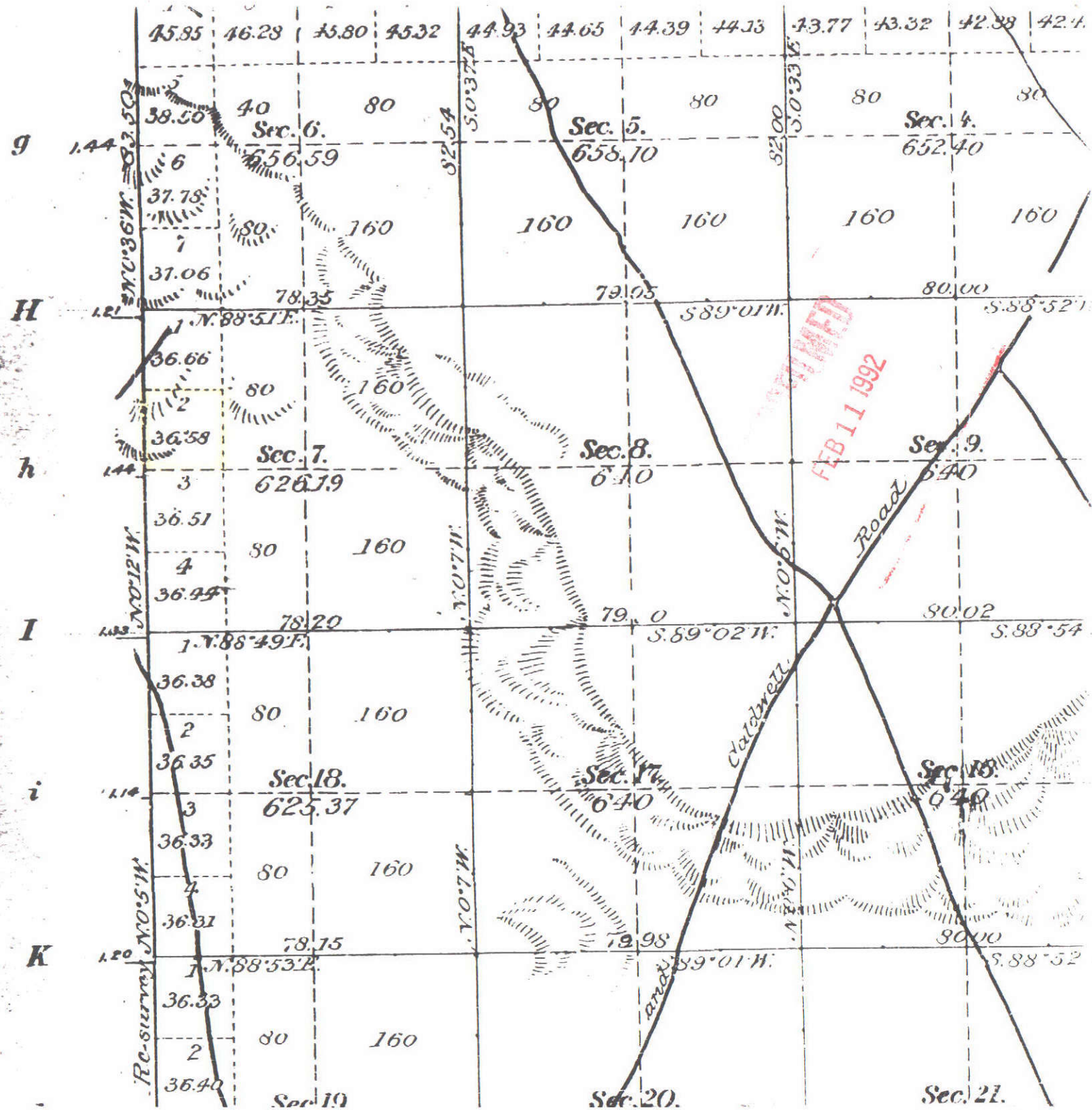
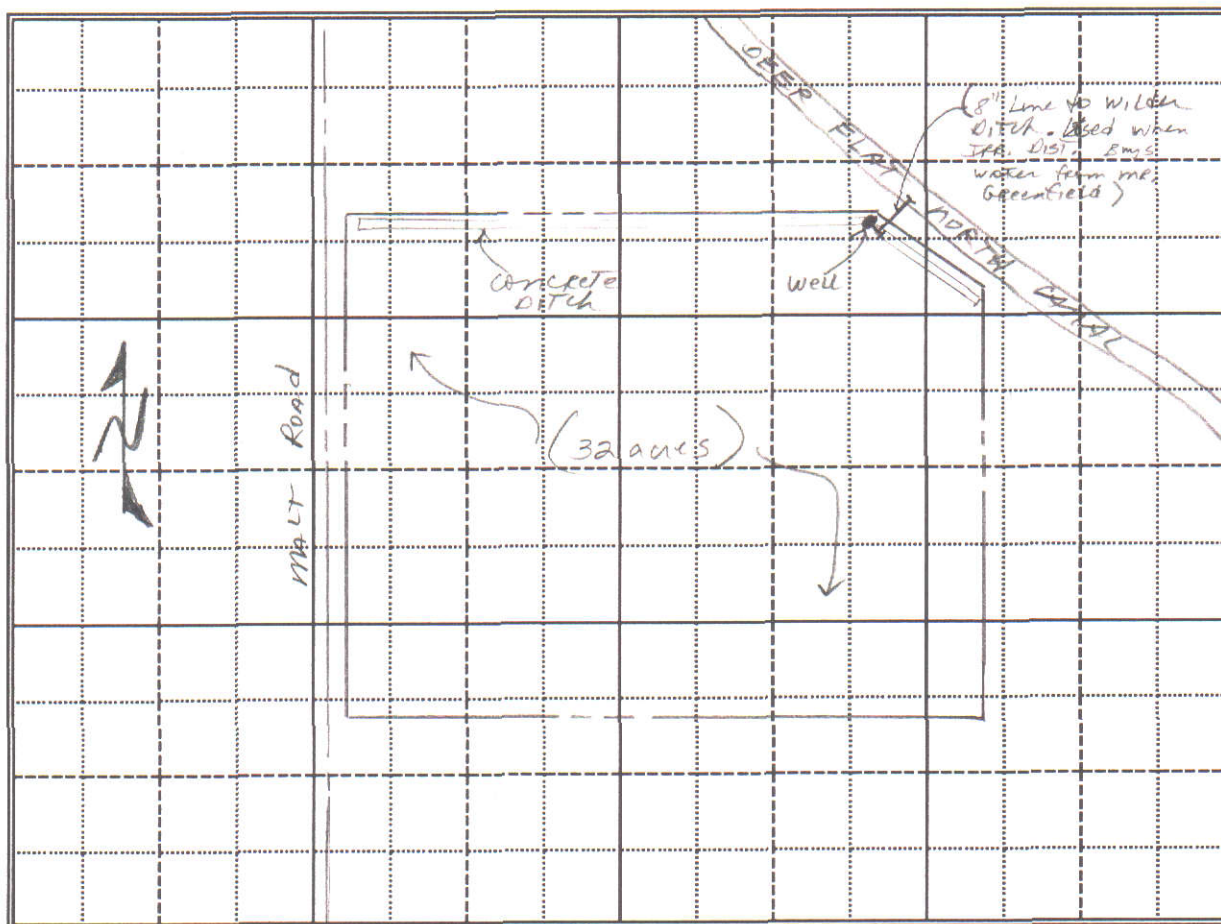




