SW				SE				Totals
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
01N 36E 7									2.0	2.0					.5		4.5
01N 36E 8									24.0	30.0				23.0			77.0
01N 36E 17	8.0	39.0	23.0	16.0	40.0	40.0	23.0	23.0									212.0
01N 36E 18	33.0	.5	6.0	20.0	14.0	21.0	26.0	12.0									132.5

Total Acres: 426

Permit holder asserts that no one will be injured by such change and that such change will be made at permit holder's own risk. Signed this 15 day of April, 2002.


(Signature)

RECEIVED

APR 16 2002

Department of Water Resources
Eastern Region

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JUN 05 2002

State of Idaho
Department of Water Resources
APPLICATION FOR AMENDMENT
(For Licensing Purposes)
WATER RIGHT NO. 35-13378

FOR DEPARTMENT USE ONLY

Preliminary check by KW Fee = 50⁰⁰ Received by KW # E027644 Date 4/15/2002

ACTION OF THE DEPARTMENT OF WATER RESOURCES

I, Karl J. Dreher, of the Department of Water Resources hereby approve the above Application for Amendment for Permit No. 35-13378 with the following:

CONDITIONS OF APPROVAL

1. This right is limited to the irrigation of 7 acres within the place of use described above in a single irrigation season.
2. Rights 35-07000A, 35-07368A, 35-08911, 35-08913, 35-08914 and 35-08915 are also diverted through the points of diversion described above.
3. Rights 35-07000A, 35-07368A, 35-08911, 35-08913, 35-08914, 35-08915 and 35-13378 when combined shall not exceed a total diversion rate of 7.21 cfs, and the irrigation of 426 acres.
4. Use of water under this water right will be regulated by the watermaster of State Water District No. 120.
5. This right when combined with all other rights shall provide no more than 4.0 afa per acre at the field headgate for irrigation of the lands above.
6. This right is for the use of trust water and is subject to review 20 years after the issuance of the permit to determine availability of water and to re-evaluate the public interest.

Witness my hand this 22ND day of April, 2002.

Acting for


KARL J. DREHER
Director

MICROFILMED

JUN 05 2002

IDAHO DEPARTMENT OF WATER RESOURCES

Water Right Report 35-13378

WATER RIGHT NUMBER: 35-13378

DRAFT

Owner Type Name and Address
 Current Owner JAY L STOLWORTHY
 820 S PARK
 SHELLEY, ID 83274
 (208)357-3808

Priority Date: 09/26/1990

Basis: License

Status: Active DRAFT

Source Tributary
 GROUND WATER

<u>Beneficial Use</u>	<u>From</u> <u>To</u>	<u>Diversion Rate</u>	<u>Annual Volume</u>
IRRIGATION	04/01 to 10/31	0.120 CFS	
	<u>Total Diversion:</u>	0.120 CFS	

Location of Point(s) of Diversion

GROUND WATER	NE1/4NE1/4NW1/4	Sec. 17, Twp 01N, Rge 36E, B.M.
BINGHAM County		
GROUND WATER	NE1/4NW1/4NW1/4	Sec. 17, Twp 01N, Rge 36E, B.M.
BINGHAM County		

Place of Use

IRRIGATION

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
01N	36E	7									2.0	2.0					.5	4.5	
01N	36E	8									24.0	30.0				23.0		77.0	
01N	36E	17	8.0	39.0	23.0	16.0	40.0	40.0	23.0	23.0								212.0	
01N	36E	18	33.0	.5	6.0	20.0	14.0	21.0	26.0	12.0								132.5	

Total Acres: 426

Conditions of Approval:

- 01C A flow measurement port or other device as specified by the Department shall be installed by the right holder to provide for the installation of measuring equipment and the determination of the rate of diversion by the Department.

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JUN 05 2002

IDAHO DEPARTMENT OF WATER RESOURCES

Water Right Report 35-13378

2. 03A The rate of diversion of water for irrigation under this right and all other water rights on the same land shall not exceed 0.02 cubic feet per second for each acre of land.
3. 046 Right holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code.
4. 051 Any license issued by IDWR pursuant to the right or portion thereof for the use of trust water is subject to a term review of 20 years after the date of this approval to determine availability of water for the use and to re-evaluate the public interest at the end of the term.
5. 052 Diversion and use of water under this right is subject to an annual use fee if rules are subsequently promulgated which provide for the submittal of the fee.
6. 053 The Director retains jurisdiction over this right and may change, add, or remove any requirement as determined to be appropriate.
7. 26A 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.

Remarks:Comments:

1. kwalker 3/7/2002 Split Permit

Comment: Permit No. 35-08924 was split into 35-13377 and 35-13378 at time of licensing due to separate systems at time of field examination.

Dates and Other Information:

Licensed Date:
 Decreed Date:
 Water Supply Bank Enrollment Accepted:
 Water Supply Bank Enrollment Removed:
 Enlargement Use Priority Date:
 Enlargement Statute Priority Date:
 State or Federal:
 Owner Name Connector:
 Water District Number:
 Generic Max Rate Per Acre: 0.02
 Generic Max Volume Per Acre: 4
 Decree Defendant:
 Decree Plaintiff:
 Civil Case Number:
 Judicial District:
 Swan Falls Trust or Nontrust: T
 Swan Falls Dismissed:
 DLE Act Number:
 Carey Act Number:
 Mitigation Plan: False

Proof due: 7/1/93
Proof made: 6/4/93
Permit Approved: 6/24/91
App Rec'd: 9/26/90
Field Exam: 6/24/94
Exam Rec'd at SO: 2/1/02

MICROFILMED

JUN 05 2002



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Boise, ID 83706 - P.O. Box 83720, Boise, ID 83720-0098
Phone: (208) 327-7900 Fax: (208) 327-7866 Web Site: www.idwr.state.id.us

DIRK KEMPTHORNE
Governor

KARL J. DREHER
Director

April 23, 2002

JAY L STOLWORTHY
1577 E WOLVERINE RD
FIRTH ID 83236

RE: License No. 35-13378 - Issuance of License

Dear Water Right Holder(s):

The Department of Water Resources has issued the enclosed Water Right License confirming that a water right has been established in accordance with your permit. Please be sure to thoroughly review the conditions of approval and remarks listed on your license.

The license is a PRELIMINARY ORDER issued by the Department pursuant to section 67-5243, Idaho Code. It can and will become a final order without further action by the Department unless a party petitions for reconsideration or files an exception and/or brief within fourteen (14) days of the service date as described in the enclosed information sheet.

Enclosed is a copy of the approved Application for Amendment.

