

November 20, 1998

**NOTICE OF ERROR
REPLY**

**RECEIVED
DEC 17 1998**

Department of Water Resources
Eastern Region

Please type or print clearly, fill out this form completely and mail.

Return this reply form to IDWR by the deadline date printed below if you want IDWR to change your recommendation or you want to let IDWR know that you agree with its recommendation.

YOUR DEADLINE FOR RETURNING A NOTICE OF ERROR REPLY IS: December 18, 1998

Water right number: 35-07180

GARY W GEHRING
3648 GEHRING RD
AMERICAN FALLS ID 83211

Daytime Telephone Number:

Evening Telephone Number:

1. Describe the portion of the proposed recommendation with which you disagree (e.g. priority date, period of use, source):

2. Describe the changes you wish to make in the proposed recommendation:

3. Give a brief explanation as to why you disagree with these portions:

X I AGREE with this proposed recommendation; no changes need to be made.

DATE: 12/15/98 SIGNATURE: *Gary W. Gehring*
Please print your name: Gary W. Gehring

IDWR Eastern Regional Office, 900 N. Skyline Drive, Suite A, Idaho Falls, ID 83402-1718, (208) 525-7161

CF

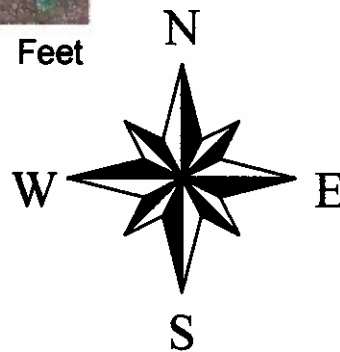
35-07180 and 35-08187



500 0 500 1000 Feet

T07S R29E S01

Map prepared by: Carter Fritschle
Date prepared: 06/23/98
1987-1988 NAPP photography



AJ0743NP
(00-124)

IDAHO DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIMS PROOF READING REPORT
(REGIONAL)

06/26/98 14:33:42
Page 1

Water Right Number - R35-07180

Prefix Translation: RESEARCH

Old (D) Number -

*** C - CURRENT OWNER ***
GEHRING

GARY W

1 - 3648 GEHRING RD

State- ID Zip- 83211

*** O - ORIGINAL OWNER ***
GEHRING

FERDINAND

1 -

2 -

3 -

City- MA

Phone - 208-000-0000

State- ID Zip- 0000

Priority Date - +
07/06/1971

Region - +
15 EASTERN

Stage - +
L - LICENSE

Status - +

Source - +
GROUNDWATER

Tributary - +

Point of Diversion - +
Twn Rng Sec Tract Lot Rflg County
07S 29E 1 NW NE SW (77) POWER

Code Description Period From Period To Water Use Diversion Rate Diversion Volume
01 - IRRIGATION 04/01 10/31 OK 4.900

+ - Total Div. Rate - + - Total Div. Volume - + - Total Consumptive Use - + - KW Usage - +
4.900 0.0

Twn	Rng	Sec	Tract	Lot	Acres	Code	Description	County
07S	29E	1	NW NE	2	1.0	01	IRRIGATION	(77) POWER
07S	29E	1	NE NW	3	32.0	01	IRRIGATION	(77) POWER
07S	29E	1	NW NW	4	32.0	01	IRRIGATION	(77) POWER
07S	29E	1	SW NW		39.0	01	IRRIGATION	(77) POWER
07S	29E	1	SE NW		40.0	01	IRRIGATION	(77) POWER
07S	29E	1	NE SW		40.0	01	IRRIGATION	(77) POWER
07S	29E	1	NW SW		39.0	01	IRRIGATION	(77) POWER
07S	29E	1	SW SW		39.0	01	IRRIGATION	(77) POWER
07S	29E	1	SE SW		37.0	01	IRRIGATION	(77) POWER
Total Acres:					299.0			

+ - - Diversion Means - WELL/PUMP TO SPRINKLER SYSTEM
+ - - Non-Irrigation Use -

CA 6-26-98

Prefix Translation: RESEARCH

+ - - Other Rights for Same Use - 35-08187

USE OF THIS RIGHT WITH RIGHT NO. 35-08187 IS LIMITED TO A TOTAL COMBINED ANNUAL DIVERSION VOLUME OF 1196 AF.

POU1 USE OF THIS RIGHT WITH RIGHT NO. 35-08187 IS LIMITED TO THE IRRIGATION OF A COMBINED TOTAL OF 299 ACRES IN A SINGLE IRRIGATION SEASON.

EXP RIGHT NO. 35-08187 IS ALSO DIVERTED THROUGH POINT OF
DIVERSION DESCRIBED ABOVE.

Conditions of Approval -

C05 - RIGHT INCLUDES ACCOMPLISHED CHANGE IN PLACE OF USE PURSUANT TO

- SECTION 42-1425, IDAHO CODE.

Decree Plaintiff	Decree Defendant	Decree Date
00/00/0000		

Date: 11/19/1996	User Id: JTHOMPSON	Subject: ADDRESS	Comments:
CHANGED ADDRESS			

06/26/98 CFRITSCHE

+ Adjudication Rights Dates and Flags Area

Court Report Filing	- 00/00/0000	Field Inspection Made	- 00/00/0000	Civil Case Number	-
Objection Filed Date	- 00/00/0000	Field Inspection Flag	-	Old Case Number	-
Response Filed Date	- 00/00/0000	Verified Date	- 00/00/0000	Old Judicial District	-
Claim Received Date	- 03/13/1990	Last Amended Date	- 00/00/0000	Temporary Right	- p

POU Ownership Flag	- Y	Federal/State Indicator	- S
Name Connector	-	Presumption Flag	- C
		Notice of Error Flag	-

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM VERIFICATION REPORT

15:57:44
10/30/91

AGE: 1
GENERAL INFORMATION

CLAIM NUMBER: A35-07180

LIST: GEMRING FIRST: FERDINAND

ADDRESS: STATE: ID ZIP: 0000

TYPE: NA

PHONE NUMBER: 208-000-0000

OWNER CODE: 0

LIST: GEMRING FIRST: GARY

ADDRESS: RT 1 STATE: ID ZIP: 83211

TYPE: AMERICAN FALLS

PHONE NUMBER: 208-226-2142

OWNER CODE: C

FIELD EXAM REQUIRED?

DATABASE

FIELD EXAMINER

VERIFICATION REQUIRED DUE TO REMARKS?

CLAIM REMARKS: AG-100-561-7

DIRECTIONS TO PROPERTY / REMARKS:

Blank lined paper for writing.

• AD CLAIM: # A35-07180 PRIORITY DATE: 07-06-1971 STAGE: 1
• MR RECORD: # 35-07180 PRIORITY DATE: 07-06-1971 STAGE: 1

• FIELD EXAM REQUIRED?

DOE TO PRIORITY DATE DISCREPANCY? (Y/N)

DATABASE FIELD
N EXAMINER N

RE THERE OBVIOUS REASONS TO QUESTION THE PRIORITY DATE CLAIMED? (Y) (N) (X)

YES EXPLAIN.

REMARKS: Priority date claimed matches license.