3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable.



Scale: 1" = NTS

☒ Copy of USGS Quadrangle Attached Showing location(s) of point(s) of diversion and place(s) of use (required).

☒ Aerial Photo Attached (required for irrigation of 10+ acres)

☒ Photo of Diversion and System Attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	^{model} Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
	Franklin	10	2822 029307	Crown	6"

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

D. FLOW MEASUREMENTS

N/A - Supplemental System

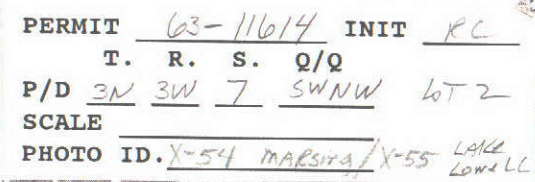
1.

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

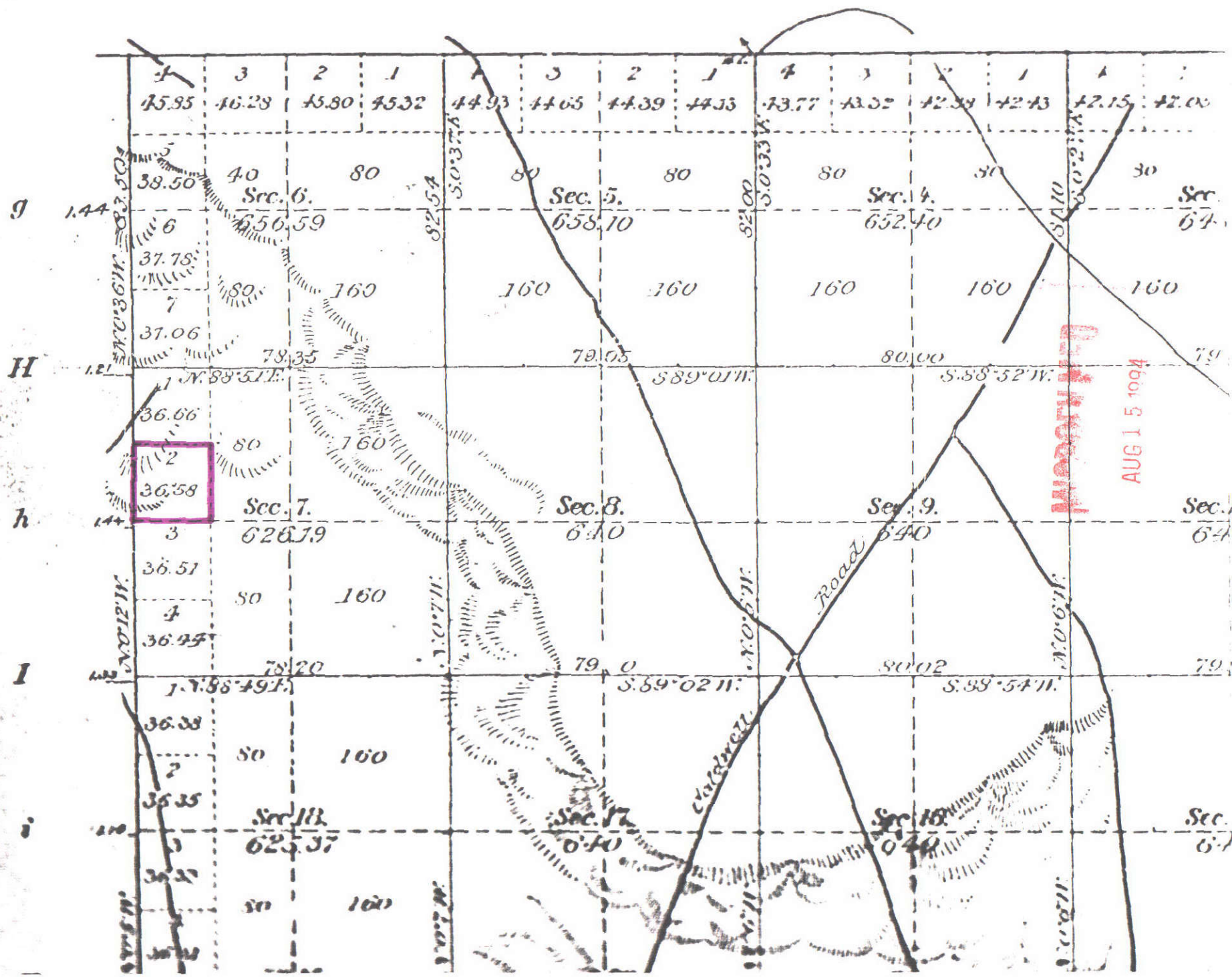
2. Measurements:

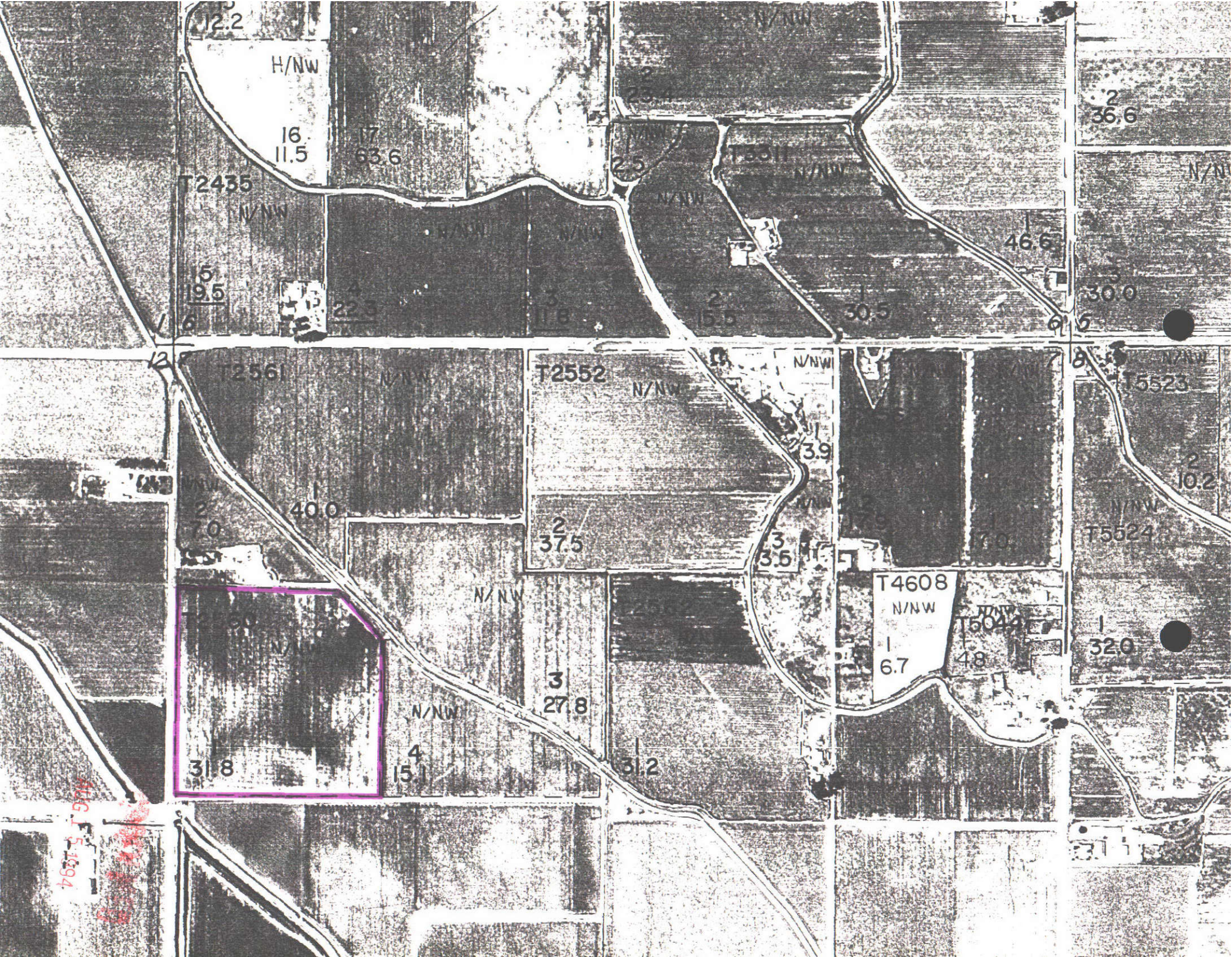
MAINTENANCE

AUG 15 1994



G F E D





12.2

H/NW

16
11.5

17
63.6

T2435

N/NW

15
19.5

22.3

T2552

N/NW

2
37.5

3.9

3
3.5

T4608

N/NW

1
6.7

T5044

48

1
32.0

31.8

4
15.1

3
27.8

31.2

30.0

46.6

2
36.6

AUG 15 1994



PHOTO ONE-

View west of well and concrete ditch. Portion of irrigated acreage shown at left. The partially buried 8" line to Deer Flat North Canal is shown at Tee Section.



View southeast of well, concrete ditch, and the eastern portion of irrigated acres.

PHOTO TWO-

APR 15 1994

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 63-11614

Priority: November 12, 1991

Maximum Diversion Rate: 0.64 CFS
Maximum Diversion Volume: 144.0 AF

This is to certify, that V D GREENFIELD
3908 AIRPORT AVE
CALDWELL ID 83605

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated November 12, 1991; and has submitted Proof of Beneficial Use on December 7, 1993. An examination indicates that the works have a diversion capacity of .790 cfs of water from a GROUNDWATER source, and a water right has been established as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>ANNUAL VOLUME</u>
IRRIGATION	03/15 to 11/15	0.64 CFS	144.0 AF

