

R 29E

R29E

35-08186

4 3
9 10

3 2
10 11

T-10-1
Diversion

Not To Scale

G-10

35-02261

9 10
16 15

10 11
15 14

Point of
Diversion

#1052
Keith
Phillips
2- NHEL
133.4
T
7
S

Cecil
Weisenburger

#798
Arthur Adolf
(Sherman QW)

#798
Arthur Adolf

#884
Ralph Brashaw

RECORDED

AUG 26 1993

16 15
21 22

15 14
22 23

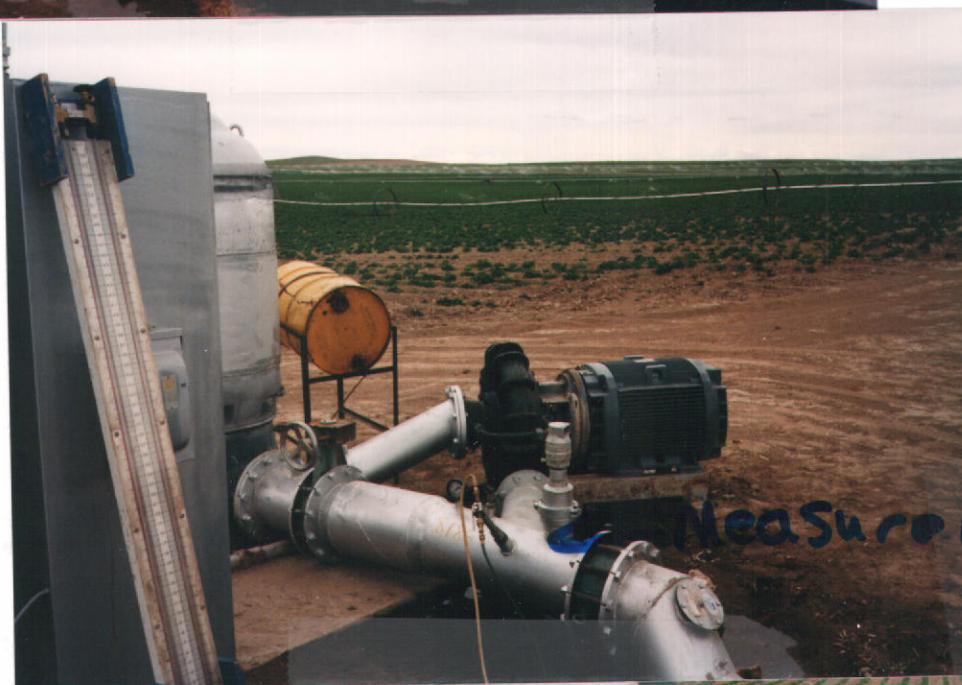
Visiting Rd.

Rest Rd.

23



35-8186/
35-08899



Measurement Port



MEASUREMENT PORT

AUG 26 1993

REAE



State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 35-08186

Priority: June 17, 1983

Maximum Diversion Rate: 1.48 CFS
Maximum Diversion Volume: 296.0 AF

This is to certify, that FERD GEHRING & SON INC
740 CALDER

AMERICAN FALLS ID 83211 has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated June 17, 1983; and has submitted Proof of Beneficial Use on June 6, 1989. An examination indicates that the works have a diversion capacity of 9.320 cfs of water from a GROUNDWATER source, and a water right has been established as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>ANNUAL VOLUME</u>
IRRIGATION	04/01 to 10/31	1.48 CFS	296.0 AF

LOCATION OF POINT(S) OF DIVERSION: SWNE , Sec. 10, Township 07S, Range 29E
NWNE , Sec. 15, Township 07S, Range 29E
POWER County

<u>PLACE OF USE:</u>	<u>IRRIGATION</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
<u>TWN</u>	<u>RGE</u>	<u>SEC</u>			
07S	29E	3	NESE 37	SESE 37	74
Total number of acres irrigated:					74

CONDITIONS/REMARKS:

1. The maximum diversion volume is defined as the maximum allowable volume of water that may be diverted annually from the source under this right. The use of water confirmed by this right limited to the amount that can actually be beneficially use 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. Right No. 35-02261 is also diverted through points of diversion described above.

AUG 26 1993

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 35-08186

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 23rd
day of AUGUST, 1993.

Acting for R. Keith Higginson, Director

1993 6 1993

RECEIVED
JUN 08 1989

Department of Water Resources

STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

PROOF OF BENEFICIAL USE

For Office Use Only

Fee Received 125.00

Date 6/6/89

Receipt # COMP 244

Receipt by R. L. King

Reviewed by [Signature]

Sent to region 10-21-84

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

Permit No. 35-8186

Name(s) of Permit Holder: Ferd Gehring & Son Inc ✓

Post Office Address: 740 CALDEX, AMERICAN FALLS, IDAHO 83211 ✓

Telephone No. 226-2540

Source of Water: GROUNDWATER ✓

Extent of Use:

Domestic _____ (number of households) Stockwater _____ (number and type of stock)

Irrigation 80 ✓ (acres) Other/Remark _____

Total rate and/or volume for which proof is submitted 1.60 cfs _____ acre-feet

Show the date water was first diverted and beneficially used under this permit: APRIL 1980 ✓

Measuring Device: Required? ☐ Yes ☐ No
Installed? ☐ Yes ☐ No
Fee enclosed \$ 125.00
(See License Examination Fee Schedule)

Flow Measurement Port: Required? ☒ Yes ☐ No
Installed? ☒ Yes ☐ No

Person to contact to accompany the Department representative during the field examination:
GARY GEHRING - 226-2142 or Ferd Gehring - 226-2546
(Name) (Telephone Number)

3648 GEHRING LANE, AM. FALLS, IDAHO 83211 740 CALDEX AM. FALLS, IDAHO 83211
(Address)

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

5-31
Date
Ferd Gehring & Son Inc. by Ferd Gehring ✓
Signature of Permit Holder (and title, if appropriate)

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

APPROVED

1. Name of applicant Ferd Gehring & Son Inc. Phone 226-2540

Post office address 740 Calder, American Falls, ID 83211

2. Source of water supply groundwater which is a tributary of _____

3. Location of point of diversion is SW $\frac{1}{4}$ of NE $\frac{1}{4}$ of Section 10 Township 7S

Range 29E B.M. Power County, additional points of diversion if any: _____

NW $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 15, T. 7S, R. 29E

4. Water will be used for the following purposes:

Amount 1.60 cfs for irrigation purposes from 4/1 to 11/1 (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:

a. 1.60 cubic feet per second and/or b. _____ acre-feet per annum.

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. two wells with 3 phase electric
pumps and sprinkler system

b. Height of storage dam _____ feet, active reservoir capacity _____ acre-feet; total reservoir
capacity _____ acre-feet, materials used in storage dam: _____

Period of year when water will be diverted to storage _____ to _____ inclusive.
(Month/Day) (Month/Day)

c. Proposed well diameter is 18 inches; proposed depth of well is 260 feet.

7. Time required for the completion of the works and application of the water to the proposed beneficial
use is 5 years (minimum 1 year — maximum 5 years).

8. Description of proposed uses:

a. If water is not for irrigation:

(1) Give the place of use of water: _____ $\frac{1}{4}$ of _____ $\frac{1}{4}$ of Section _____ Township _____
Range _____ B.M.