RECOMMENDED PRIORITY DATE:
07-06-1971

VIEWED BY CA DATE 5-27-92

AJ CLAIM POINT OF DIVERSION AND SOURCE:

RIGHT	TRP.	RGE.	SEC.	1/4	1/4	1/4	LOT	CNTY
15-07180	075	29E	1		NE	SW		POWER

OTHER AJ CLAIMS WITH SAME AJ POD
A PREFIX R PREFIX
A35-08187 NONE
MR RECORDS IN SAME 40 ACRE TRACT
35-08187

SOURCE: GROUNDWATER

TRIB:

MR POINT OF DIVERSION AND SOURCE:

RIGHT	TRP.	RGE.	SEC.	1/4	1/4	1/4	LOT	CNTY
15-07180	075	29E	1		NE	SW		POWER

OTHER MR RECORDS WITH SAME MR POD
AJ : CLAIMS IN SAME 40 ACRE TRACT
A PREFIX R PREFIX
35-08187 A35-08187 NONE

SOURCE: GROUNDWATER

TRIB:

FIELD EXAM REQUIRED?

DUE TO POD DISCREPANCY?	(Y/N)	DATABASE	FIELD EXAMINER
DUE TO SOURCE DISCREPANCY?	(Y/N)	Y	
		N	

REMARKS:

10-acre tract determined using grid system for license.

RECOMMENDED POINT(S) OF DIVERSION AND SOURCE:		1/4	1/4	1/4	LOT	COUNTY
TRP.	REC.	SEC.				
23	39E	1	NE	SW		Power
SOURCE: GROUNDWATER						
TRIP:						
VIEWED BY: <i>APM</i>						
DATE: <i>1-3-94</i>						

ESUMPTION FLAG: C

MARKS:

Recommend as Account Examined by Agent #35-08187.
(6-26-91). Account that showed that did accounts
accounted through.

COMMENTS:

TOTAL ACRES: 299.0

REVIEWED BY: KFE

DATE: 1-3-94

Cond. Code 005

• AS CLAIMED USES:

35-07180 IRRIGATION

PURPOSES MONTH/DAY
FROM 04-01 TO 10-31

TOTAL DIVERSION RATE/VOLUME CLAIMED

DIVERSION QUANTITY
4.900 CFS 1055.00 AF/A

• WR RECORDED USES:

35-07180 IRRIGATION

PURPOSES MONTH/DAY
FROM 04-01 TO 10-31

TOTAL DIVERSION RATE/VOLUME CLAIMED

DIVERSION QUANTITY
4.900 CFS 1055.00 AF/A

RESUMPTION FLAG:

• FIELD EXAM REQUIRED?

DUE TO WATER-USE DISCREPANCY? (Y/N)
DUE TO DIVERSION RATE DISCREPANCY? (Y/N)
DUE TO PERIOD FROM/TO DISCREPANCY? (Y/N)

DATEBASE EXAMINER
N N
N

• PERIOD OF USE:

RECOMMEND AS CLAIMED?
RECOMMEND TO WR STANDARDS OR OTHER?

Y() N()
Y() N()

EXPLAIN IN REMARKS, BELOW.

REMARKS:

Recommended as claimed & claimed.

DOES DIVERSION RATE CLAIMED AGREE WITH EXISTING RECORDS? Y(☒) N(☐)

AJ TOTAL CLAIMED DIVERSION RATE: 4.900 CFS
NR ROOT RIGHT TOTAL DIVERSION RATE: 4.900 CFS

IF NO OR IF STATUTORY CLAIM OR BENEFICIAL USE THEN FLOW MEASUREMENT REQUIRED. ###
IF AN AMOUNT SMALLER THAN THE ORIGINAL DIVERSION RATE IS ##
CLAIMED AND AN EXAM IS NOT REQUIRED, EXPLAIN IN REMARKS.

FLOW MEASUREMENT REQUIRED?

DUE TO STAGE OR DIVERSION RATE DISCREPANCY? (Y/N) N FIELD DATABASE EXAMINER A

FLOW MEASUREMENT

MEASUREMENT METHOD n/a SEE ATTACHED CALCULATIONS.

ARE OTHER WATER RIGHTS USED? Y(☒) N(☐) IF YES COMPLETE OVERLAP REVIEW.
OTHER RIGHTS LISTED IN CLAIM: NONE

IS/ ALL RIGHTS WITH A SAME POU AND IRRIGATION USAGE:

35-08187 currently a permit, intended to rippled flow, on these lands

CLAIM	SOURCE	NAME	DIV. RATE	DIV. RATE/ACRE	DIV. VOL.	DIV. VOL./ACRE
A35-07180	GROUNDWATER	GEHRING, GARY	4.900	0.016	1056.00	3.49
A35-08187	GROUNDWATER	GEHRING, GARY	1.160	0.003		

NO RIGHTS WITH SAME POU BUT NOT USED FOR IRRIGATION

RATE/VOLUME CALCULATIONS: (IRRIGATION)

1A. IRRIGATION RATE
ACRES 899.0 X 0.02 CFS/ACRE = 5.98 CFS

1B. CALCULATIONS

(TAKEN FROM P/U REVIEW)

DOES AMOUNT CLAIMED EXCEED 0.02 CFS/ACRE? Y() N(✓)

*** IF YES ADDITIONAL WATER USE FORM FILED AND ATTACHED? Y() N() ***

2. IRRIGATION CONSUMPTIVE USE

CLAIMED CONSUMPTIVE USE = 906.0 AF/A

ACRES 899.0 X CONSUMPTIVE VOL. AF/A FOR AREA 3.0 =

TOTAL CONSUMPTIVE USE 899.0 AF/A

3. IRRIGATION DIVERSION VOLUME

CLAIMED DIVERSION VOLUME = 1056.00 AF/A

ACRES 899.0 X DIVERSION VOL. AF/A FOR AREA 4.0 =

TOTAL DIVERSION VOLUME 1196.0 AF/A

4. CALCULATIONS FOR USES OTHER THAN IRRIGATION:

SEE ATTACHED SHEET? Y() N(✓)

MARKS: (INCLUDE LIMITATIONS ON CONSUMPTIVE USE FOR COMBINED RIGHTS.)

Minimum rate as required, not following new standard.

RECOMMENDATIONS:

REC. PURPOSES	REC. PERIOD		REC. DIV RATE CFS	REC. DIV VOL. AF/A	REC. COMS. USE
	FROM	TO			
IRRIGATION	04-01	10-31	DATABASE EXAMINER 4.900 <u>4.9</u>	DATABASE EXAMINER 1056.00 <u>1056.0</u>	DATABASE EXAMINER 906.0 <u>877.0</u>
DIAL FOR THIS RIGHT			4.900	1056.00	906.0

ENTERED BY: KYE

DATE: 1-3-94

CHECK ONLY THE FOLLOWING THAT APPLY:

MEMBERSHIP _____
REFEIT/ABANDON _____
ADDITIONAL DIV. AMOUNT _____

ACCEPTED AS CLAIMED
() ()
() ()
() ()

NEEDS REVIEW
() ()
() ()
() ()

SPLIT WATER RIGHT REVIEW

ROOT WATER RIGHT NUMBER: 35-07180

TOTAL DIVERSION RATE OF MR SPLITS
DATABASE 4.900

EXAMINER
4.90

CFS

SPLITS:

OLD RIGHT NUMBERS	CURRENT CLAIM NUMBERS	DIVERSION RATE	CURRENT "R" CLAIM NUM.	"R" DIV. RATE	MR RIGHT NUMBERS	DIVERSION RATE
-	A35-07180	4.900	-		35-07180	4.900
TOTAL CFS		4.900				4.900

VERSION RATE REVIEW

DO THE SUM CFS RATE OF THE SPLITS EQUAL THE ROOT RIGHT CFS RATE? (Y/N)
IF NO, IS THE WRITTEN REVIEW SHEET ATTACHED? (Y/N)

DATABASE Y
FIELD EXAMINER Y

MARKS:

IDENTIFICATION:
SIGNATURE: *James McElroy*
NAME OF FIELD EXAMINER: _____

DATE: 1-3-93
TITLE: *Mr. W.B. Bo. Agent*

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM VERIFICATION REPORT

15:57:46
10/30/91

USE: 15
FIELD BOOK INFORMATION

CLAIM NUMBER: A35-97180

IR ELEMENT	FIELD EXAM Y/N	CORRESPONDENCE SENT/RECEIVED BY MONTH/DATE	FIELD EXAM BY MONTH/DATE	CHANGE CLAIM Y/N	VERIFIED BY CODE	COMPLETED REVIEW MONTH/DATE	COMPLETED DATA ENTRY MONTH/DATE	VERIFIED DATE MONTH/DATE
PRIORITY DATE	N			N	6	APR 11-8-94		
DATE OF DIV					1.5			
NOTICE					6			
AGE OF USE					1.5			
W. AMOUNT FS/VOLUME					6			
INSUMPTIVE USE								
PROPOSES								
PERIOD OF USE				N				
LIST OF CLAIM								
MARKS								

VERIFIED BY CODES

TOPO MAP/ORTHO-PQ = 1
 ASCS MAP = 2
 WATERMASTER RECORDS = 3
 MAP PHOTOS = 4
 FIELD EXAM = 5
 OTHER (SEE REMARKS) = 6
 (35-08187)
 IDARE, Harward, McCord

THESE CODES ARE USED TO INDICATE HOW THE FIELD EXAMINER VERIFIED THE INFORMATION
USED FOR THIS FIELD EXAMINATION. INDICATED ARE ALL CODES WHICH APPLY.

added cond. no1 per license
 RME 3-17-94

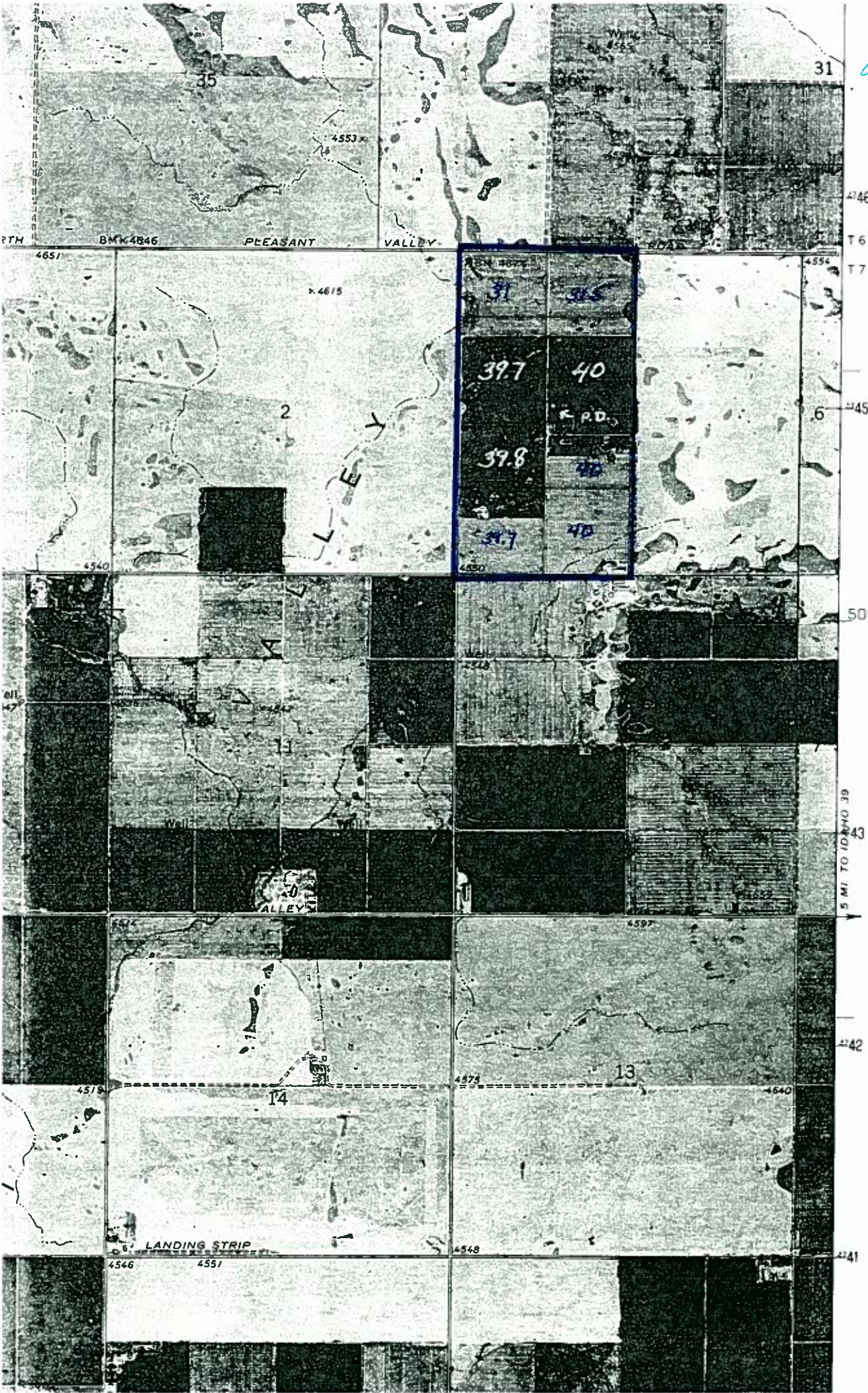
A35-07180

as previously
licensed

T6S

T7S

T 7S
R 29E



IN THE DISTRICT COURT OF THE FIFTH JUDICIAL DISTRICT OF THE STATE OF IDAHO,
IN AND FOR THE COUNTY OF TWIN FALLS

IN RE THE GENERAL ADJUDICATION
OF RIGHTS TO THE USE OF WATER FROM
THE SNAKE RIVER BASIN WATER SYSTEM.

CIVIL CASE NUMBER: 39576

Ident. Number: A35-07180
Date Received: 3/07/1990
Receipt No: Mop 6216
Received By: AWB

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: GARY GEHRING
Address: ~~RT. 1~~ 3648 Gehring Rd.
AMERICAN FALLS, ID 83211 208-226-2142

2. Date of Priority: JUL 06, 1971

3. Source: GROUNDWATER Trib. to:

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4	Lot	County
07S	29E	1		NE	SW		POWER

5. Description of diverting works:
WELL/PUMP TO SPRINKLER SYSTEM

6. Water is used for the following purposes:

Purpose	From	To	C.F.S.	(or)	A.F.A.
IRRIGATION	04/01	10/31	4.900		1056.00

7. Total Quantity Appropriated is:
4.900 C.F.S. (and/or) 1056.00 A.F.A.

8. Total consumptive use is 906.0 Acre Feet Per Annum.

9. Non-irrigation uses:
NONE

10. Place of Use:

Township	Range	Section	1/4 of	1/4	Use	Acres
07S	29E	1	NE	NW	IPR	31.0
			NW	NW	IPR	31.0
			SW	NW	IPR	40.0

A35-07180

Page 1

Date: 03/07/90

MICROFILMED

DEC 10 1992

A3507180



10. Place of Use: Continued

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
07S	29E	1	SE	NW		IRR	40.0
			NE	SW		IRR	40.0
			NW	SW		IRR	40.0
			SW	SW		IRR	40.0
			SE	SW		IRR	40.0
						Section Acres	302.0
						Total Acres	302.0

11. Place of use in counties: POWER

12. Do you own the property listed above as place of use? YES

13. Other Water Rights Used:
NONE

14. Remarks:
AC. IRR.=301.7.

15. Basis of Claim: LICENSE

16. Signature(s)

(a.) By signing below, I/We acknowledge that I/We have received, read and understand the form entitled "How you will receive notice in the Snake River Basin Adjudication." (b.) I/We do do not 0 wish to receive and pay a small annual fee for monthly copies of the docket sheet.