LOCATION OF POINT(S) OF DIVERSION: Lot 2(SWNW), Sec. 7, Township 03N, Range 03W
CANYON County

PLACE OF USE: IRRIGATION

<u>TWN</u>	<u>RGE</u>	<u>SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
03N	03W	7	Lot 2(SWNW)	32		32

Total number of acres irrigated: 32

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 is limited to the amount that can actually be beneficially used. The maximum diversion volume may be adjusted to more accurately describe the beneficial use or to implement accepted standards of diversion and use efficiency.
2. This water right is appurtenant to the described place of use.
3. This right is subject to all prior water rights and may be forfeited by five years of non-use.
4. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
5. This right when combined with all other rights shall provide no more than .02 cfs per acre nor more than 4.5 afa per acre for the lands above.
6. The right holder shall fully use all surface water rights appurtenant to the lands identified above prior to using water under this right.

AUG 15 1994

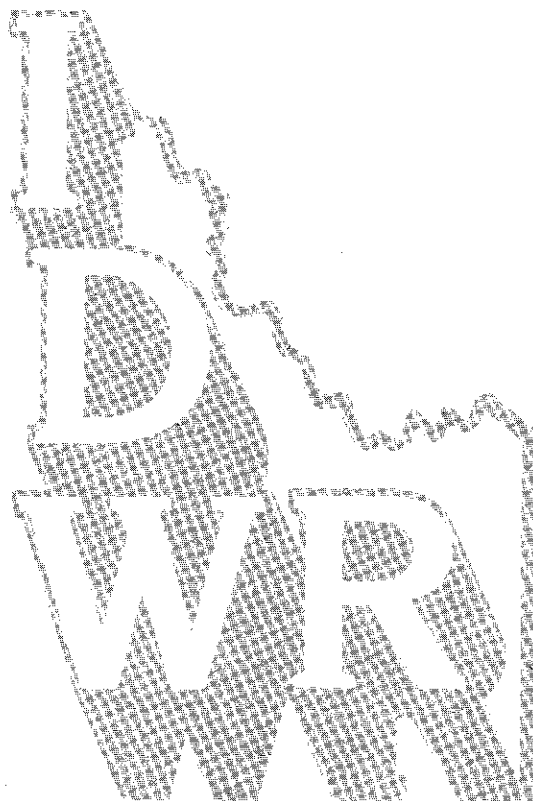
State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 63-11614

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 10th
day of AUGUST, 1994.