(2) Amount of power to be generated: _____ horsepower under _____ feet of head.

(3) List number of each kind of livestock to be watered _____

(4) Name of municipality to be served _____, or number of families to be
supplied with domestic water _____

(5) If water is to be used for other purposes describe: _____

JUL 17 1989

Both wells are covered by license #G-73123 for irrigation of

10. Remarks	Irrigation of land listed on this permit began in April, 1980.
-------------	---

applicant to make this filing

c. If the property is owned by a person other than the applicant, describe the arrangement enabling the

b. Who owns the land to be irrigated or place of use

Applicant

9. a. Who owns the property at the point of diversion

Applicant

c. Describe any other water rights used for the same purposes as described above. None

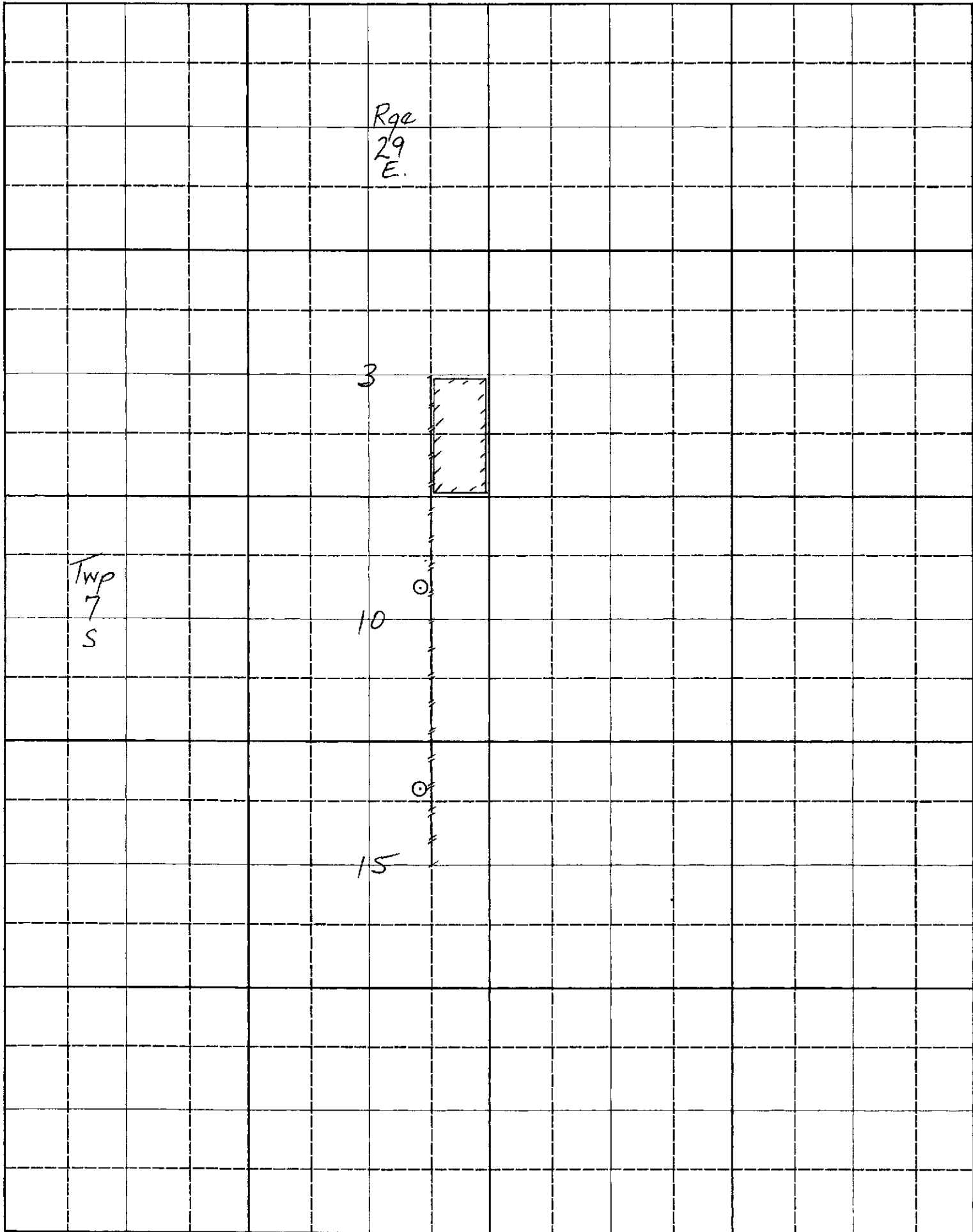
Total number of acres to be irrigated

08

[illegible]

b. If water is for irrigation, indicate acreage in each subdivision in the tabulation below:

11. 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.

MICROFILMED

JUL 17 1989

Larry M. Helt
(Applicant)

Received by BMC Date 6-17-83 Time 2:15
Preliminary check by KW Fee \$ 65.00
Received by QW Date 6-17-83 # 30229
Publication prepared by XB Date 8-24-89
Published in Boyer County Press
Publication dates 3-2, 3-9-89
Publication approved QW Date 3-28-89
Protests filed by: None
Copies of protests forwarded by _____
Hearing held by _____ Date _____
Recommended for (approval) denial by HUT

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. 35-8186, and said application is hereby APPROVED.

1. Approval of said application is subject to the following limitations and conditions:

a. SUBJECT TO ALL PRIOR WATER RIGHTS.

b. Proof of construction of works and application of water to beneficial use shall be submitted on or before June 1, 19 90.

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

Prior to the diversion of water under this permit 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.

Witness my hand this 23rd day of May, 1989.

A. New Taylor

DEPT

MAY 17 1989



State of Idaho

DEPARTMENT OF WATER RESOURCES

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

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

CECIL D. ANDRUS
GOVERNOR

R. KEITH HIGGINSON
DIRECTOR

August 23, 1993

FERD GEHRING & SON INC
740 CALDER
AMERICAN FALLS ID 83211

RE: WATER RIGHT NO. 35-08186

Dear Water Right Holder(s):

Enclosed herewith is a copy of the Water Right License issued on the above referenced permit.

Sincerely,

A handwritten signature in black ink, appearing to read 'Jim Johnson', with a long horizontal line extending to the right.

JIM JOHNSON
Water Rights Supervisor

JJ:dc

Enclosure

RECEIVED

AUG 26 1993

WR0749NP
No. L35-08186

IDAHO DEPARTMENT OF WATER RESOURCES
WATER RIGHT PROFILE REPORT
(REGIONAL)

DATE: 08/10/93
PAGE: 1

OWNER CODE	NAME & ADDRESS	PRIORITY	WATER USE	USE PERIOD		DIVERSION RATE	DIVERSION VOLUME
		DATE		FROM	TO		
C	FERD GEHRING & SON INC 740 CALDER AMERICAN FALLS ID 83211 (208) 226-2540	06/17/1983	IRRIGATION	04-01	10-31	1.48 CFS	296.0 AFA
TOTAL DIVERSION:						1.48 CFS	296.0 AFA

Water Source: GROUNDWATER

Tributary to:

Stage: LICENSE

Point(s) of Diversion Capacity: 9.32 CFS

Point(s) of Diversion: T07S R29E S10 SW NE
S15 NW NE

Place of use Legal Description for: IRRIGATION

				NE				NW				SW				SE										
				NENE	NWNE	SWNE	SENE	:	NENW	NWNW	SWNW	SENW	:	NESW	NWSW	SWSW	SESW	:	NESE	NWSE	SWSE	SESE	:			
T	R	S	:	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	:	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	:	SUM
07S	29E	3	:					:					:					:							:	74.0
																						TOTAL ACRES			74.0	

Pou County: POWER

Other Water Rights with Same Point(s) of Diversion and Source:
35-02261 35-08186

Other Water Rights Listing Overlapping Place(s) of use:
35-08186

Remarks: Right No. 35-02261 is also diverted through points of diversion described above.