Number of attachments: 0

For Individuals:

I/We do solemnly swear or affirm that the statements contained in the foregoing document are true and correct.

Signature of Claimant(s): *[Signature]* Date: 3/8/90
_____ Date: _____

State of Idaho)
County of Power) SS.

Subscribed and sworn (or affirmed) before me this 8th day
of MARCH 1990
[Signature]
Notary Public

Seal

Residing at am. Falls, Idaho
My Commission Expires 11/5/91

QUALITY REVIEW CHECKLIST FOR REPORT READY SRBA CLAIMS

	N/A	YES	NO	*
1. Does the name and address meet the USPS and our data entry standards?		/		
2. Does the CVR contain information as to how the priority date was determined?		/		
If the claim is based on beneficial use, is there an analysis of the evidence of priority submitted?	/			
Is the stage code correct?		/		
Did the reviewer initial the recommendation of the priority date ?		/		
3. Does the CVR contain information as to how the point of diversion was determined?		/		
Does the CVR contain a description of the system that includes information as to how the source and/or tributary were determined?			/	
Did the reviewer initial the recommendation of the point of diversion and the source and tributary ?		/		
4. Does the CVR contain information as to how the place of use and number of acres (for irrigation rights) were determined?		/		
Did the reviewer initial the recommendation of the place of use ?		/		
5. Does the CVR contain information as to how the nature of use and the season of use were determined?		/		
Does the CVR contain information as to how the diversion rate was determined?		/		
Does the CVR contain information as to how the diversion volume was determined?		/		
Does the CVR contain information as to how the consumptive use volume was determined?		/		
Did the reviewer initial the recommendation of the nature of use , the season of use , the rate of diversion , the diversion volume and the consumptive use volume ?		/		
6. If the claim is based on a right recorded with IDWR, was the total diversion rate claimed?	/			
If the total diversion rate was not claimed, is a review sheet attached?		/		
7. If the claim is based on a right that has conditions/remarks , have these conditions/remarks been considered in the recommendation?			/	MoI
Are all appropriate conditions/remarks included in the recommendation?			/	
8. If remarks are included, are the remarks consistent with the " standard remarks " described in Adjudication Memo 32?		/		
9. If this claim is not being recommended, is the status code correct?		/		
10. Did the reviewer sign the CVR ?		/		
11. Has the " quicklook " page been completed?		/		
12. If additional documents were used in the investigation of this right, are copies of those documents included in the file, or is there a reference to the identity and location of the documents?		/		
13. Does the file contain a copy of the recommended right ?		/		

* See attachment for additional information or explanation.

Quality control review by EN date 3-11-94 Data entry changes by RTF date 3-19-94
 clf 3-11-94 CF 3-17-94

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

License of Water Right No. 35-7180 Priority July 6, 1971 Amount 4.90 cfs

THIS IS TO CERTIFY, that Gehring Farms, Ferd Gehring & Son, Inc.
of American Falls, Idaho, has complied with the terms and conditions of Permit
No. 35-7180 issued pursuant to Application for Permit dated July 6, 1971,
and has submitted proof to the Department of Water Resources on May 28, 1976,
that he has applied water to a beneficial use; an examination by the Department indicates that the works have a
capacity for the diversion of 4.90 cfs of water from a groundwater source,
tributary to _____, and that the permit holder has applied to a beneficial use and
established a right to use water as follows:

Beneficial Use	Period of Use	Rate of Diversion	Annual Volume
<u>Irrigation</u>	from <u>April 1</u> to <u>October 31</u>	at <u>4.90</u> cfs and	<u>1056</u> acre feet
	from _____ to _____	at _____ cfs and	
	from _____ to _____	at _____ cfs and	

(both dates inclusive)

Subject, however, to the condition that no more than 4.90 cfs of water be diverted at any one time, and
that the amount of water so diverted and to which such right is entitled and confirmed is for the purpose
aforementioned and is limited to the amount which can actually be beneficially used and shall not exceed
1056 acre feet per year, said waters to be diverted within the NE $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 1, Twp. 7S,
Rge. 29E, B. M. in the County of Power

Description and location of place of use:

Twp.	Range	Sec.	NE $\frac{1}{4}$				NW $\frac{1}{4}$				SW $\frac{1}{4}$				SE $\frac{1}{4}$				Totals
			NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	
7S	29E	1					31.5	31	39.7	40	40	39.8	40						301.7

Total number of acres irrigated 301.7

A measuring device of a type approved by this Department shall be maintained as part of the diverting works.

NOTE: Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho Law. This right may be forfeited by five years of non-use.

The right to the use of the water hereby confirmed is restricted and appurtenant to the lands or place of use herein described, as provided by the laws of Idaho.

Witness the seal and signature of the Director, affixed at Boise, Idaho, this 24 day of January, 19 78.

Director

RECEIVED
226-2540

Phone 226-2540
JUN 14 1976

Department of Water Resources
Eastern District Office

3. Water will be used for the following purposes:

Other uses: _____

4. Total amount to be appropriated:

Max Rate of Diversion 6.00 cubic feet per second and annual volume _____ AF/Annum.

- 5. Location of Point(s) of Diversion:**

Township 7S N/S, Range 29E E/W, B.M., Section 1, Subdivision NE $\frac{1}{4}$ SW $\frac{1}{4}$ Power
County _____

Township _____ N/S, Range _____ E/W, B.M., Section _____, Subdivision _____ $\frac{1}{4}$ _____ $\frac{1}{4}$ _____
County _____

Township _____ N/S, Range _____ E/W, B.M., Section _____, Subdivision _____ $\frac{1}{4}$ _____ $\frac{1}{4}$ _____
County _____

Other Points of Diversions:

Description of diverting works: 300' deep, 20" casing, 300 hp pump, buried mainlines, wheeled sprinklers.

Measuring device required: yes ☒ no ☐

6. Lands to be irrigated or place of use.

[illegible]