Acting for  R. Keith Higginson, Director



AUG 18 1994

OFFICE USE ONLY
Amt. of Fee \$ 100
Date 12-6-93
Receipt No. W017000
Receipt by 82

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

RECEIVED

DEC 07 1993

PROOF OF BENEFICIAL USE

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

1. Permit No. 63-11614 Telephone No. 459-7223 or 459-9726 (SON)

2. Name(s) of Permit Holder(s): V. D. Greenfield

3. Mailing Address: 3908 Airport Caldwell ID 83605

4. Source of Water: Groundwater

If GROUNDWATER, Well Driller's Name: Dave Adamson Date Drilled: 1991

OPTIONAL:

Pump horsepower: 10 Pressure (psi): OPEN Discharge to ditch Dynamic pumping level (ft.): 30 32

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

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

Irrigation 34 (No. of acres) Other _____

6. Total rate and/or volume for which proof is submitted .68 cfs OR _____ acre/feet

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

Measuring device: Required? _____ Yes ☒ No _____ Installed? _____ Yes _____ No

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

8. Fee Enclosed: \$ 100 (See License Fee Schedule on back of Instruction Sheet)

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

AS Above
Name Telephone No.

Address

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

JAN 13 1994

12/6/93 V D Greenfield
Date Signature (and title, if on behalf of a company or organization)

CONFIDENTIAL MEMORANDUM

Date 12/19/91 File # 63-11614

NAME OF PARTY Vernon Greenfield

EMPLOYEE J. Westra

RE Please ^{and} permit approval and

Correspondence to:

Robert L. Greenfield

17353 Lower Pleasant Ridge Rd.

Caldwell ID 83605.

Phone 459-9720

Mr. Greenfield is in AZ. for the
winter.

FEB 11 1992

State of Idaho
Department of Water Resources

Permit To Appropriate Water

NO. 63-11614

Proposed Priority: November 12, 1991 Maximum Diversion Rate: 0.68 CFS
This is to certify, that V D GREENFIELD

3908 AIRPORT
CALDWELL ID 83605

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

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>
IRRIGATION	03/15 to 11/15	0.68 CFS

LOCATION OF POINT(S) OF DIVERSION: Lot 2(SWNW), Sec. 7, Township 03N, Range 03W
CANYON County

PLACE OF USE: IRRIGATION

<u>TWN</u>	<u>RGE</u>	<u>SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
03N	03W	7	Lot 2(SWNW)	34		34

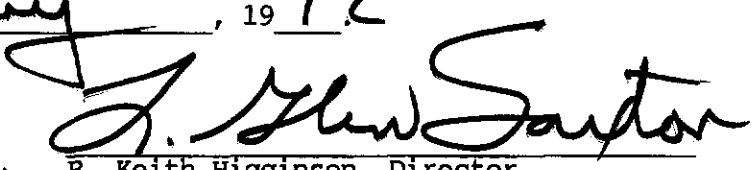
Total number of acres irrigated: 34

CONDITIONS/REMARKS:

1. Proof of construction of works and application of water to beneficial use shall be submitted on or before February 1, 1994.
2. Subject to all prior water rights.
3. Project construction shall commence within one year from the date of permit issuance and shall proceed diligently to completion unless it can be shown to the satisfaction of the Director of the Department of Water Resources that delays were due to circumstances over which permit holder had no control.
4. Permit holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code.
5. 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.

This permit is issued pursuant to the provisions of Section 42-204, Idaho Code.
Witness the seal and signature of the Director, affixed at Boise, this

29th day of January, 1992


R. Keith Higginson, Director

FEB 11 1992

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

1. Name of applicant W D Greenfield Phone 459-7223
Post office address 3908 Airport Caldwell Idaho 83605
2. Source of water supply Groundwater which is a tributary of N/A
3. Location of point of diversion is SW $\frac{1}{4}$ of NW $\frac{1}{4}$, Govt. Lot 2
Sec. 7 Township 3N Range 3W B.M. Canyon County; additional
points of diversion if any: _____
4. Water will be used for the following purposes:
Amount .68 for Irrigation purposes from 3-15 to 11-15 (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
5. Total quantity to be appropriated is (a) .68 and/or (b) _____
cubic feet per second acre feet per annum
6. Proposed diverting works:
a. Description of ditches, flumes, pumps, headgates, etc. Well w/Pump

b. Height of storage dam _____ feet; active reservoir capacity _____ acre-feet; total
reservoir capacity _____ acre-feet; period of year when water will be diverted to storage:
_____ to _____ inclusive.
c. Proposed well diameter is 12" inches; proposed depth of well is 110[±] feet.
d. Is ground water with a temperature of greater than 90°F being sought? NO
7. Time required for the completion of the works and application of the water to the proposed beneficial use is
2 years (minimum 1 year).