Dates: App. Received: 06/17/1983 Priority Date: 06/17/1983
Proof Due Date: 06/01/1990 Proof Made Date: 06/06/1989
Exam Made Date: 06/26/1991 Exam Sent to S.O.: 08/02/1993
Licensed Date:

Misc: Water District Number: Field Exam Fee: R (Received)

Audit: 08/10/93 CHAPMAN

DATE: 08/10/93
PAGE: 1

[illegible]

WR-NUMBER	SOURCE	NE				NW				SW				SE				SUM
		NE		NW		SW		SE		NE		NW		SW		SE		
		Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	
L3508186	T07S R29E S 3	GROUNDWATER																
	:													37				37
	:																	
3507941	GROUNDWATE :	39				40				39				40				39
A3507941	GROUNDWATE :	39				40				39				40				39
R3507941	GROUNDWATE :	02-32				40				03-32				40				39
3508186	GROUNDWATE :																	40
A3508186	GROUNDWATE :																	40
3508899	GROUNDWATE :	40				40												
3508941	GROUNDWATE :					04-33				39				39				38
	C77Q-AA 84 :					39				39				11				37
NO QTRS	MAPPING	Lot01-30				Lot02-30				Lot03-30				Lot04-03				

LICENSE REVIEW CHECKLIST

Permit # 35-8186

Date 8-10-93

Brenda Chapman

NAME Yes No Or Address Change?

PRIORITY DATE Advance? Memo to Advance

 Order to Reinstate Needed?

SOURCE Changes? Clarification of Originally Intended source

 Notice of Intent to Void - Source change.

P/D Amendment Needed?

 Is Overlap Analysis a Consideration?

P/U Amendment Needed?

 Is Overlap Analysis a Consideration?

SEC 15 THEORETICAL
WELL TOTAL CFS
8.8 x .70 x 200 HP
210 + 2.31 x 65 psi = 3.42 CFS
annubar measurement also

 Incorrect Fee for rate recommended?
 Disagree/Measurement 21 x 33 x 6 = 4158 gpm = 9.27 CFS
 Pumping Theoretical 8.8 x .70 x 250
 well T-10-1 (270 + 2.31 x 65) = 5.6 CFS
 System Capacity 9.32
 Allowable Amount: 74 x .02 = 1.48 CFS

SEC 15 = 3.67 CFS
WELL TOTAL VOLUME
T-10-1 = 5.65 CFS
WELL
TOTAL = 9.32 CFS

Rate/ac 4.0 AFA Irr. Season C
4-1 to 10-31 Standard Irr. Season
Season Recommended
 Disagree with Examiner's Calculations?
 74 x 4.0 = 296 AF
 Flow limit: 1.48 x 214 x 1.9835 = 628

USES Change(s) in Nature of Use?

 Amendment Needed?

REMARKS Multiple P/Ds in 1/4 1/4?

 Non-Irr. Uses

 Special Overlap Condition Combined amount with
 Other 35-2261 (7.18 CFS) does NOT exceed capacity.

CONDITIONS Measuring/Locking Devices Misc/Dates

 W/Master Control Water Dist

 Irrigation Overlap App Rec'd

 Water Quality Exam Made

COMMENTS: REDUCE RATE and ACRES ; Examiner states 35-8899 also has
same P/E's - NOT according to file + database.

RECOMMENDED	CFS	VOL
Irrigation	<u>1.48</u>	<u>296</u>
Domestic	<u> </u>	<u> </u>
Stockwater	<u> </u>	<u> </u>

LICENSE Exam not
 Rec'd yet.
AMEND Cannot verify
 P/D. J

* Claim filed - NO R-FILE yet

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

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AUG 05 1993

Department of Water Resources

A. GENERAL INFORMATION

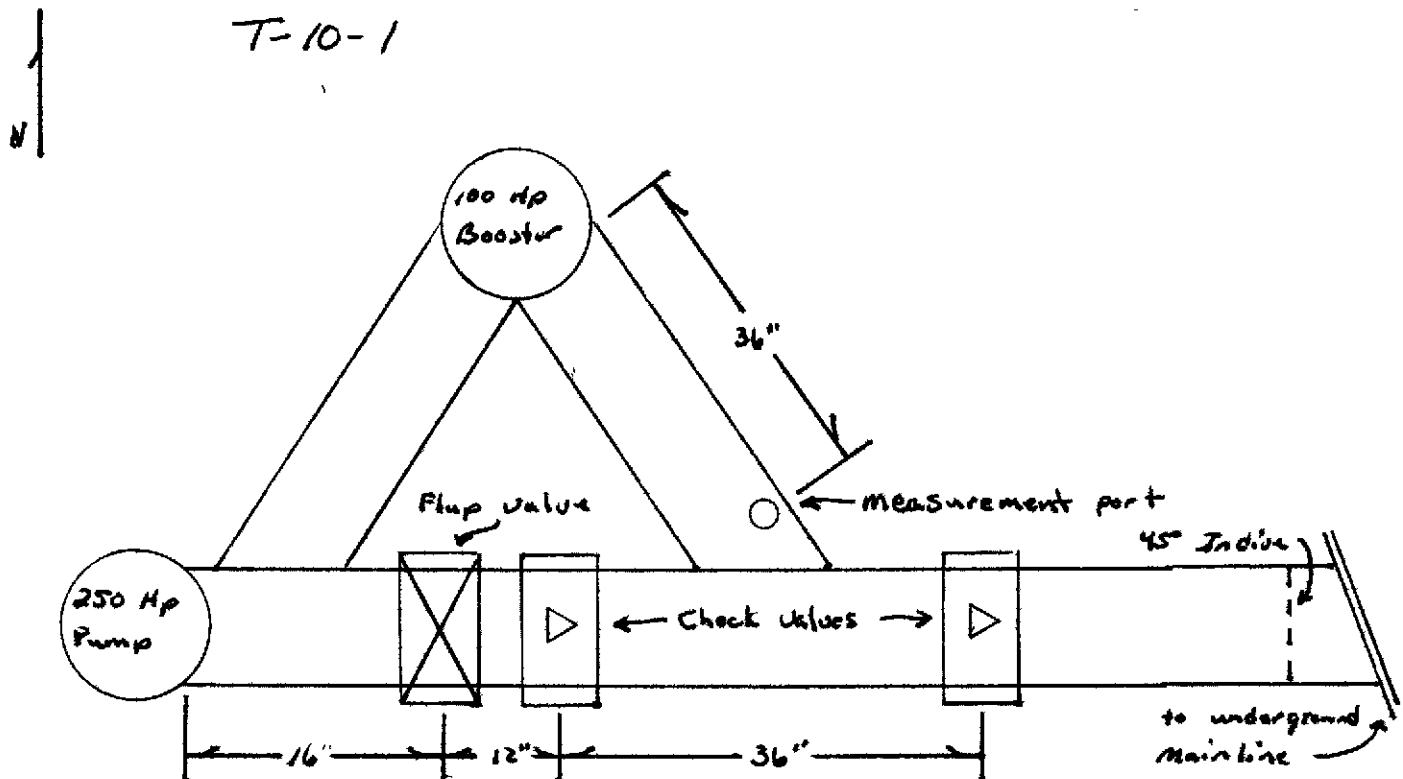
Permit No. 35-8186
1. Owner: Ferd Gehring & Sons Inc. Phone No. 226-2540
Current Address 740 Calder, American Falls, Id 83211
2. Accompanied by: Gary Gehring EXAM. DATE: 6-26-91
Address 3648 Gehring Ln American Falls Phone No. 226-2142
Relationship to Permit Holder: Son
3. Source: ground water tributary to _____