TOTAL ACREAGE _____ **320**

Rge. 29E

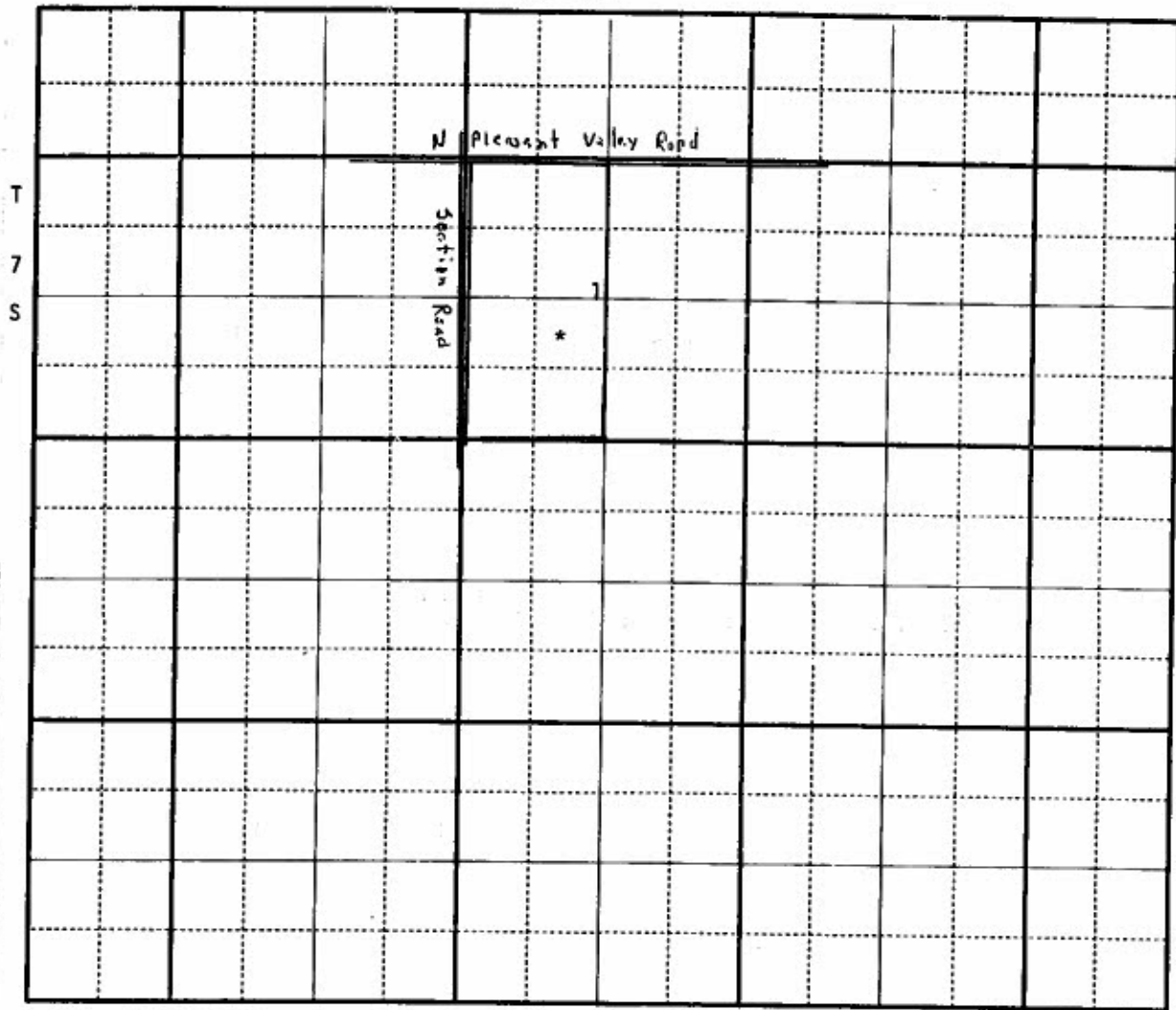
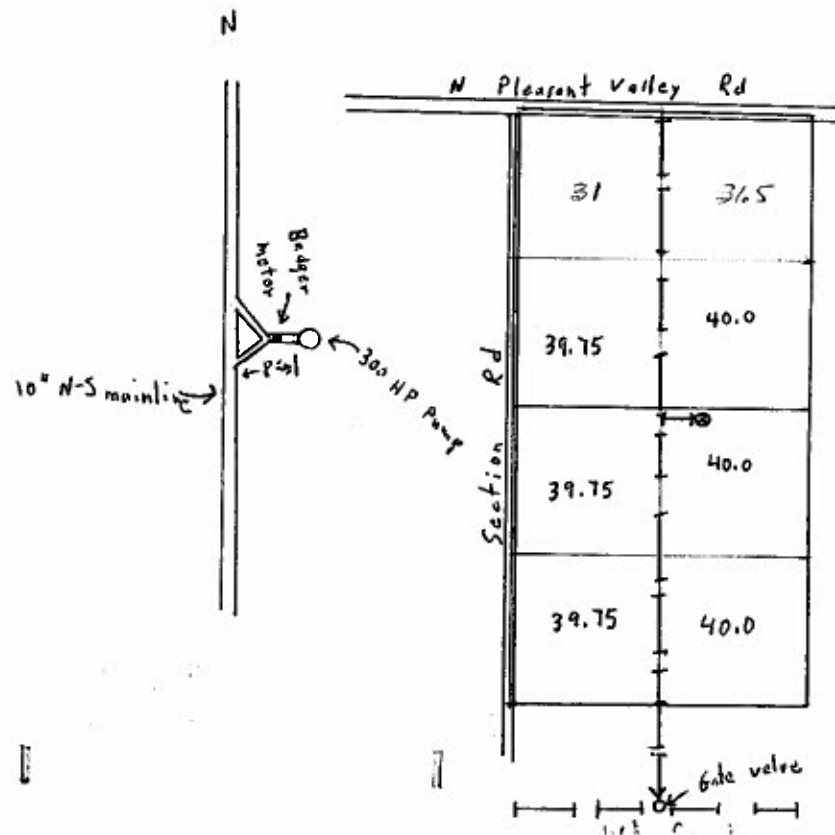


Diagram of System



DATE OF EXAM Aug 12, 1976

ACREAGE
Found 301.7
Recommended 301.7

Irrigation Requirement 3.5 Ac Ft/Ac

USE
Irrigation Q = 4.90 c.f.s. V = 1056 AF/Ann. from Apr 1 to Oct 31
Domestic Q = _____ c.f.s. V = _____ AF/Ann. from _____ to _____
Livestock Q = _____ c.f.s. V = _____ AF/Ann. from _____ to _____

Is water co-mingled? yes _____ no ☒

Name source: _____
twp. _____ N/S, Rge _____ E/W, B.M., Sec. _____, Sub. _____ 1/4 _____ 1/4 _____ County

Exchange? yes _____ no ☒

Name source exchanged with: _____
twp. _____ N/S, Rge _____ E/W, B.M., Sec. _____, Sub. _____ 1/4 _____ 1/4 _____ County

Point of injection: N.A.
twp. _____ N/S, Rge _____ E/W, B.M., Sec. _____, Sub. _____ 1/4 _____ 1/4 _____ County

Point of exchange: N.A.
twp. _____ N/S, Rge _____ E/W, B.M., Sec. _____, Sub. _____ 1/4 _____ 1/4 _____ County

Total Q measured 4.90 cfs Method of measurement In line flow meter

Total Q recommended 4.90 cfs Meter No. MO 538915 Type Budger Condition Std. Cond.

Total V recommended 1056 AF/ann

Recommended Amendments: None

P.D. _____
Place of Use _____
Other _____
None _____

MEASUREMENT CALCULATION:

2,200 gal/min $Q_{meas} = \left(\frac{2,200 \text{ gal}}{1 \text{ min}} \right) \left(\frac{1 \text{ min}}{144.8 \text{ cfs}} \right) = 4.90 \text{ cfs}$

SYSTEM DESCRIPTION:

Pump - motor - 1/2 HP, SPEC 1009936; Pump: Johnston model 129311
to 10" mainline running E/W, to 10" N-S mainline - 1 mi. length.
12- 1/2" wheel lines all w/ 1/4" nozzles.

REMARKS:

System and land shown by Robert Gehring
System tied in w/ second pump in Sec 12, but separated
by gate valve - closed.