FEB 11 1992

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

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

9. Description of place of use:

- a. If water is for irrigation, indicate acreage in each subdivision in the tabulation below.
- b. If water is used for other purposes, place a symbol of the use (example: *D* for *Domestic*) in the corresponding place of use below. See instructions for standard symbols.

TWP	RANGE	SEC.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
3N	3W	7						34											34

Total number of acres to be irrigated 34

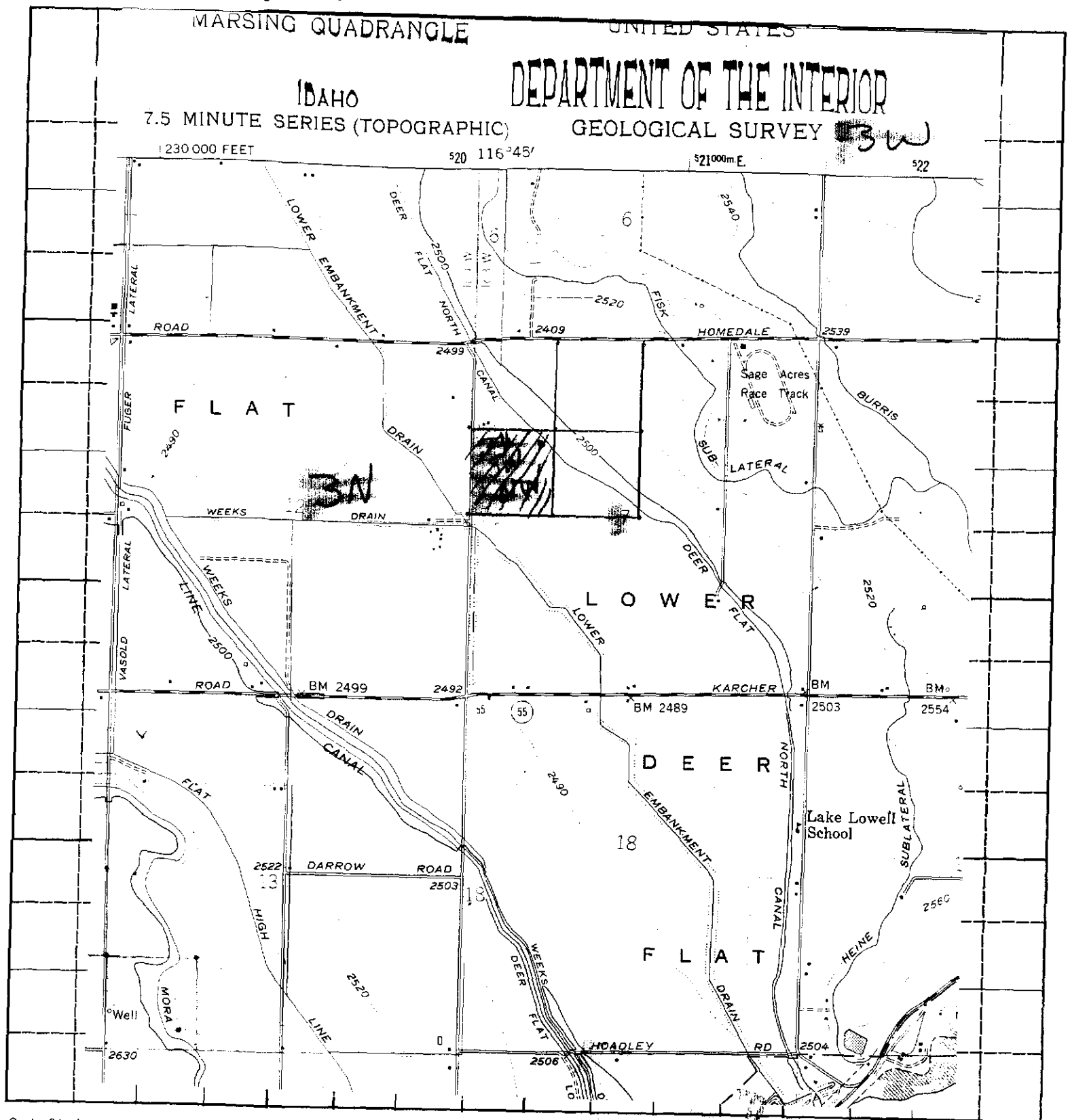
10. Describe any other water rights used for the same purposes as described above. Wilder I.D.