Please note that water right owners are required to report any change of water right ownership and/or mailing address to the Department within 120 days of the change. Failure to report these changes could result in a \$100 late filing fee. Contact any office of the Department or visit the Department's homepage on the Internet to obtain the proper forms and instructions.

If you have any questions, please contact me at 208-327-7946.

Sincerely,

Shelley W. Keen

Water Rights Supervisor

SWK:klt

Enclosure(s)

MICROFILMED

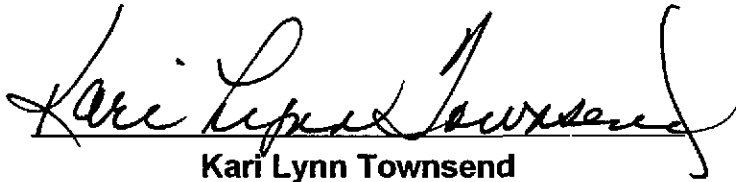
JUN 05 2002

CERTIFICATE OF SERVICE

I hereby certify that on April 23, 2002 I mailed a true and correct copy, postage prepaid, of the foregoing PRELIMINARY ORDER(Approved License) to the person(s) listed below:

RE: WATER RIGHT NO. 35-13378

**JAY L STOLWORTHY
1577 E WOLVERINE RD
FIRTH ID 83236**


**Kari Lynn Townsend
Secretary**

MICROFILMED

JUN 05 2002

**EXPLANATORY INFORMATION
TO ACCOMPANY A
PRELIMINARY ORDER**

The accompanying order or approved document is a "Preliminary Order" issued by the department pursuant to section 67-5243, Idaho Code. It can and will become a final order without further action of the Department of Water Resources (department) unless a party petitions for reconsideration, files an exception and brief, or requests a hearing as further described below:

PETITION FOR RECONSIDERATION

Any party may file a petition for reconsideration of a preliminary order with the department within fourteen (14) days of the service date of this order. The department will act on a petition for reconsideration within twenty-one (21) days of its receipt, or the petition will be considered denied by operation of law. See Section 67-5243(3) Idaho Code.

EXCEPTIONS AND BRIEFS

Within fourteen (14) days after (a) the service date of a preliminary order, (b) the service date of a denial of a petition for reconsideration from this preliminary order, or (c) the failure within twenty-one (21) days to grant or deny a petition for reconsideration from this preliminary order, any party may in writing support or take exceptions to any part of a preliminary order and may file briefs in support of the party's position on any issue in the proceeding with the Director. Otherwise, this preliminary order will become a final order of the agency.

REQUEST FOR HEARING

Unless a right to a hearing before the department or the Idaho Water Resource Board (Board) is otherwise provided by statute, any person aggrieved by any final decision, determination, order or action of the Director of the department and who has not previously been afforded an opportunity for a hearing on the matter may request a hearing pursuant to section 42-1701A(3), Idaho Code. A written petition contesting the action of the Director and requesting a hearing shall be filed within fifteen (15) days after receipt of the denial or conditional approval.

ORAL ARGUMENT

If the Director grants a petition to review the preliminary order, the Director shall allow all parties an opportunity to file briefs in support of or taking exceptions to the preliminary order and may schedule oral argument in the matter before issuing a final order. If oral arguments are to be heard, the Director will within a reasonable time period notify each party of the place, date and hour for the argument of the case. Unless the Director orders otherwise, all oral arguments will be heard in Boise, Idaho.

CERTIFICATE OF SERVICE

All exceptions, briefs, requests for oral argument and any other matters filed with the Director in connection with the preliminary order shall be served on all other parties to the proceedings in accordance with IDAPA Rules 37.01.01302 and 37.01.01303 (Rules of Procedure 302 and 303).

FINAL ORDER

The Director will issue a final order within fifty-six (56) days of receipt of the written briefs, oral argument or response to briefs, whichever is later, unless waived by the parties or for good cause shown. The Director may remand the matter for further evidentiary hearings if further factual development of the record is necessary before issuing a final order. The department will serve a copy of the final order on all parties of record.

Section 67-5246(5), Idaho Code, provides as follows:

Unless a different date is stated in a final order, the order is effective fourteen (14) days after its issuance if a party has not filed a petition for reconsideration. If a party has filed a petition for reconsideration with the agency head, the final order becomes effective when:

- (a) the petition for reconsideration is disposed of; or
- (b) the petition is deemed denied because the agency head did not dispose of the petition within twenty-one (21) days.

APPEAL OF FINAL ORDER TO DISTRICT COURT

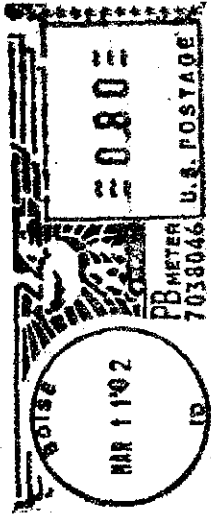
Pursuant to sections 67-5270 and 67-5272, Idaho Code, if this preliminary order becomes final, any party aggrieved by the final order or orders previously issued in this case may appeal the final order and all previously issued orders in this case to district court by filing a petition in the district court of the county in which:

- i. A hearing was held,
- ii. The final agency action was taken,
- iii. The party seeking review of the order resides, or
- iv. The real property or personal property that was the subject of the agency action is located.

The appeal must be filed within twenty-eight (28) days of this preliminary order becoming final. See section 67-5273, Idaho Code. The filing of an appeal to district court does not itself stay the effectiveness or enforcement of the order under appeal.

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JUN 05 2002



RECEIVED

MAR 15 2002

Department of Water Resources

Permits 35-8911, 35-8913, 35-8914, 35-8915, 35-13378
Mail resent to:
addressee at
1551 E. Wolverine Rd
Fish Id 83236
Kari Mpx
3.26.02

IDAHO DEPARTMENT OF WATER RESOURCES
1301 North Orchard St.
P.O. Box 83720
Boise, ID 83720-0098
(208) 327-7900

☒ Not Deliverable As Addressed
☐ Unable To Forward
☐ Insufficient Address
☐ Moved, Left No Address
☐ Undeliverable As Mailed
☐ Attempted-Not Known
☐ No Such Street ☐ Number
☐ Vacant ☐ Illegible
☐ No Mail Receipts
☐ Box Closed-No Order
☐ Returned For Better Address
☐ Postage Due

To
JAY STOLWORTHY
820 S PARK
SHELLEY ID 83224



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Boise, ID 83706 - P.O. Box 83720, Boise, ID 83720-0098
Phone: (208) 327-7900 Fax: (208) 327-7866 Web Site: www.idwr.state.id.us

DIRK KEMPTHORNE
Governor

KARL J. DREHER
Director

March 11, 2002

JAY STOLWORTHY
820 S PARK
SHELLEY ID 83274

RE: Water Right Permit Nos. 35-08911, 35-08913, 35-08914, 35-08915, and
35-13378 (portion of Permit No. 35-08924)

Dear Permit Holder:

The Department of Water Resources is reviewing the above referenced permits prior to issuing water right licenses. By issuing a license, the Department confirms the extent of development that has been established in compliance with the terms of the permit. The examiner who verified your water use reported that certain elements of the permits have been developed differently than described. Changes that do not increase the authorized use of water under the permit can be requested and approved in accordance with Section 42-211, Idaho Code. Before licenses can be issued, your permits must be amended to depict your water use as actually developed.