Examiner's Signature Loren O. Holmes Date Aug 12, 1976

Checked by Ernest M. Cullen Date 1/20/77

Approved by _____ Date _____

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No. 35-8187

1. Owner: Feed 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 Rd. American Falls

Phone No. 226-2142

Relationship to Permit Holder: Son

3. Source: groundwater tributary to _____

B. OVERLAP REVIEW

1. Other water rights with same place of use: 35-07180

☒ Copies Attached

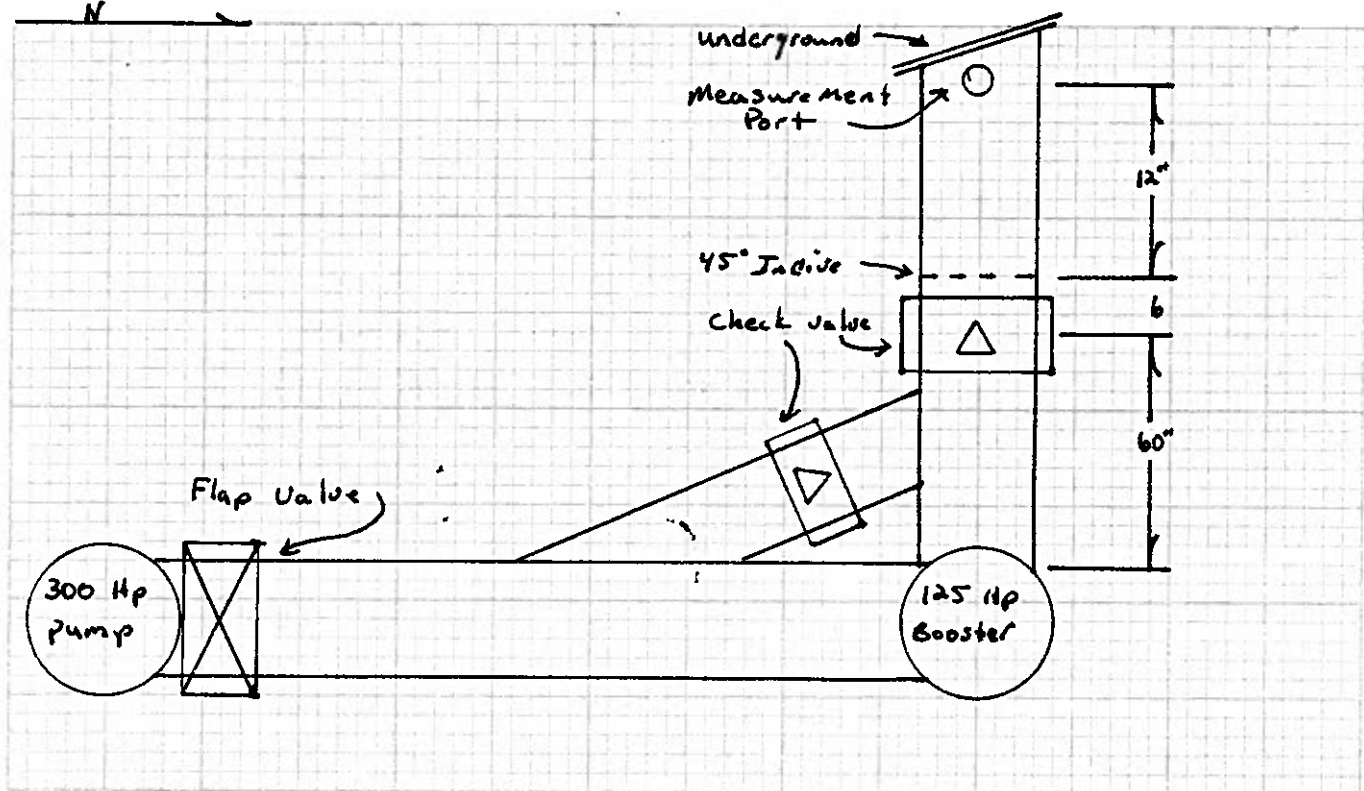
2. Other water rights with same point of diversion: 35-07180

☐ 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).

☒ Aerial Photo Attached
(required for irrigation of 10 acres or more).

☒ Photo of Diversion and System Attached
(required for all but single household domestic groundwater, and stockwater).

System Description (continued)

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

300 Hp pump to 12" Pipe to 125 Hp Booster to 12" Pipe to 14" underground main line to 14- $\frac{1}{2}$ mile wheel lines with 33 bids and 60 gpm Flow control Nozzels operating at 68 psi

☐ See Remarks on page 4 for continuation

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
T-1-1	US Electric	300	CC1004936	Johnston	12" discharge
Booster	Marathon	125	19-00333-2/17-2	Berkley	8" discharge

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

5. Point(s) of Diversion:

Ident. No.	Gov't. Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
			NE	SW	1	7S	29E	Power	Quad + onsite Inspection

6. Place(s) of Use:

Indicate Method of Determination

Twp.	Rge.	Sec.	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Totals
			NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	
7S	29E	1		1			32	32	39	40	40	39	39	37					299
				L-2			L-3	L-4											

Do not use this space

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 meter station	Oranbar	Dieterich	7517-3/16-55	191156	12	-
Flow Indicator	Manometer	IDWR	-	-	60"	-
Pressure Gage	Fluid	Rainbird	-	-	0-160	-

2. Measurements:

* Operating pressure 68 psi

* not Ideal measurement Port ^{Suggest} using

$$(14 \text{ lines}) \times (33 \text{ bird per line}) \times (6 \text{ gpm Flow}) = 2772.0 \text{ gpm}$$

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 Ampsx .001732 = _____ (6)

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

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 277 \text{ gpm} \times 4.0 \text{ ft} = 1196 \text{ ac}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = 1.3 \text{ cfs} \times 214 \times 1.9835 = 479.6$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 479.6 \text{ ac}$$

2. Volume Calculations for Other Uses:

H. REMARKS AND OVERLAP REVIEW ANALYSIS

Since License 35-07180 already has 4.90 cfs of the system
for 302 acres, then $6.18 \text{ cfs capacity} - 4.90 \text{ cfs} = 1.28 \text{ cfs left}$.
* Permit only asks for 1.16 cfs. Recommend 1.13 cfs as per point
of diversion overlap review sheet.

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Irrigation	4-1	10-31	1.13 cfs	479.6
Totals:			1.13 cfs	479.6

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

J. AUTHENTICATION

Field Examiner's Name Gary Bass

Signature Gary Bass

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
LICENSING REPORT

35-8187
Permit No.

Measurement Calculations Theoretical Capacity

pump hp = 300 hp

Booster hp = 125 hp

Static H₂O Level = 216

Assume: 70% efficiency,
278 dynamic Pumping = Lift

$$\text{Total H}_p = 425 \text{ hp} = (300 + 125 \text{ hp})$$

$$Q = \frac{\text{hp} (8.814) (\text{eff})}{\text{Lift} + (PSI \times 2.308)} = \frac{(425)(8.814)(.7)}{278 + (68 \times 2.308)} = 6.028 \text{ cfs}$$

$$Q = 6.03 \text{ cfs} = 2706 \text{ gpm}$$

Theoretical system capacity of 6.03 cfs (2706 gpm) is very close to Calculations of the number of sprinklers and their rated capacity 6.18 cfs (2772 gpm).

Both Values exceed 0.02 cfs/ac for 299 ac or 5.98 cfs

Therefore: Recommend Limiting right to 0.02 cfs/ac

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. 35-8187

T-1-1

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 = 40.0
T = Pipe Thickness in Inches = 0.135 12.48"
ID = $2 [(0.1592 \times CIR) - T] =$ 12.48"

ANNUBAR DESCRIPTION & CONSTANT (C)

Size Used in Test 12"
State ID No. 191156

Select C based on size from Table below.