B. OVERLAP REVIEW

1. Other water rights with same place of use _____ ☐ Copies Attached
2. Other water rights with same point of diversion: 35-2261 & 35-3899
_____ ☒ Copies Attached ☒ Copies of Field Exam's Attached

C. SYSTEM DESCRIPTION

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



Scale: 1" = _____

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

AUG 26 1993

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

200 hp pump to 18" pipe to 12" underground mainline to 250 hp pump to 10" pipe to 100 hp booster pump to 10" pipe to 12" underground mainline to 21 - $\frac{1}{4}$ mile wheel lines with 33 ~~bar~~ logan flow control birds operating at 60 psi.

* according to Chart pump T-10-1 is app. 260' to water and
 set 15 pump is app. 200' to water.

☐ See Remarks on page 4 for continuation

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
T-10-1	US Electric	250	876062	Laguna	25364
Booster	G.E.	100	65660233	Cornell	27913
Sec 15	US Electric	200	979277	Laguna	33604

5. Point(s) of Diversion:

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

Ident. No.	Gov't. Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
T-10-1			Sus WE	10	7S	29E	Power	Power	Quad map + onsite inspection
Sec 15			NW NE	15	7S	29E	Power	Power	Quad map + onsite inspection

6. Place(s) of Use:

Indicate Method of Determination.

[illegible]

Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
Flow metering station	Oranbar	Dieterich	7517-316-55	191146	10.02	-
Flow Indicator	Manometer	IDWR	-	-	60"	-
Pressure Gage	Fluid	Rainbird	-	-	0-160	-

2. Measurements:

operating pressure is 60 psi

E. FLOW CALCULATIONS

☒ Additional Computation Sheets Attached

1. Measured Method.

2. Alternate Method for Checking Purposes:

F. PUMP EFFICIENCY DATA (Optional)

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

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

Water HP (3) x (4) ÷ 8.8 = _____ (5)

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

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

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

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

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 74 \times 4 = 296 \text{ AFA}$

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

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

2. Volume Calculations for Other Uses:

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H. REMARKS AND OVERLAP REVIEW ANALYSIS

Combined rate of diversion for rights 35-02261 & this right shall not exceed 2.6 cfs

Right 35-02261 is also diverted through the same points of diversion.

NOTE: Permit 35-08899 is also vested by the same points of diversion. The remainder of the system capacity will be licensed under that right.

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use

Irrigation

From

Period of Use To

4-1 10-31

Rate of Diversion

1.48 cfs

Annual Volume

V (afa)

296 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

J. AUTHENTICATION

Field Examiner's Name

Gregory Davis

Signature

Gregory Davis

Certification Date

Field Report Preparation Date

CONSULTANT SEAL

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

State of Idaho
DEPARTMENT OF WATER RESOURCES
SUPPLEMENTAL FIELD REPORT FOR ANNUBAR MEASUREMENT

Measured by: Gary Buss Date 6-26-91
Owner: Gary Gehring Permit No. 35-8186 / 35-08899

T-10-1

Description of well &/or measuring site

- Include any clarifications of the sketch
- Include legal description if more than one p.d. is described in the Field Report

MEASURED INSIDE PIPE DIAMETER IN INCHES (ID)

CIR = Pipe Circumference in Inches = 33.75
T = Pipe Thickness in Inches = .135
ID = $2 [(0.1592 \times \text{CIR}) - T] = \dots\dots\dots$ 10.48

28 - $\frac{1}{4}$ lines, 33 - 6 gpm Flow control
birds at 60 psi.

ANNUBAR DESCRIPTION & CONSTANT (C)

Size Used in Test 10.02
State ID No. 91417

Select C based on size from Table below.

Nominal Pipe Size	C
4"	4.23
6"	3.75
8"	3.87
10"	<u>3.94</u>
12"	3.99
14"- 16"	4.01
18"- 24"	4.02
30" or larger	4.03

C selected 3.94

DIFFERENTIAL PRESSURE READING IN INCHES OF H₂O (H)

High Reading = 47.3
Low Reading = 12.9
High - Low = H = 34.4

CALCULATION OF DISCHARGE IN CFS (Q)

$$Q = \frac{(ID)^2 (\sqrt{H}) (C)}{448.8}$$
$$Q = \frac{(10.48)^2 (\sqrt{34.4}) (3.94)}{448.8} = \frac{5.66 \text{ cfs}}{2538.09 \text{ gpm}}$$

SKETCH (If not shown on Field Report)

AUG 26 1993

State of Idaho
DEPARTMENT OF WATER RESOURCES
SUPPLEMENTAL FIELD REPORT FOR ANNUBAR MEASUREMENT

Measured by: Gary

Date 6-26-91

Owner: Gary Gehring

Permit No. 35-8186/35-08899

Description of well &/or measuring site

- Include any clarifications of the sketch
- Include legal description if more than one p.d. is described in the Field Report

NW NE² Sec 15

MEASURED INSIDE PIPE DIAMETER IN INCHES (ID)

CIR = Pipe Circumference in Inches = 33.75
T = Pipe Thickness in Inches = .135
ID = $2 [(0.1592 \times \text{CIR}) - T] = \dots\dots\dots$ 10.48

ANNUBAR DESCRIPTION & CONSTANT (C)

Size Used in Test 10.02
State ID No. 91417

Select C based on size from Table below.

Nominal Pipe Size	C
4"	4.23
6"	3.75
8"	3.87
<u>10"</u>	<u>3.94</u>
12"	3.99
14" - 16"	4.01
18" - 24"	4.02
30" or larger	4.03

C selected 3.94

DIFFERENTIAL PRESSURE READING IN INCHES OF H₂O (H)

High Reading = 37.6
Low Reading = 23.1
High - Low = H = 14.5

CALCULATION OF DISCHARGE IN CFS (Q)

$$Q = \frac{(ID)^2 (\sqrt{H}) (C)}{448.8}$$
$$Q = \frac{(10.48)^2 (\sqrt{14.5}) (3.94)}{448.8} = \underline{3.67} \text{ CFS}$$

16.47.8 gpm

SKETCH (If not shown on Field Report)

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AUG 26 1993

E. THEORETICAL CALCULATIONS.

35-08186

35-08899

$$21 \times 33 \times 6 \text{ gpm} = 415.8 \text{ gpm}$$

T-10-1

$$\frac{350 \text{ Hp} (8.814)(.7)}{260' + (60 \text{ psi} \times 2.308)} = 2429.9 \text{ gpm}$$