Based on the examiner's report, the following elements were developed differently than described on your permits:

☒ **Points of Diversion**

☒ **Places of Use – Add Permissible Place of Use to all these Permits**

The enclosed Applications for Amendment forms depicts the elements of the water rights as they will appear on the licenses when issued. Please review the amendment forms carefully. If you concur with the information presented, **please sign the forms and return them with a \$250.00 filing fee** (\$50.00 per amendment form) within 14 days. If you have any questions, please call me at 208-327-7944.

Sincerely,

KAY WALKER
Sr. Water Resource Agent

Enclosures

MICROFILMED

JUN 05 2002

LICENSE REVIEW CHECKLIST

Permit No. 35-8924B Date: 3-4-2002 Reviewer: Kay Walker

Change/OK

Name/Address OK

Source OK

Point of Diversion: change

Does change clarify original intended source? If no, void permit.

Change (P39/P49) Add (P45/P44) Feds (P40)

Place of Use add
PPU

W32 (multiple in 1/4/1/4)

W36 (overlap)

W59 (subdivision description)

Change (P41/P49) Add (P41/P44) Feds (P43)

W60 (subdivision description)

W27 (ppu acre limit)

Overlaps: Right(s): see bill 35-8911

File reviewed _____ Profile reports printed _____

P/D & P/U amend (P37) Feds (P48)

Rate of Diversion:

Permitted rate

Fee Limit

Measured

Theoretical

0.14 + 0.24 under A cfs

4.0 cfs

7.21 cfs

_____ cfs

Recommended Total Diversion Rate 0.12

Water Uses

OK Change (P46)

Season of Use per new Standards

4-1 10-31

Irrigation 0.12 cfs 28 af

Stockwater _____ cfs _____ af

Domestic _____ cfs _____ af

_____ cfs _____ af

_____ cfs _____ af

Total 0.12 cfs 28 af

Irrigation - overlap (R58-R61, R62-R65, R66-R69)

supp. Gw (WB7/065/104)

overlap spec combined rts (W35)

<1 acre (W31)

Domestic (W01/wb5/070/071/075)

Power (W42 or W43/025/027/R22 or R23)

Fish (042)

Fire (077)

Water Quality (106/R07)

Payette - (W22/047/27A)

Stockwater for US (R37)

Volume Determination

0.12 cfs x 1.9835 x 214 days = 50.9 af (vs) 7 acres x 4.0 (FHR) = 28.0 af

Remarks: W27(7) R55, W36

Additional Conditions 120

Watermaster Control

_____ GW Measurement/Measuring Device

Other _____

Trust R55 - remove 051

Non-trust (048)

GW Dist? _____

Water Msmt. Dist? _____

Crit. GWMA? _____

GWMA? _____

Government Lots? _____

Advance Priority? yes

no

If yes, explain why below.

SRBA Claim? no - not req'd

Adjust memo _____

Amend Letters _____

P87, S06

Second Amendment Notice P49

S06

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED

FEB 1 2002
DEPARTMENT OF WATER RESOURCES

A. GENERAL INFORMATION

Permit No. 35-8924 B1. Owner: JAY STOLWORTHYPhone No. 357-3808Current Address: 820 S Park, Shelley, Id 832742. Accompanied by: —EXAM DATE: 6-24-1994Address: —(Exam 35-7000A) 9-21-1989
Phone No. 7-2-1998 Water
Measurement DistRelationship to Permit Holder: —3. Source: GROUNDWATER tributary to —

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 35-7000A/7368A/8911/8913/8914/89152. Other water rights with the same point of diversion: 35-7000A/7368A/8911/8913/8914/8915

C. DIVERSION AND DELIVERY SYSTEM

1. Point(s) of Diversion: NO GOV LOTS

Ident No.	Gov't Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
#7		NE	NE	NW	17	1N	36E	Bingham	On site, FSA Aerial
#8		NE	NW	NW	17	1N	36E	BINGHAM	" " "

2. Place(s) of Use: NO GOV LOTSIndicate Method of Determination ARCVIEW
FSA AERIALS

TWP	RGE	SEC	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
1N	36E	7											2	2				0.5	4.5
		8											24	30			23		77.0
		17	8	39	23	16	40	40	23	23									212.0
		18	33	0.5	6	20	14	21	26	12									132.5
																			426.0