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

C selected 3.99

DIFFERENTIAL PRESSURE READING IN INCHES OF H₂O (H)

High Reading = 32.9
Low Reading = 18.9
High - Low = H = ... 14

CALCULATION OF DISCHARGE IN CFS (Q)

$$Q = \frac{(ID)^2 \cdot (\sqrt{H}) \cdot (C)}{448.8}$$

$$Q = \frac{(12.48)^2 \cdot (\sqrt{14}) \cdot (3.99)}{448.8} = 5.18 \text{ cfs} \quad 2325.2 \text{ gpm}$$

14-69 gpm Flow
1/4-33 birds
2772 gpm
68 psi

Not Ideal measurement

Because of position of measurement Port and Fluxuation of water in Manometer.

SKETCH (if not shown on Field Report)

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
POINT OF DIVERSION OVERLAP REVIEW

35-8187
Permit Number

1. Analysis of Entire System, Current Application Rate per Acre (Q_c):
Limit to 0.02 cfs/ac, Permitted Amount, or System Capacity, Whichever is Less.

A. Total Number of Acres irrigated = 299 acres

B. Total Diversion Rate = 6.18 cfs Limit to 0.02 cfs/ac = 5.98

$$Q_c = \text{Total Diversion rate [1.B] / Total irrigated acres [1.A]} \\ = \frac{5.98 \text{ cfs}}{299 \text{ acres}} = 0.02 \text{ cfs/ac}$$

2. Old Application Rate per Acre (Q_o) from Licensed Flow Rates:

License # 35-7180 @ 4.90 cfs / 302 ac

License # _____ @ _____ cfs / _____ ac

License # _____ @ _____ cfs / _____ ac

$$Q_o = \text{Total Licensed Rate} = \frac{4.90 \text{ cfs}}{302 \text{ ac}} = 0.01623 \text{ cfs/ac} \\ (\text{Old Diversion Rate}(Q_o) = \text{Licensed Flow Rate} / \# \text{ acres})$$

3. Comparison of Diversion Rates if:

A. Old Diversion Rate(Q_o) > New Diversion Rate(Q_c) : EXCLUDE Licensed Lands.

$$Q_o(\#2) = \text{_____} > Q_c(\#1) = \text{_____} \quad \text{GO TO ITEM \#4A.}$$

B. New Diversion Rate(Q_c) > Old Diversion Rate(Q_o) : INCLUDE Licensed Lands.

$$Q_c(\#1) = 0.02 \text{ cfs/ac} > Q_o(\#2) = 0.01623 \quad \text{CONTINUE TO ITEM \#3.B.1}$$

1. Additional Flow Rate for Licensed Lands. *

$$Q_a = (Q_c - Q_o) \times (\# \text{ Lic. Ac.}) = \left(\left(\frac{0.02}{\text{cfs/ac}} \right) - \left(\frac{0.01623}{\text{cfs/ac}} \right) \right) \times \left(\frac{299}{\text{acres}} \right) = 1.13 \text{ cfs}$$

2. Flow Rate for New Acreage. Total acres(#1.A) - Licensed acres(#3) = New Acres
(299) - (299) = 0 acres

$$Q_n = (Q_c) \times (\# \text{ New Ac.}) = (\text{_____ cfs/ac}) \times (\text{0 ac}) = \text{0 cfs}$$

GO TO ITEM #4B.

4. Calculate Total Flow Rate to be licensed:

A. Flow Rate excluding licensed land. Total Acres(#1.A) - Lic. Acres(#2) = New Acres
(299) - (299) = 0 ac

$$Q_t = Q_c(\#1) \times (\# \text{ New Acres}) = \text{_____ cfs/ac} \times \text{_____ ac} =$$

$$Q_t = \text{_____ cfs}$$

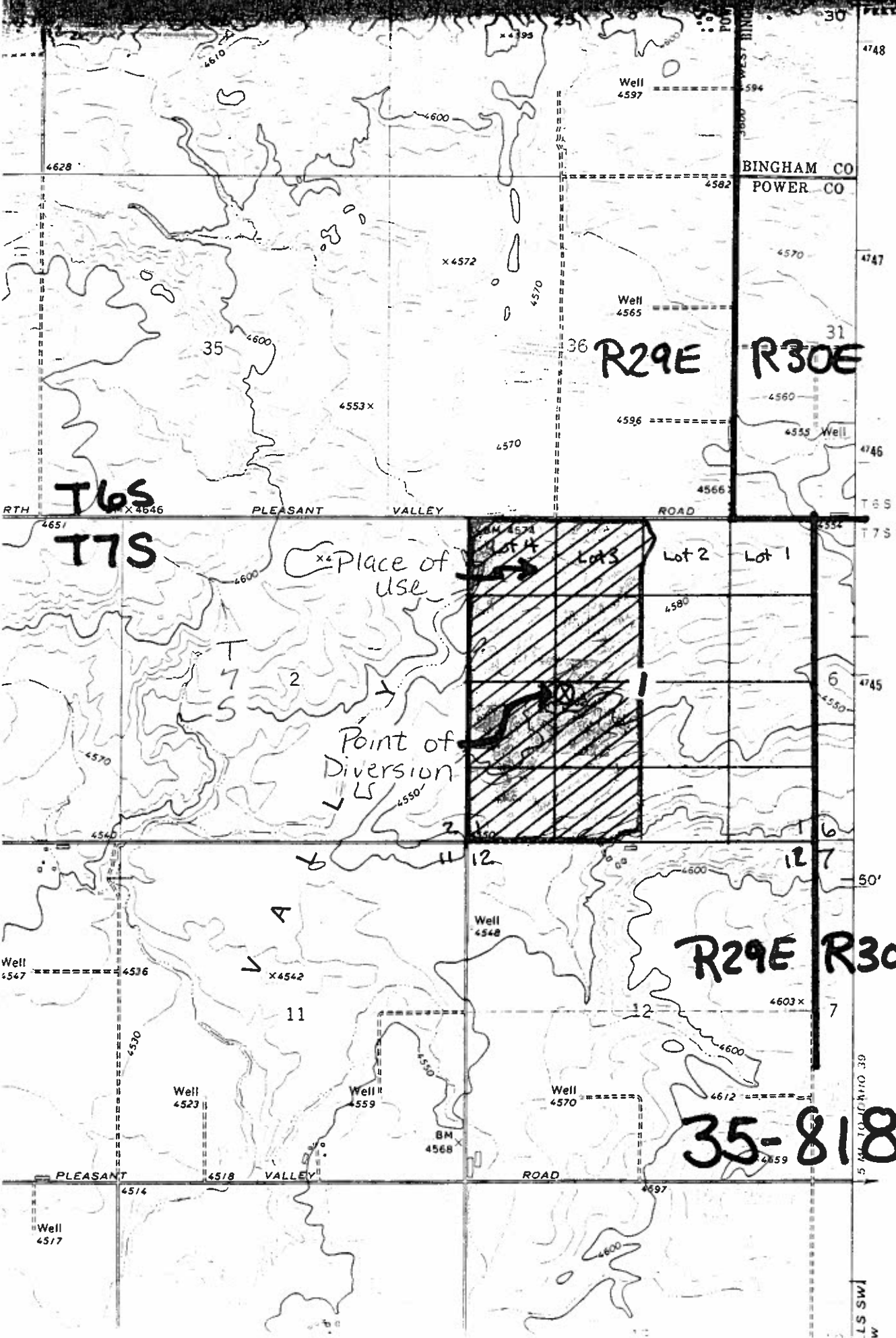
CONDITIONS/REMARKS: _____

- B. Flow Rate including licensed land.