Sec 15

$$\frac{200 \text{ Hp} (8.814)(.7)}{200' + (60 \text{ psi} \times 2.308)} = 1634.4 \text{ gpm}$$

4064.3 gpm

REPRODUCED

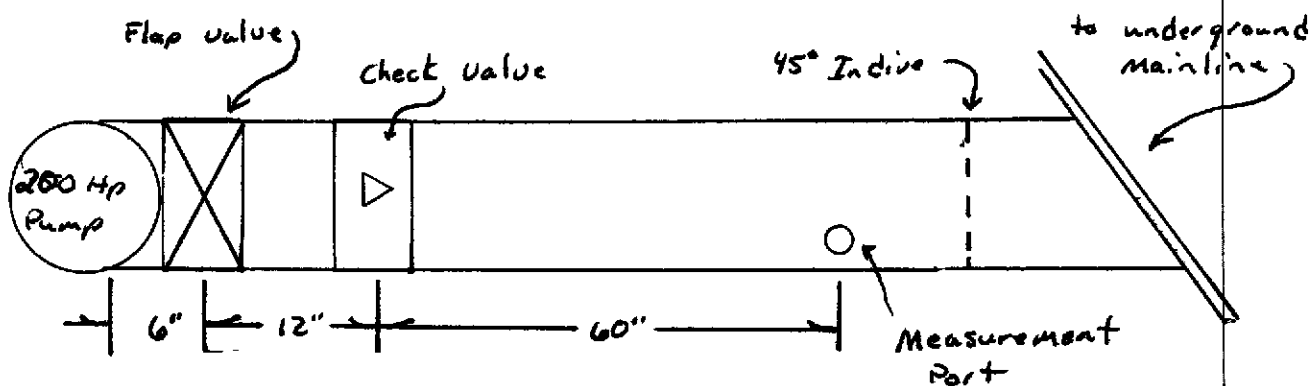
AUG 20 1993

C, Diversion System Diagram.

NW NE Sec 15

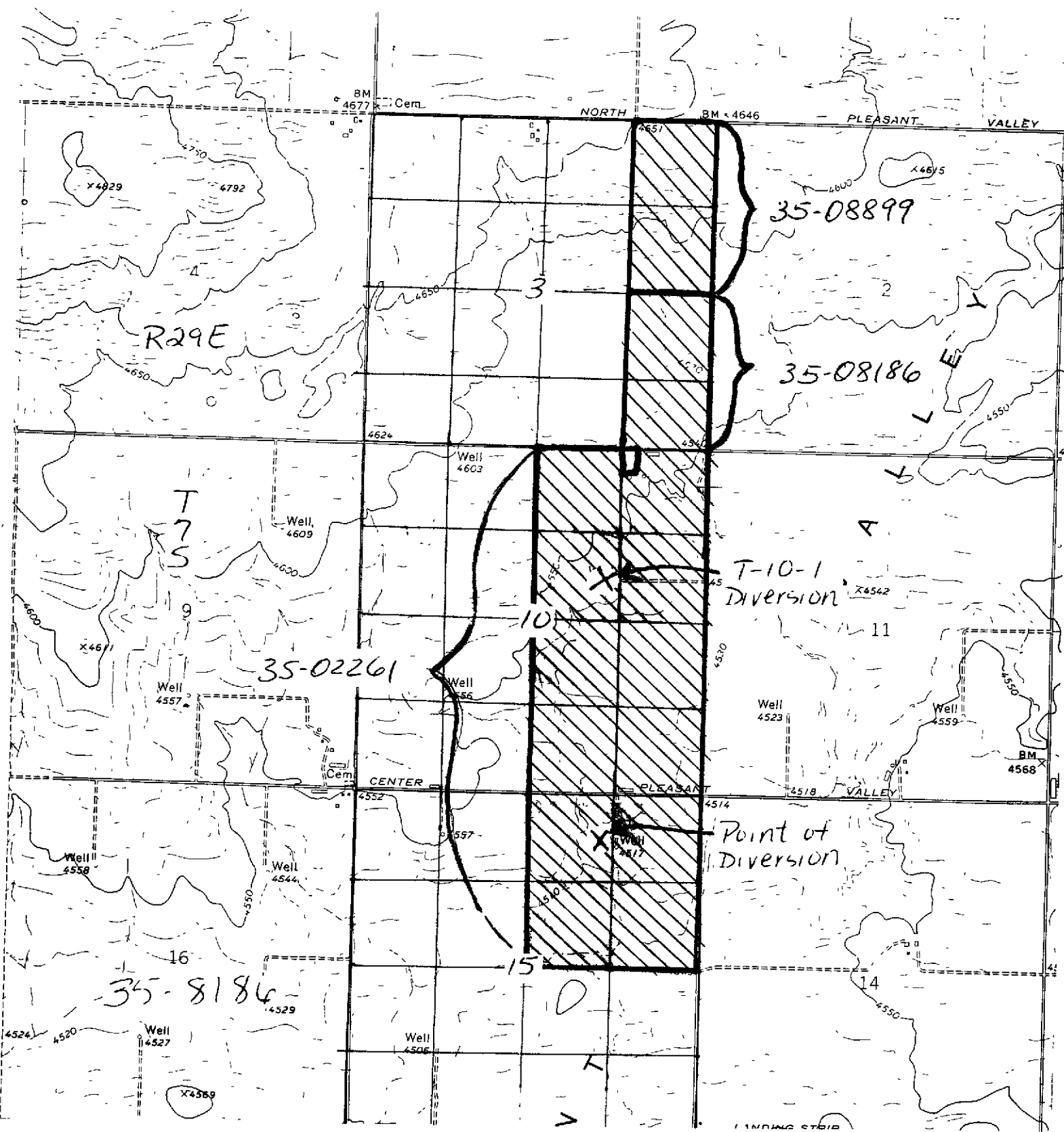
#35-8186/
35-08899

N



APPROVED

AUG 6 1993



R. 21 E

35-68186

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35-8186/
35-08899

ment Port

AUG 26 1993

MEMORANDUM

TO: FILE/APPLICATION NO.

FROM: TIM LUKE

RE: SWAN FALLS PROCESSING

DATE: 11-27-89

=====

This application was among those applications reviewed in the regional offices last year and recommended for out of sequence processing. This application includes a statement and sufficient supporting evidence concerning development of the project prior to October 1, 1984.

The department's Policy and Implementation Plan for Processing Water Rights in the Swan Falls Area provides for applications to be processed out of sequence if the development was completed prior to October 1, 1984 and the application filed prior to July 1, 1985. These filings are not required to be processed in sequence with other trust water filings because the effect of these filings have already occurred and because, due to subordination, the filings are not taking water held in trust. These filings are not subject to the staged development policy and public interest criteria of Section 42-203C, Idaho Code.

1993 AUG 26 11:06 AM

AUG 26 1993

July 12, 1989

Permit No. 35-8186

Ferd Gehring & Son, Inc.
740 Calder
American Falls, ID 83211

Dear Permit Holder:

We acknowledge receipt of your statement submitted as proof of beneficial use for the above referenced permit.

Before a license can be issued, a field examination must be made by a representative of this Department.

A field examiner will contact you to arrange to examine your system.

If you have any questions regarding the field examination, please contact this office by phone at 525-7161, or in person in the third floor State Office Building, 150 Shoup, Idaho Falls, Idaho.