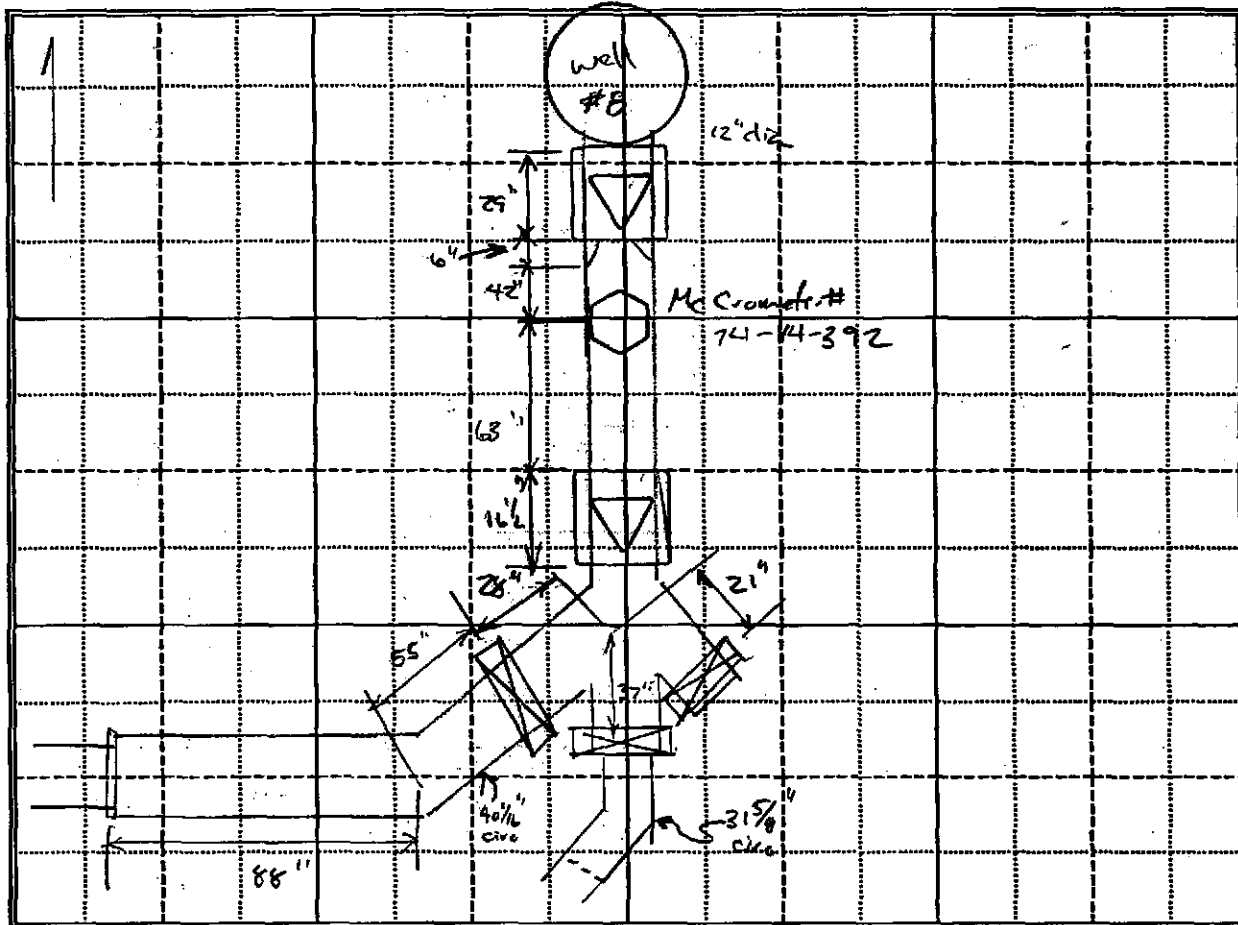
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JUN 05 2002

Pg 1 of 14
35-8924 B

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

SYSTEM (Well) # 8



Scale: 1" =

SYSTEM (Well) # 8

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.

Pg 12 of 14

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
#8	Westinghouse	400	3-508167	Johnston	12" necked down to 10"

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

* < ATTACHMENTS A, B, & C >

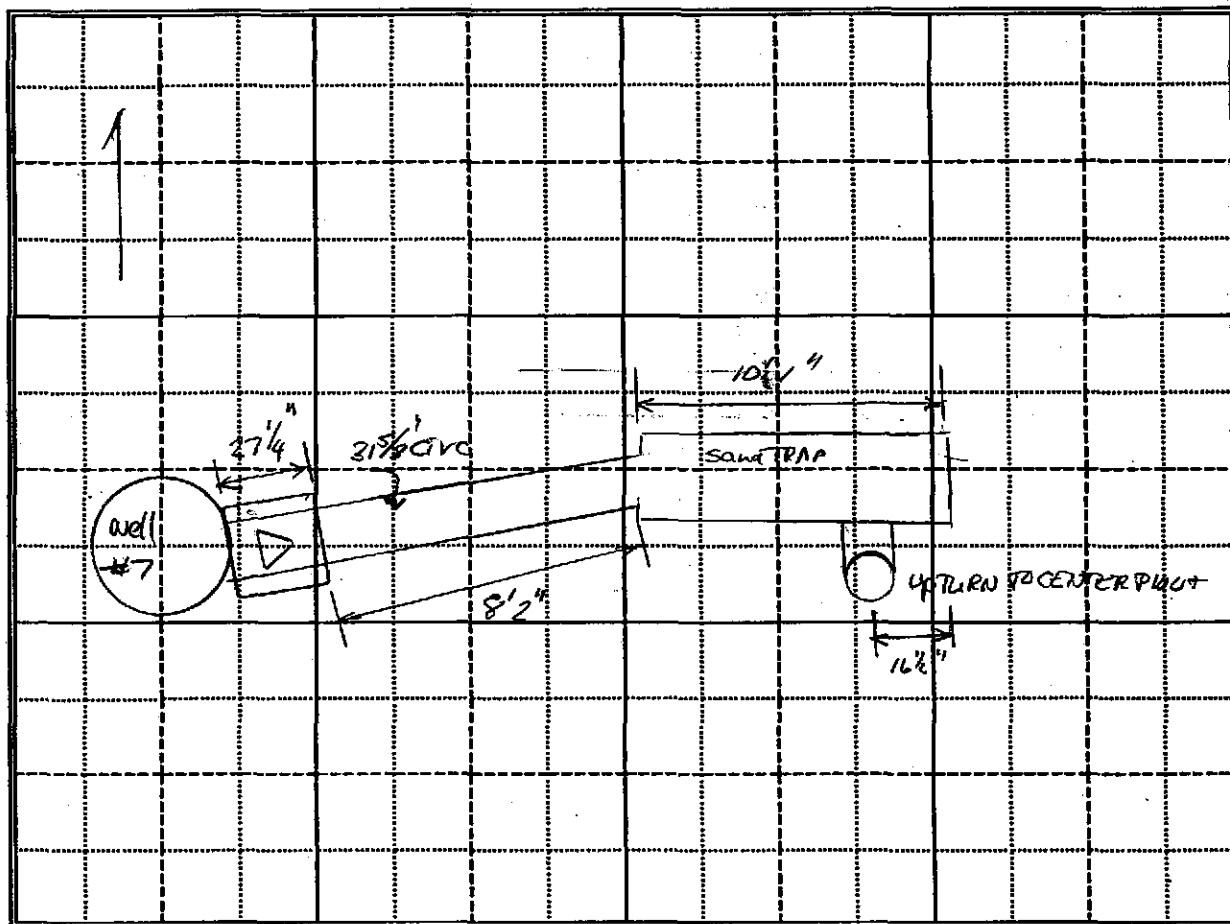
Pg 2 of 14

35-8924 B

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



Scale: 1" =

System #7

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.

Pg 12 of 14

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
#7	U.S. Electric	150	6502/ T028271R025R-15	Layne & Bouler	0-0027

*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
Portable Flow Meter	SONIC	PLYSOARS	TF-PC	UNKNOWN	-	-

2. Measurements:

64 psi G.W. Meas. Dist
Q7 = 985 gpm
Q8 = 2247 gpm

9-21-1989
Ekan 35-2000A Q = 7.21 cfs

*ATTACHMENTS A, B, & C

323111000-7.20 cfs
323111000-7.20 cfs

Pg 3 of 14

35-8924B

JUN 05 2002

E. NARRATIVE/REMARKS/COMMENTS

Two wells, pump with mainline to two pivots and laterals w sprinklers

GROUND WATER MEASUREMENT DISTRICT measured Total $Q = Q_{\#7} + Q_{\#8}$

$$Q_{TOTAL} = 985 \text{ gpm} + 2247 \text{ cfs} = 3232 \text{ gpm} = 7.20 \text{ cfs}$$

At the time of this measurement System #7 (well #7) & System #8 (well #8) were being operated as separate systems.