$$Q_t = Q_a(\#3.B.1) + Q_n(\#3.B.2) = 1.13 \text{ cfs} + \text{0 cfs} =$$

$$Q_t = 1.13 \text{ cfs}$$

CONDITIONS/REMARKS: *NOTE USE CURRENT IRRIGATED ACRES IN CALCULATIONS



T6S
T7S

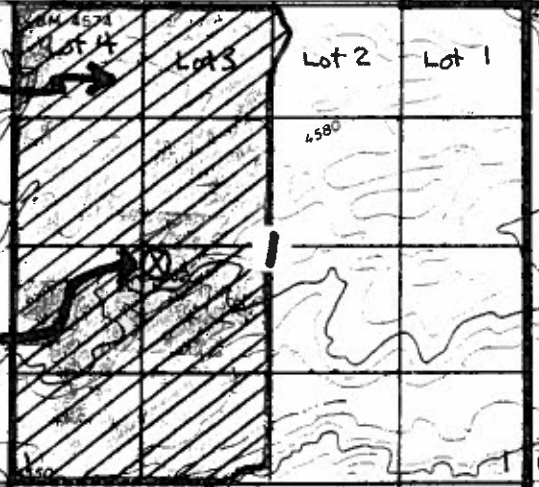
R29E R30E

R29E R30E

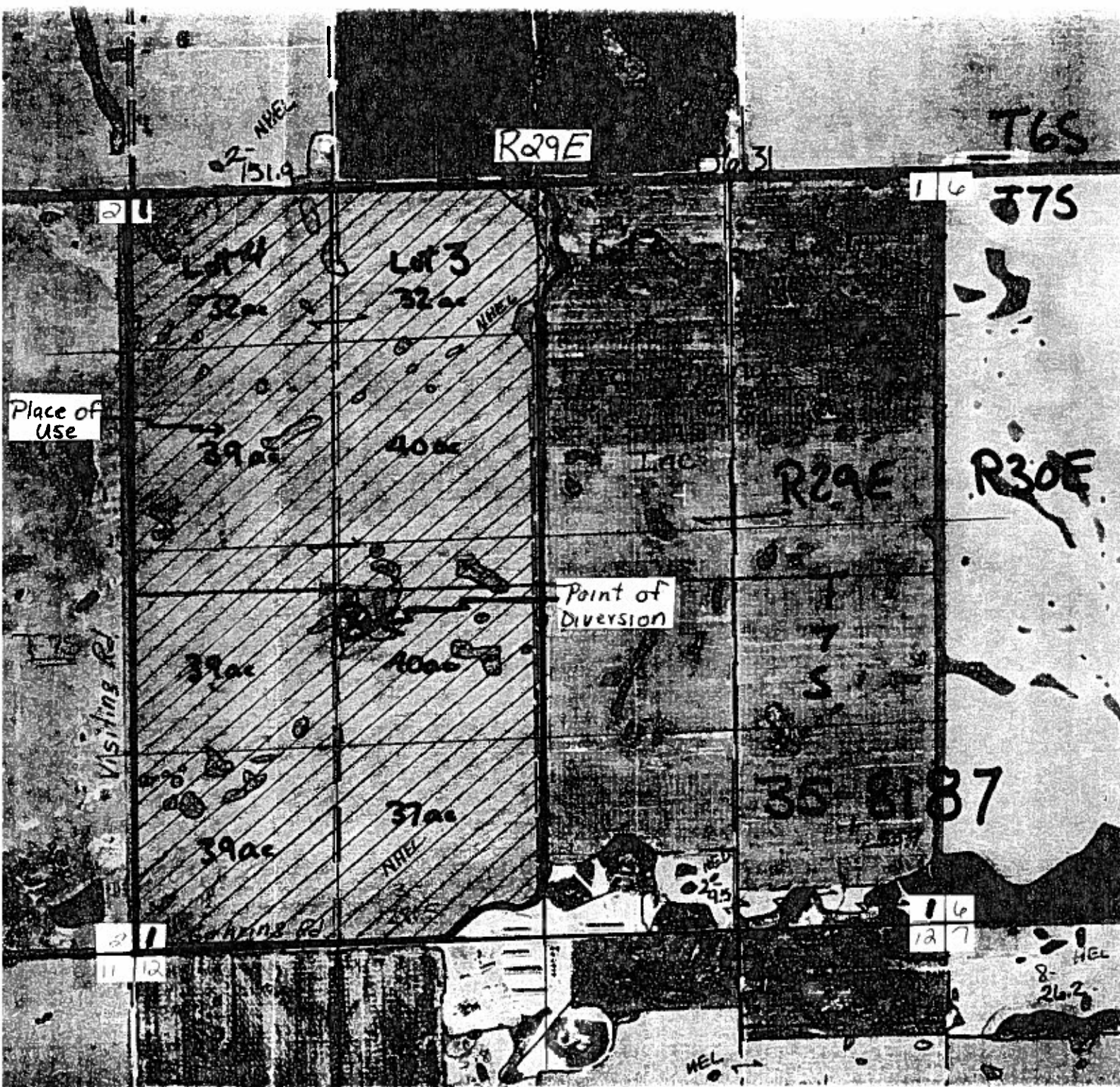
35-8187

Place of Use

Point of Diversion



35-08187



35-8187

R. 29 E.

R. 30 E.

#877
Melvin Funk
Farms

NOT To Scale

R29E

R30E

I-10

T6S

North Pleasant Valley

T7S

R29E

T7S

Lot 4
(32)

Lot 3
(32)

(39)

(40)

(39)

(40)

(39)

(37)

majority of
This Area Has
Been Removed
300 ac. Farmable

R29E

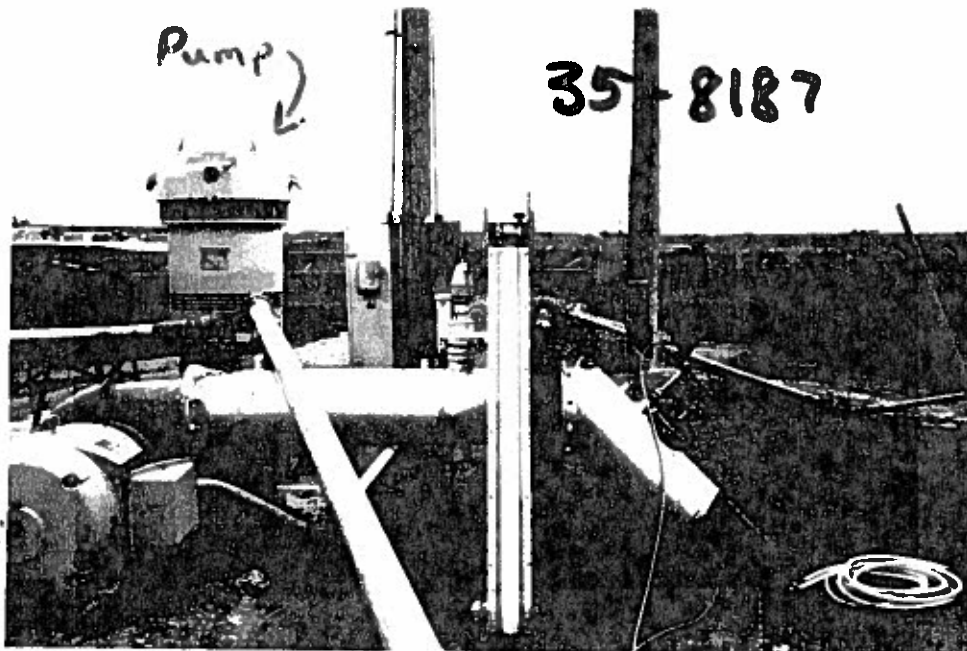
R30E

35-8187

Booster

Pump

35-8187



35-8187

check valves



35-8187

Flap