Sincerely,

KEITH C. WILSON
Sr. Resource Agent

KCW:lk

RECEIVED

AUG 26 1993

1/88

PROOF OF BENEFICIAL USE

ANALYSIS SHEET

Permit No. 35 8186

Date: 6 26 59

General Considerations:

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

Source of Water:

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

Extent of Use and Rate of Diversion:

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

Measuring Device:

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

Remarks: *- No well log found B/A established in 1980
- Fee acceptable*

N/A Priority Calculation:

Date proof received	_____	_____
Date proof due	_____	- _____
No. of days late	_____	= _____
Priority date	_____	+ _____
NEW PRIORITY DATE	_____	= _____

SEND FILES TO DATA ENTRY AND THEN TO MICROFILM

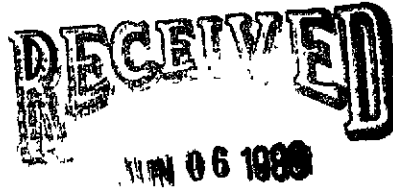
Cavaness & Boomer

BEN CAVANESS
HENRY R. (Hank) BOOMER

ATTORNEYS-AT-LAW
P.O. Box 70 — 376 Roosevelt
American Falls, Idaho 83211

Telephone
(208) 226-2562

June 1, 1989



Gary Spackman, Supervisor
Water Right Permits Section
Department of Water Resources
Statehouse
Boise, ID 83720

Department of Water Resources

Re: Permit No. 35-08186
Ferd Gehring & Son, Inc.

Dear Gary:

I am enclosing the original of the Proof of Beneficial Use that has been filled out and executed by Mr. Ferd Gehring of Ferd Gehring & Son Inc. This proof is being submitted on Permit No. 35-08186 and we would request an inspection as soon as is practical with the Department.

I am also enclosing our check in the amount of \$125, which is the required inspection fee.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Ben".

Ben Cavaness

BC:mh

Encl.

cc: Ferd Gehring

Microfilm

JUL 17 1989

S T A T E O F I D A H O
D E P A R T M E N T O F W A T E R R E S O U R C E S

Statehouse
Boise, Idaho 83720
(208) 334-7900
May 23, 1989

FERD GEHRING & SON, INC.
740 CALDER
AMERICAN FALLS, ID 83211

P E R M I T A P P R O V A L N O T I C E

RE: PERMIT NO. 35-08186

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.

Be sure to note the special condition requiring you to install a measuring device, or a flow measurement port to provide for the installation of measuring equipment by the Department. Enclosed please find a list of measuring device options, and specifications for the installation of the flow measurement port.

You should be aware that the groundwater you propose to divert is located within a drainage basin where surface waters are regulated during the months of low flow. It is possible that diversion of groundwater may have an adverse impact on these surface water flows. Information available to us at this time does not warrant refusing to issue permits in your area, but we do caution that diversions of groundwater are not allowed to deplete flows available for surface water users with earlier priority dates. Siting your well as far from surface sources as possible and casing out upper water producing zones may reduce the potential of interference.

Section 42-235, Idaho Code, requires that a "drilling permit" must be obtained from the department for all wells constructed after July 1, 1987. A drilling permit is a separate permit that must be issued in addition to your permit to appropriate water. Commencement of well construction or diversion of water under your permit to appropriate water is prohibited unless a drilling permit is obtained.

CHRONO FILMED

JUL 17 1989

We have enclosed a form entitled "Instructions for Proof of Beneficial Use". Please read the instructions carefully since you must take further action to develop this permit. Also enclosed for your convenience is a form entitled "Proof of Beneficial Use" that must be submitted to the Department when your project is completed. If development is complete, you may submit proof of beneficial use immediately.

Sincerely,

GARY SPACKMAN, Supervisor
Water Right Permits Section

GS: SC
Enclosures

RECEIVED
JUL 17 1971

JUL 17 1971

February 27, 1989

Ferd Gehring & Son, Inc.
740 Calder
American Falls, ID 83211

Application for Permit No. 35-08186

Dear Water Right Applicant:

The Department of Water Resources acknowledges receipt of your water right application for permit. The application has been assigned identification No. 35-08186. Please refer to this number in all further correspondence.

This office is currently in the process of advertising the application in the Power County Press. The advertisement will be published for two consecutive weeks, and a period of ten days following the second publication will be allowed for the submittal of protests.

If the application is protested, you will be sent a copy of the protest. The protest must be resolved before the application is approved or denied. If the protest is not resolved voluntarily, this Department will conduct a conference and/or hearing on the matter.

If the application is not protested, it will be forwarded to our state office in about five weeks. State office personnel will conduct a complete review prior to final processing of the application and will notify you of the outcome of this review. When a permit is issued, you will be sent a copy. A typical processing time for an unprotested application is about eight weeks.

Please feel free to contact this office if you have any questions regarding this procedure.

Sincerely,

HAROLD W. JONES
Water Rights Supervisor

HWJ/rb

MICROFILMED

JUL 17 1989

vit of Publication

RECEIVED

MAR 24 1989

Department of Water Resources
Eastern District Office

I, duly sworn on oath, states:

The Power County Press, a newspaper of
county, Idaho, published weekly at American
newspaper has been published in said county
ly for over seventy-eight consecutive weeks,
the annexed notice or advertisement:
advertisement was published as per clipping
re edition of said newspaper and not in any
— successive weekly issues thereof, the
tion being the 1st day of
and the date of last publication being the
24th 1989.

Brett Crompton

I, March in the year of
Notary Public, personally appeared Erma
ed to me to be the person whose name
ment, and being by me first duly sworn,
rein are true, and acknowledged to me that

Brett Crompton

Notary Public for Idaho

Residing at American Falls, Idaho

My commission expires: June 8, 1993

Application for water right

Published in The Power County Press,
Mar. 1 & 8, 1989.

NOTICE OF APPLICATION FOR WATER RIGHT

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

35-08163
GEHRING, GARY
RT. 1, BOX 145
AMERICAN FALLS, ID 83211
Source: GROUNDWATER
Diversion Pt: NWNE Sec 12 T 07S R
29E
Use: IRRIGATION (4.000 CFS)
Date Filed: 6/17/1983
In: T07S R29E S01 NESE SESE
R30E S07 NENW NWNW
SWNW SENW
200.0 ACRES TOTAL

35-08165
GEHRING, GARY W.
RT. 1, BOX 145
AMERICAN FALLS, ID 83211

Source: GROUNDWATER
Diversion Pt: NESW Sec 2 T 07S R
29E
Use: IRRIGATION (2.190 CFS)
Date Filed: 6/17/1983
In: T07S R29E S02 NENW NWNW
SWNW SENW
NESW NWSW SWSW SESW
S11 NWNW
338.0 ACRES TOTAL

35-08186
FERD GEHRING & SON, INC.
740 CALDER
AMERICAN FALLS, ID 83211

Source: GROUNDWATER
Diversion Pt. SWNE Sec 10 T 07S R
29E
NWNE Sec 15 T 07S R 29E
Use: IRRIGATION (1.600 CFS)
Date Filed: 6/17/1983
In: T07S R29E S03 NESE SESE
80.0 ACRES TOTAL