From my on site inspections wells #7 & #8 have been operated as a common system. It is the opinion of this examiner that combined well #7 & well #8 could easily deliver the total capacity measured on 9-21-1989 ($Q = 7.21 \text{ cfs}$ from well #8 only)

Well #8 (Jay North) and Pump have not changed from Exam for 35-7000A/7368A (9-21-1989)

RECOMMEND PERMISSIBLE PLACE OF USE

$$\text{Recommend rate per acre} = 7.21 \text{ cfs} / 426 \text{ ac} = 0.0169 \text{ cfs/ac}$$

35-8911 @ 1.30 cfs ($77 \text{ ac} \times 0.0169 \text{ cfs/ac}$) for 77 acres w/in 426 ac

35-8913 @ 0.17 cfs ($10 \text{ ac} \times 0.0169 \text{ cfs/ac}$) for 10 acres w/in 426 ac

35-8914 @ 0.20 cfs ($12 \text{ ac} \times 0.0169 \text{ cfs/ac}$) for 12 acres w/in 426 ac

35-8915 @ 0.37 cfs ($22 \text{ ac} \times 0.0169 \text{ cfs/ac}$) for 22 acres w/in 426 ac

(P4B) 35-8924 @ 0.12 cfs ($7 \text{ ac} \times 0.0169 \text{ cfs/ac}$) for 7 acres w/in 426 ac

35-8924B IN COMBINATION WITH 35-8911, 35-8913, 35-8914, and 35-8915 SHALL NOT EXCEED 7.21 cfs

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

Pg 4 of 14
35-8924B

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☒ Additional Computation Sheets Attached

Measured Method: $Q_{total} = 7.21 \text{ cfs}$ (Exam 9/21/1989 Jay North)

$$Q_{\text{Groundwater Measurement district}} = Q_{\#7} + Q_{\#8} = 985 \text{ gpm} + 2247 \text{ gpm} = 3232 \text{ gpm} = 7.20 \text{ cfs}$$

$$\text{Recommended rate/acre} = 7.21 \text{ lbs} / 426 \text{ ac} = 0.0169 \text{ lbs/acre}$$

$$Q_2 = (7ac \times 0.0169 \text{ cfs/ac}) = 0.12 \text{ cfs}$$

1. Volume Calculations for Irrigation:

$$V_{LR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 7 (4) = 28.0 \text{ cfs}$$

$$V_{D,R} = [\text{Diversion Rate (cfs)}] \times (\text{Days In Irrigation Season}) \times 1.9835 = 0.12 (214) 1.9835 = 50.9$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 28.0 \text{ afc}$$

2. Volume Calculations for Other Uses:

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion	Annual Volume
	From	To	Q (cfs)	V (afa)
IRRIGATION	4/1	60/31	0.12 cfs	28.0 afa
Totals:			0.12 cfs	28.0 afa

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

PERMISSIBLE PLACE
OF USE

I. AUTHENTICATION

Field Examiner's Name

Date 6-24-1994

35-8924 B

Reviewer

Date _____

Pg 5 of 14 ^{SEAL}

MICROFILMED

1994 05 2002

owner = Jay Stalworthy
 OFI = Stan & Kent Seale
 PIVOT 7
 6-29-98

Well Pump and Motor Information

PUMP DATA		MOTOR DATA	
Manufacturer	Y-LINE	Manufacturer	U.S. MOT.
Serial Number	0027	Serial Number	
Model Number		Rated Horsepower	150
Type		Rated Amps	179
Impeller Diameter		Rated Volts	460
Rated Speed		Rated Speed	1770
Rated Discharge		Phase	3
Rated Head		Service Factor	1.15

163 ac
 PIVOT
 SPR.
 WATT.

Booster Pump and Motor Information

PUMP DATA		MOTOR DATA	
Manufacturer		Manufacturer	
Serial Number		Serial Number	
Model Number		Rated Horsepower	
Type		Rated Amps	
Impeller Diameter		Rated Volts	
Rated Speed		Rated Speed	
Rated Discharge		Phase	
Rated Head		Service Factor	

Well #7

well #7

Power and Water Metering Information

KILOWATT-HOUR METER		WATER MEASUREMENT EQUIPMENT and PIPE INFORMATION	
Utility	PACIFICORP	Std Meter Manufacturer	POLYSONICS
Pole No.		Std Meter Model No.	TF-PZ
Meter Manufacturer	LANDIS & G.	Std Meter Type	☒ Sonic Pyg Collins Hall Anub Dye/chem Other
Meter Serial No.	32412906	Std. Meter Confidence	☒ Exl ☐ Good ☐ Fair ☐ Poor 2% 5% 10% >10%
Disc Constant(Kh)	3.6	PSI gauge ID location = disch head?	☒ District / Owner Yes / No
Rated Voltage	480	Pipe material	STEEL
Demand	3.39	Pipe Outside Diameter	10"
Multiplier (Mult)	40	Pipe Inside Diameter	t=0.105
CTR (Current) PTR (Voltage)	///	Distance of straight pipe upstream and down	Upstream /Down 6/3

35-8924B

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 JUN 05 2002

Pg 6 of 14

Determination of Power Consumption Coefficient

well #7

Kilowatts of Energy Consumed

$KW = 3.6 \times Kh \times \text{Multiplier} \times \text{No. of revolutions}(N) \div \text{Time}(T) \text{ in seconds per } N$

Cond.#1 $N = 6$ (No. of Disc Rev) Time (sec) = $(24.3) + (24.4) + (24.8) / 3$

$3.6 \times 3.6(Kh) \times 40(\text{Mult}) \times 6(N) \div 24.4(T) =$

Cond.#2 $N =$ (No. of Disc Rev) Time (sec) = $() + () + () / 3$

$3.6 \times (Kh) \times (Mult) \times (N) \div (T) =$

Cond.#3 $N =$ (No. of Disc Rev) Time (sec) = $() + () + () / 3$

$3.6 \times (Kh) \times (Mult) \times (N) \div (T) =$

OUTER DIAMETER
10.0000 IN

PIPE MATERIAL
CS, SS

WALL THICKNESS
0.1059 IN

SPACING
7.516 IN U

17:44+995.400E 00GPM 00R
+00000 *10 G 00R
-00000 *10 G 00R

17:49+986.946E 00GPM 00R
+00493 *10 G 00R
-00000 *10 G 00R

17:54+985.626E 00GPM 00R
+00985 *10 G 00R
-00000 *10 G 00R

Measured Flow Rate and Discharge Pressure - Enter flow rate as determined by water measurement meter in GPM, and discharge pressure measured in PSI. Documentation to support data such as notes, printout tapes etc.