11. a. Who owns the property at the point of diversion? Applicant
- b. Who owns the land to be irrigated or place of use? Applicant
- c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing. _____

12. Remarks: _____

FEB 11 1992

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



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.

[Signature]
(Applicant)

Received by RW Date 11-12-91 Time 10:00 A Preliminary check by W 11/18/91
Fee \$ 45⁰⁰ Receipted by RW # W013867 Date 11-12-91
Publication prepared by GG Date 11-27-1991 Published in Press-Tribune
12/4 & 12/11/1991
Publication approved ST Date 1-7-92

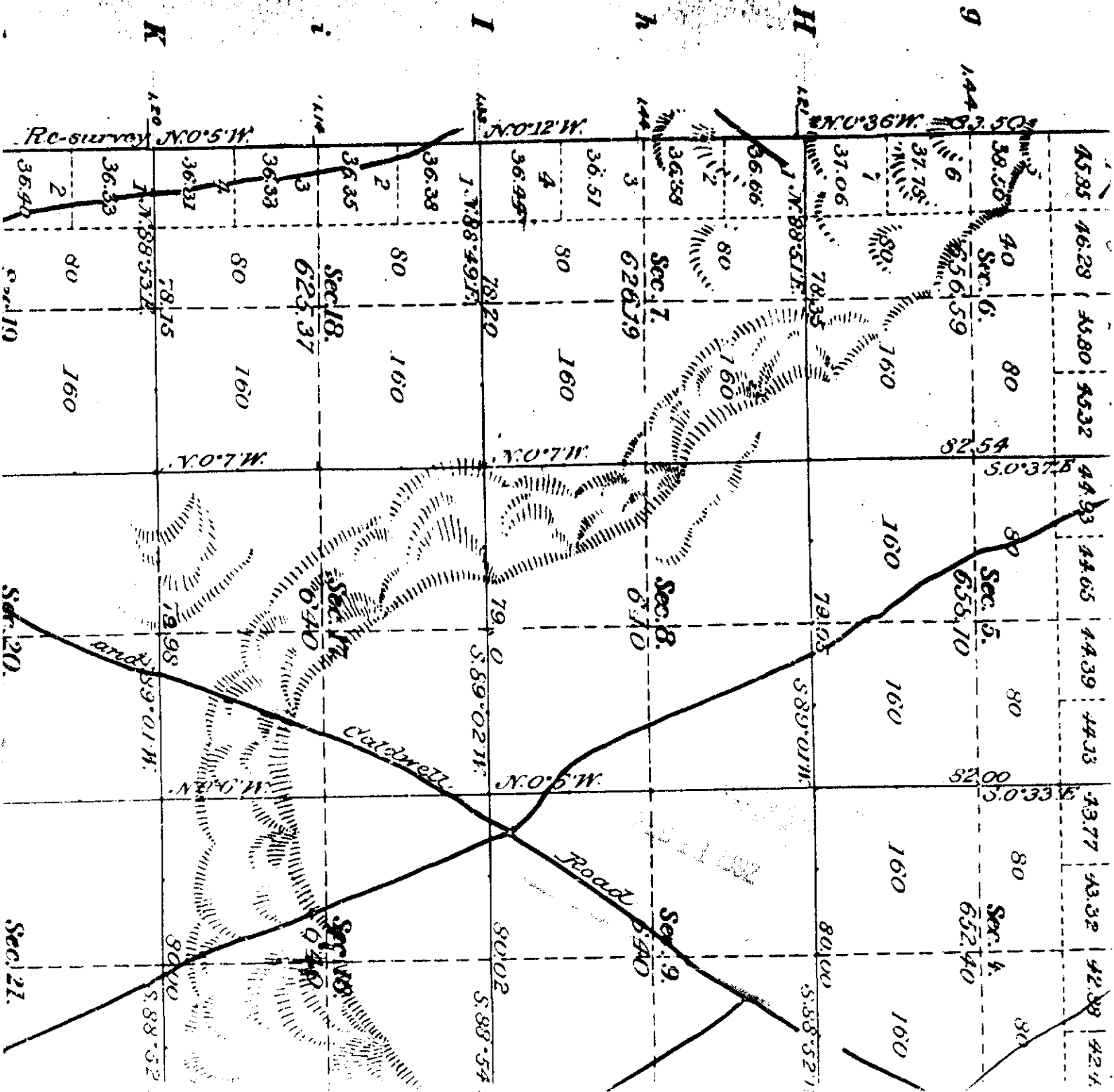
ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

This is to certify that I have examined Application for Permit to appropriate the public waters of the State of Idaho No. _____, and said application is hereby _____.