35-08187
FERD GEHRING & SONS, INC.
740 CALDER
AMERICAN FALLS, ID 83211

Source: GROUNDWATER
Diversion Pt. NESW Sec 1 T 07S R
29E
Use: IRRIGATION (1.160 CFS)
Date Filed: 6/17/1983
In: T07S R29E S01 NENW NWNW
SWNW SENW
NESW NWSW SWSW SESW
311.0 ACRES TOTAL

35-08188
GEHRING, GARY W.
RT. 1 BOX 145
AMERICAN FALLS, ID 83211

Source: GROUNDWATER
Diversion Pt. NWNW Sec 10 T 07S R
29E
NESW Sec 10 T 07S R 29E
Use: IRRIGATION (1.790 CFS)
Date Filed: 6/17/1983
In: T07S R29E S10 NENW NWNW
SWNW SENW
NESW NWSW SWSW SESW
315.0 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

JUL 17 1989

S T A T E O F I D A H O
DEPARTMENT OF WATER RESOURCES
Eastern Region
150 Shoup Ave., Suite 15

Idaho Falls, Idaho 83402
(208) 525-7161

FEBRUARY 24, 1989

THE POWER COUNTY PRESS
P.O. BOX 547
AMERICAN FALLS, ID 83211

Gentlemen:

Enclosed you will find a legal notice which we wish to have published on the dates indicated (once a week for two consecutive weekly issues) in your newspaper. If you cannot publish the notice on the proposed dates, please contact us immediately.

An affidavit of publication must be submitted to the Department along with the publication bill. Your cooperation is appreciated.

Please send the affidavit of publication and publication billing to this office before MARCH 20, 1989.

Yours truly,

Rita Bodell
Secretary

Encl.

Microfilm

JUL 17 1989

NOTICE OF APPLICATION FOR WATER RIGHT

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

RECEIVED

JUL 17 1989

35-08186

FERD GEHRING & SON, INC.
740 CALDER
AMERICAN FALLS, ID 83211

Source: GROUNDWATER

Diversion Pt:	SWNE	Sec 10 T 07S R 29E
	NWNE	Sec 15 T 07S R 29E

Use: IRRIGATION (1.600 CFS)

Date Filed: 6/17/1983

In: T07S R29E S03 NESE SESE

80.0 ACRES TOTAL

200 17 1983

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, 150 Shoup Ave., Suite 15, Idaho Falls, Idaho 83402 on or before MARCH 20, 1989.

R. Keith Higginson, Director

Published 3/01/1989 & 3/08/1989

BEN CAVANESS
HENRY R. (Hank) BOOMER

Cavaness & Boomer

ATTORNEYS-AT-LAW
P.O. Box 70 — 376 Roosevelt
American Falls, Idaho 83211

Telephone
(208) 226-2562

January 30, 1989

RECEIVED

JAN 31 1989

Department of Water Resources
Eastern District Office

Ronald D. Carlson
Eastern Regional Manager
State of Idaho
Dept. of Water Resources
150 Shoup Ave., Suite 15
Idaho Falls, ID 83402

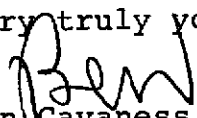
Re: Application for Permit No. 35-8188 and 35-8163, 35-8165
35-8186 & 35-8187

Dear Ron:

This is to advise you that in response to your letter dated January 23, 1989, that the Applications referenced above are subject only to the usual water right processing criteria of Idaho Code 42-203A.

These permits have been developed and we will be filings claims of rights on the same when the adjudication process hits Power and Bingham Counties.

Very truly yours,


Ben Cavaness

BC:mh

MICROFILMED

JUL 17 1989

January 23, 1989

FERD GEHRING & SON, INC.
740 CALDER
AMERICAN FALLS, ID 83211

RE: APPLICATION FOR PERMIT NO. 35-8186 & 35-8187

Dear Applicant:

The department is now beginning the processing of applications which have been held as a result of the Swan Falls controversy. In connection with this processing, the department requests the information described below.

From the department's review of the above referenced water right application, it appears the application is only subject to the usual water right processing described in Section 42-203A, Idaho Code, and is not subject to the public interest criteria processing required of some applications in the Swan Falls settlement.

The department asks that you advise us within 15 days of this letter if you no longer have a continued interest in developing a water right as proposed by the application. If you do not respond in this time period, the department will proceed with the usual processing of the application including advertisement.

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

Sincerely,

Ronald D. Carlson
EASTERN REGIONAL MANAGER

RDC/rb

RECEIVED

JUL 17 1989

FORM A

STATE OF IDAHO

JUL 1965

DEPARTMENT OF WATER RESOURCES

Department of Water Resources

PROOF OF BENEFICIAL USE

The Idaho Department of Water Resources will consider this form as a statement that the permit holder(s) has completed development under this permit and that water has been applied according to the provisions of the permit for the beneficial use(s) described below:

Permit No. 35-8186

Name(s) of Permit Holder: Ferd Gehring & Sons, Inc

740 CALDER

Post Office Address: AM FALLS, Idaho

Telephone No. 226-2540

Source of Water: Ground water

Extent of Use: Domestic (number of households)

Stockwater (number and type of stock)

Irrigation 50 (acres)

Other/Remarks Supplemental water to
Existing permit

Indicate the date water was first diverted and beneficially used under this permit: SAME date as original development on Permit # G-23123
1st 1952

Measuring Device: Required? Yes No
Installed? Yes No

Flow Measurement Port: Required? Yes No
Required? Yes No

Person to contact to accompany the Department representative during field examination: APPLICANT
(Name)

(Address)

(Telephone number)

The above information is a true statement of the extent to which the above numbered permit has been developed

Date 6-25-85

MICROFILMED

Ferd Gehring & Son Inc, by
Larry M. Gehring U.P.
Signature of Permit
(and Title, if appropriate)

JUL 17 1989

Statement of development for exemption
from Swan Falls processing Not acceptable
as proof of beneficial use



funk irrigation co.

P.O. Box 96, Aberdeen, Idaho 83210

June 20, 1985

To Whom It May Concern:

Re: The East 1/2 of the South East 1/4 of Section 3;
Township 7S; Range 29EBM

In the Spring of 1981, Funk Irrigation installed three 1/4-mile electric wheel lines and 2,640 feet of eight inch main-line on the above mentioned parcel of land. The well, located in the North East 1/4 of Section 10, 7S, 29EBM, was increased to 300 horsepower and a 100 horsepower booster pump was added. This change was necessary to get the water needed for this development.

Sincerely,

Harold A. Funk
President, Funk Irrigation

UNRECORDED

JUL 17 1989



United States
Department of
Agriculture

Agricultural
Stabilization and
Conservation Service

Power County ASC Committee
P.O. Box 180
American Falls, Idaho 83211

June 11, 1985

Idaho Department of Water Resources
150 Shoup
Idaho Falls, Idaho 83401

Dear Sirs:

According to our ASCS records Gary Gehring, RR 1 Box 145, American Falls, Idaho, has been irrigating fields in the NW $\frac{1}{4}$ of Sec. 7, T7S, R30E since at least 1978. (The East $\frac{1}{2}$ of Field K and Field G) See enclosed map I-7. We do not have any records prior to 1978 available. The ground located in the E $\frac{1}{2}$, SE $\frac{1}{4}$ Sec. 3, T7S, R29E was first reported being irrigated in 1981. (See field C on enclosed map H-7)

If you have any questions concerning this please feel free to contact our office at 605 Oregon Trail, P.O. Box 180, American Falls, Idaho, or phone 226-5139.