GPM Cond. #1 985 #2 #3

PSI Cond. #1 80 #2 #3

well #7

well #7

Power Consumption Coefficient (PCC) = $KW \times 5431 \div GPM$

PCC Cond. #1 = $(KW) \times 5431 \div (gpm) =$ (kWh/ac.ft)

Percent of seasonal use 100 Description

PCC Cond. #2 = $(KW) \times 5431 \div (gpm) =$ (kWh/ac.ft)

Percent of seasonal use Description

PCC Cond. #3 = $(KW) \times 5431 \div (gpm) =$ (kWh/ac.ft)

Percent of seasonal use Description

Is the system operator required to track and report changes in system operation? Yes / No
(see form PCC3)

System Type (all that apply) Pivot linear / Wheel In / Hand In / Gated pipe, flood / Drip / Open ditch

Water Level Data

Does the well have access to measure water levels? Yes / No

Is this well part of USGS, IDWR, or another network of water level monitoring wells? Yes / No / Uncertain

Static Water Level ft Pumping Water Level ft (at condition #)
Date Date

35-8924B

R. D. Hawkes 6-29-98

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JUN 05 2002

Pg 7 of 14

OWNER = JAY STOLWORTHY
OP = STAN & KENT SEARLE

Well Pump and Motor Information

"PIVOT #8"

7-2-98

PUMP DATA		MOTOR DATA	
Manufacturer	JOHNSTON	Manufacturer	WEST.
Serial Number		Serial Number	
Model Number		Rated Horsepower	400
Type		Rated Amps	455
Impeller Diameter		Rated Volts	440
Rated Speed		Rated Speed	1780
Rated Discharge		Phase	3
Rated Head		Service Factor	

Booster Pump and Motor Information

PUMP DATA		MOTOR DATA	
Manufacturer		Manufacturer	
Serial Number		Serial Number	
Model Number		Rated Horsepower	
Type		Rated Amps	
Impeller Diameter		Rated Volts	
Rated Speed		Rated Speed	
Rated Discharge		Phase	
Rated Head		Service Factor	

Power and Water Metering Information

KILOWATT-HOUR METER		WATER MEASUREMENT EQUIPMENT and PIPE INFORMATION	
Utility	PACIFICORP	Std Meter Manufacturer	POLYSONICS
Pole No.		Std Meter Model No.	TF-PZ
Meter Manufacturer	L & G	Std Meter Type	Sonic Pyg Collins Hall Anub Dye/chem Other
Meter Serial No.	32412879	Std. Meter Confidence	Ext. Good Fair Poor 2% 5% 10% >10%
Disc Constant(Kh)	3.6	PSI gauge ID location = disch head?	District Owner Yes/No
Rated Voltage	480	Pipe material	STEEL
Demand	4.26	Pipe Outside Diameter	14
Multiplier (Mult)	80	Pipe Inside Diameter	t = .22
CTR (Current) PTR (Voltage)	1111	Distance of straight pipe upstream and down	Upstream/Down 3/1

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JUN 05 2002

Pg 8 of 14

35-8924B

103 AC
WIPEE
PIVOT

27 AC
+ HE

100 AC
HE

230 AC
TOT

SPR
WHT

Well #8

Well #8

well #8

Determination of Power Consumption Coefficient

Kilowatts of Energy Consumed

KW = $3.6 \times Kh \times \text{Multiplier} \times \text{No. of revolutions (N)} \div \text{Time (T) in seconds per N}$

Cond.#1 N = 10 (No. of Disc Rev) Time (sec) = (30.8 + 30.6 + (-)) / 3 =

$3.6 \times 3.6 (Kh) \times 80 (Mult) \times 10 (N) \div 30.7 (T) =$

Cond.#2 N = _____ (No. of Disc Rev) Time (sec) = (____) + (____) + (____) / 3 =

$3.6 \times \text{_____} (Kh) \times \text{_____} (Mult) \times \text{_____} (N) \div \text{_____} (T) =$

Cond.#3 N = _____ (No. of Disc Rev) Time (sec) = (____) + (____) + (____) / 3 =

$3.6 \times \text{_____} (Kh) \times \text{_____} (Mult) \times \text{_____} (N) \div \text{_____} (T) =$

OUTER DIAMETER
14.0000 IN

PIPE MATERIAL
CS, SS

WALL THICKNESS
0.2200 IN

SPACING
11.142 IN U

11:56+ 2.276E 3GPM 00R
+01649 *10 G 00R
-00000 *10 G 00R

12:01+ 2.266E 3GPM 00R
+01123 *10 G 00R
-00000 *10 G 00R

12:06+ 2.269E 3GPM 00R
+02247 *10 G 00R
-00000 *10 G 00R

Measured Flow Rate and Discharge Pressure - Enter flow rate as determined by the "standard" water measurement meter in GPM, and discharge pressure measured in PSI. Attach documentation to support data such as notes, printout tapes etc.

GPM Cond. #1 2247 #2 § #3 §

PSI Cond. #1 105 #2 § #3 §

Power Consumption Coefficient (PCC) = KW × 5431 ÷ GPM

PCC Cond. #1 = _____ (KW) × 5431 + _____ (gpm) = _____ (kWh/ac.ft)

Percent of seasonal use _____ Description _____

PCC Cond. #2 = _____ (KW) × 5431 + _____ (gpm) = _____ (kWh/ac.ft)

Percent of seasonal use _____ Description _____

PCC Cond. #3 = _____ (KW) × 5431 + _____ (gpm) = _____ (kWh/ac.ft)

Percent of seasonal use _____ Description _____

Is the system operator required to track and report changes in system operation? Yes / No
(see form PCC3)

System Type (all that apply): Pivot / linear / Wheel in / Hand in / Gated pipe / flood / Drip / Open ditch

Water Level Data

Does the well have access to measure water levels? Yes / No

Is this well part of USGS, IDWR, or another network of water level monitoring wells? Yes / No / Uncertain

Static Water Level _____ ft Pumping Water Level _____ ft (at condition # _____)

Date _____

Date _____

R.D. Hawkes 7-2-98

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JUN 05 2002

Pg 9 of 14

35-8924B

Pivot
+
4 1/2
feet

well #8

well #8

gets stuck

35-7000A
35-7368A

JAY NORTH 9-21-1989

HALLS METER FLOW CALCULATIONS

$$Q \text{ cfs} = \frac{11.8 (Id)^{3/2} (Vh)}{448.8}$$

$$= 0.78539 (Id)^{3/2} Vh / 448.8$$

Manometer Reading = 28.8 - 7.8 = 21

Vh = 22.4 Id = 13.5625

$$Q \text{ cfs} = 0.78539 (13.5625)^{3/2} (22.4) / 448.8$$

$$Q = \underline{7.21} \text{ cfs}$$

35-7368A @ 4.65 cfs / 1160 ac
= 0.004 cfs/ac

35-7000A @ 18.55 cfs / 1160 ac
= 0.016 cfs/ac

Acres under this portion of permit
= 298 ac

298 ac @ 0.02 cfs/ac = 5.96 cfs

0.004 cfs/ac (298 ac) = 1.19 cfs

0.016 cfs/ac (298 ac) = 4.77 cfs

5.96 cfs < 7.21 cfs
ac @ 0.02 cfs/ac capacity

∴ Recommend @ 0.02 cfs/ac
= 5.96 cfs (1.19 cfs + 4.77 cfs)

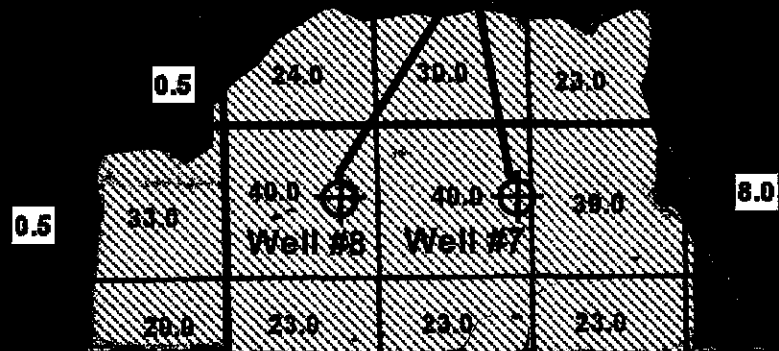
MEASUREMENT: 9-21-1989
JAY NORTH (well/system #8)

MANOMETER READING INCHES OF WATER TO COX/HALLS METER - 7

	0	1	2	3	4	5	6	7	8	9
0	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
1	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19
2	0.20	0.21	0.22	0.23	0.24	0.25	0.26	0.27	0.28	0.29
3	0.30	0.31	0.32	0.33	0.34	0.35	0.36	0.37	0.38	0.39
4	0.40	0.41	0.42	0.43	0.44	0.45	0.46	0.47	0.48	0.49
5	0.50	0.51	0.52	0.53	0.54	0.55	0.56	0.57	0.58	0.59
6	0.60	0.61	0.62	0.63	0.64	0.65	0.66	0.67	0.68	0.69
7	0.70	0.71	0.72	0.73	0.74	0.75	0.76	0.77	0.78	0.79
8	0.80	0.81	0.82	0.83	0.84	0.85	0.86	0.87	0.88	0.89
9	0.90	0.91	0.92	0.93	0.94	0.95	0.96	0.97	0.98	0.99

35-8924B

Points of Diversion



**T
1
N**

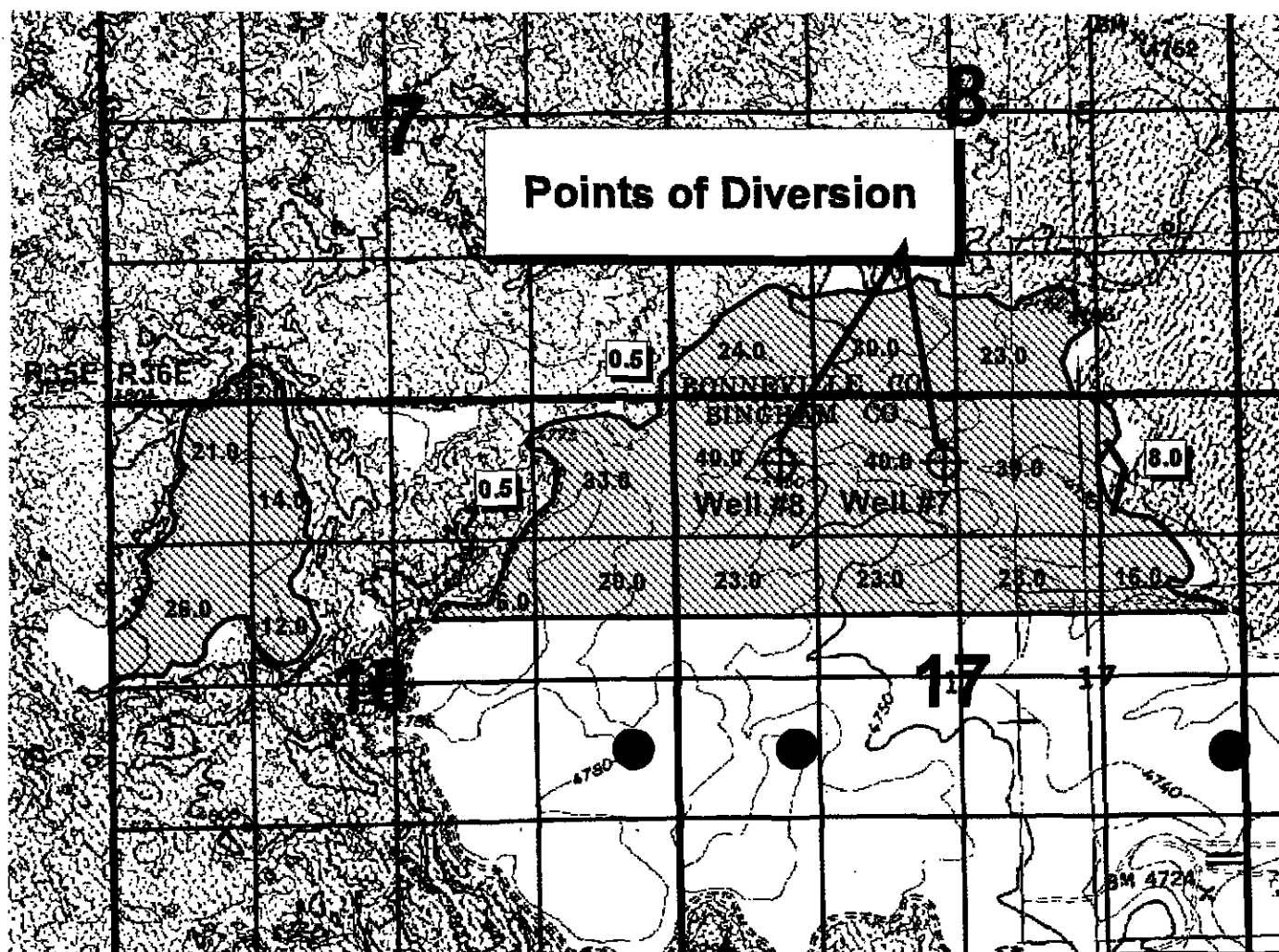
R36E

**Permissible Place of Use
35-8911, 35-8913, 35-8914,
35-8915, Part 35-8924
Plus Lic 35-7000A/7368A**

Pg 11 of 14

MICROFILMED
JUN 05 2002

35-08924B



T R36E
1
N

Permissable Place of Use
35-8911, 35-8913, 35-8914,
35-8915, Part 35-8924
Plus Lic 35-7000A/7368A