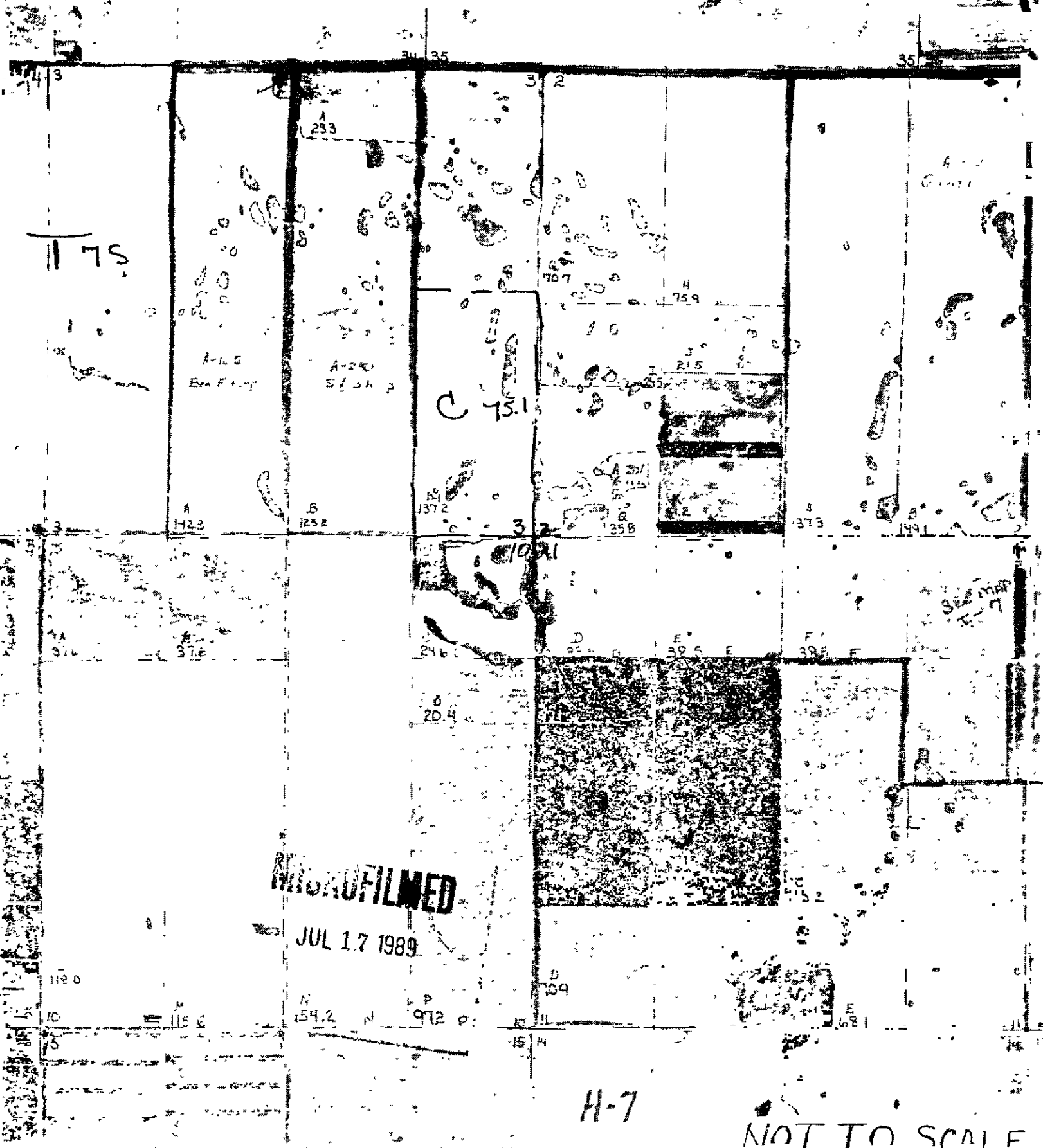
Sincerely,

H. Norman Wright
County Executive Director

RECEIVED

JUN 17 1985

REAE



IN THE MATTER OF:

Ferd Gehring & Son, Inc.
Application # 35-8186

AFFIDAVIT

State of Idaho
County of Power

FERDINAND GEHRING

being first duly sworn,

deposes and says: That he is the president of Ferd Gehring & Son, Inc.
an Idaho corporation with its principal office at American Falls, Idaho.

That in April of 1980 we extended our mainline under
permit # G-73123 by one half a mile and began irrigating an additional 80
acres. That we have farmed this 80 acres continuously since
that date in potatoes and grain.

That in June of 1983 we applied for the additional water
necessary to irrigate this land but our application has been held up due to
the Swan Falls litigation.

That we added a booster pump and purchased three wheel
lines and relocated another to provide the sprinkler system to irrigate this
property.

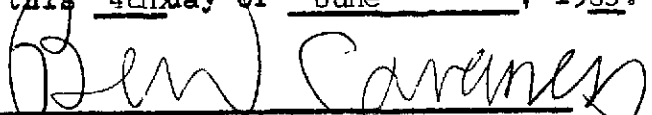
In Witness Whereof I have hereunto set my hand and seal this 4th day of June, 1985

FERD GEHRING & SON INC.


(Signature)

Ferd Gehring
President

Subscribed and sworn to before me this 4th day of June, 1985.


(Notary Public)

Residing at American Falls, Idaho
My Commission Expires Life

FILED

17 1989

FORM A

STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

PROOF OF BENEFICIAL USE

RECEIVED

JUL 1 1985

Department of Water Resources
Southern District Office

The Idaho Department of Water Resources will consider this form as a statement that the permit holder(s) has completed development under this permit and that water has been applied according to the provisions of the permit for the beneficial use(s) described below:

Permit No. 35-8186
Name(s) of Permit Holder: Ferd Gehring & Sons, Inc.
740 CALDER

Post Office Address: AM FALLS, IDAHO

Telephone No. 226-2540

Source of Water: GROUND WATER

Extent of Use: Domestic _____ (number of households)
Stockwater _____ (number and type of stock)
Irrigation 50 (acres)
Other/Remarks SUPPLEMENTAL WATER TO
EXISTING permit

Indicate the date water was first diverted and beneficially used under this permit: SAME date as original development on permit # G-23123
in 1952

Measuring Device: Required? _____ Yes _____ No
Installed? _____ Yes _____ No

Flow Measurement Port: Required? _____ Yes _____ No
Required? _____ Yes _____ No

Person to contact to accompany the Department representative during field examination: APPLICANT (Name)

(Address) (Telephone number)

The above information is a true statement of the extent to which the above numbered permit has been developed.

6-25-85
Date

Ferd Gehring & Sons, Inc.
Siang M. Gehring U.P.
Signature of Permit (and Title, if appropriate)
JUL 17 1989

Statement of development for exemption
from Swan Falls processing. Not acceptable
as proof of beneficial use

35-8186-

FERD GEHRING & SON, INC.

740 CALDER, AMERICAN FALLS, ID 83211

Source: GROUNDWATER

Date Filed: 06/17/1983

Diversion Pt: SWNE Sec 10 T 07S R 29E NWNE Sec 15 T 07S R 29E

Use: IRRIGATION (1.60 CFS)

In: NESE SESE Sec 03 T 07S R 29E FOR 80 ACRES

MICROFILMED

JUL 17 1989