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35-08924B



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35-89248

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JUN 05 2002



Photo 8-25-1998

35-8924B

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MICROFILMED

SEP 05 2002

NOVE

T25720
465

T25720
465

ALL NAEL

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R36E

18

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8

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4
36.0

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2
11.9

3
5.0

VDN
A9

136.4

14a
10.9

9a
11.9

9 18

17

19

20

13 18

24 19

ATTACHMENT "A"

FSA AERIAL FOR INFO ONLY

35-8924B

MICROFILMED

JUN 05 2002

R36E

T25720

465

#8

3

7

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95.2

1007

29

R36E

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16

17

4

3

176

92
11.9

14a
10.9

17

16

20

21

16

15

21

22

27

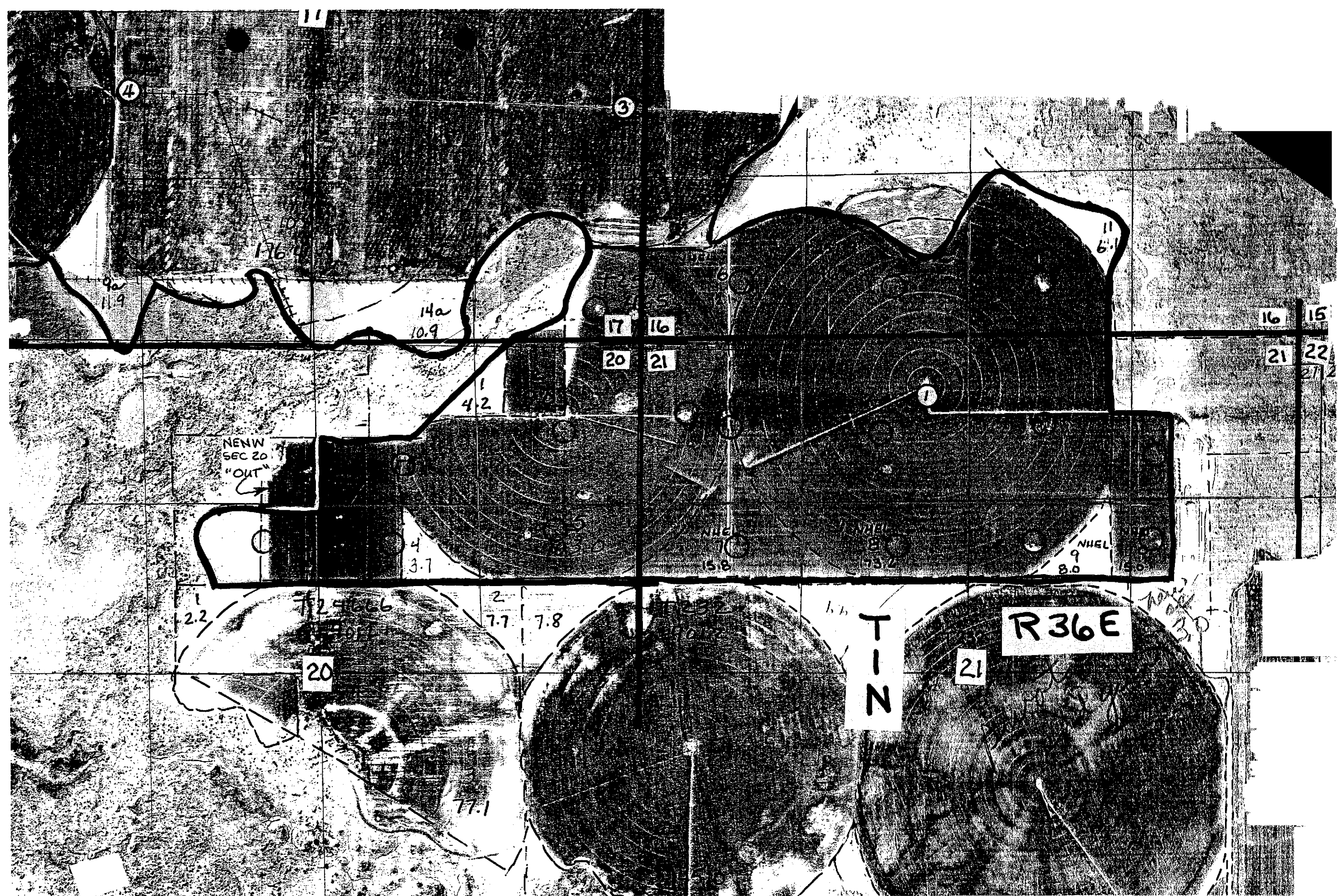
ATTACHMENT "B"

FSA AERIAL FOR INFO ONLY

35-8924B

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JUN 05 2002



ATTACHMENT C

FSA aerial
Informational Purpose
ONLY

35-8924B

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JUN 05 2002



State of Idaho

DEPARTMENT OF WATER RESOURCES

900 N. Skyline Dr., Suite A, Idaho Falls, ID 83402-1718 • Phone: (208) 525-7161 FAX: (208) 525-7177

EASTERN REGION

DIRK KEMPTHORNE
Governor

KARL J. DREHER
Director

Memorandum

TO:

January 29, 2002

FILES 35-8911, 35-8913, 35-8914, 35-8915, 35-8924B
35-8912, 35-8924A
35-8910, 35-8920

FROM: Keith C. Wilson – Senior Resource Agent – Eastern

RE: Acreage calculations

The total irrigated acres, for each system(s) covered by these permits, was determined using a planimeter and the FSA aerials. Arc View was used to draw the place of use as shown on the FSA aerials and to determine the irrigated acres per quarter-quarter. To insure accuracy, the irrigated acres (determined by using the planimeter) were compared to the acres per quarter-quarter from Arc View.

A handwritten signature in cursive script that reads "Keith C. Wilson".

Keith C. Wilson
Senior Resource Agent

Attachment "D"

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35-8924B

JUN 05 2002