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

- a. SUBJECT TO ALL PRIOR WATER RIGHTS.
- b. Proof of construction of works and application of water to beneficial use shall be submitted on or before _____, 19 ____.
- c. The rate of diversion, if water is to be used for irrigation under this permit, when combined with all other water rights for the same land shall not exceed 0.02 cubic feet per second for each acre of land.
- d. The water right acquired under this permit if for hydropower purposes shall be junior and subordinate to all rights to the use of water, other than hydropower, within the State of Idaho that are initiated later in time than the priority of this permit and shall not give rise to any right or claim against any future rights to the use of water, other than hydropower, within the State of Idaho initiated later in time than the priority of this permit.
- e. Other:

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FEB 11 1992



AFFIDAVIT OF PUBLICATION

STATE OF IDAHO)

) SS.

County of Canyon)

DEC 12 1991

Department of Water Resources
Western Regional Office

Teresa Shearer

NOTICE OF APPLICATION FOR WATER RIGHT

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

63-11614

GREENFIELD, V. D.

3000 AIRPORT

CALDWELL, IDAHO 83605

Source: GROUNDWATER

Diversion Pt: LOT 2 (SWNW)

Use: IRRIGATION

Sec. 7 T 03N R 03W in CANYON County.

(.680 CFS)

Total Diversion: (.680 CFS)

Lot 2 (SWNW)

Date Filed: 11/12/1991

In: CANYON County T03N R03W S07

34.0 ACRES TOTAL

The permit(s) will be subject to all prior water rights. Protests must be filed with the Director, Dept. of Water Resources, Western Region, 2735 Airport Way, Boise, Idaho 83705 on or before December 23, 1991.

R. KEITH HIGGINSON

DIRECTOR

December 4, 11, 1991

of Nampa, Canyon County, Idaho, being first duly sworn, deposes and says:

1. That I am a citizen of the United States of America, and at all times hereinafter mentioned was over the age of eighteen years, and not a party to the above entitled action.

2. That I am the Principal Clerk of the Idaho Press-Tribune, a daily, (except Saturday) newspaper published in the City of Nampa and Caldwell, in the County of Canyon, State of Idaho; that the said newspaper is in general circulation in the said County of Canyon, and in the vicinity of Nampa and Caldwell, and has been uninterruptedly published in said County during a period of seventy-eight consecutive weeks prior to the first publication of the notice, a copy of which is hereto attached.

3. That the notice, of which the annexed is a printed copy, was published in said newspaper

two times

—in the regular and entire issue of said paper, and was printed in the newspaper proper, and not in a supplement.

4. That said notice was published the following dates:

December 4, 11, 1991

STATE OF IDAHO)

)

COUNTY OF CANYON)

On this 11th day of December in the year of 1991, before me, a Notary Public, personally appeared Teresa Shearer, known or identified to me to be the person whose name subscribed to the within instrument, and being by me first duly sworn, declared that the statements therein are true, and acknowledged to me that he/she executed the same.

Notary Public for Idaho
Residing at Nampa

MY COMMISSION EXPIRES
JUNE 21st, 1997



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 10, 1994

V D GREENFIELD
3908 AIRPORT AVE
CALDWELL ID 83605

RE: WATER RIGHT NO. 63-11614

Dear Water Right Holder(s):

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

Sincerely,

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

JIM JOHNSON, Manager
Water Right Permits Section

JJ:dc

Enclosure

AUG 15 1994

Cindy Zimmerman

Permit #: 63-11614 Name: Greenfield Date: 7/18/94

	Yes	No	
NAME	☐	☒	Or Address Change?
SOURCE	☐	☒	Change/Clarify source _____ Prelim. Order to Void - Source change.
P/D	☐	☒	Amendment Needed? clarify? _____ -P39, P38
	☐	☒	Overlap(s) _____
P/U	☐	☒	Amendment Needed? reduce? <u>32A</u> _____ -P41, P38
	☒	☐	Overlap(s) <u>63-02388 (wider in Dist)</u> *P/D & P/U Amend? P37, P38 (See list for feds.)
RATE	☐	☒	Measurement Done? _____
	☒	☐	Theoretical Only? <u>32A x 0.02 cfs/A = 0.64 cfs</u>
	☒	☐	Theoretical (HP) <u>8.8 x 0.70 x 10</u> <u>32 + (2.31 x 20)</u> = 0.79
	☒	☐	Capacity <u>0.79</u> cfs Allowable Amount: <u>0.64</u> cfs
VOLUME	☐	☒	Season of Use: <u>3/15 - 11/15</u> days <u>246</u> Calculations: <u>32A x 4.5 AF/A = 144.0</u>
	☐	☐	Flow limit: <u>0.64</u> x <u>246</u> x <u>1.9835</u> = <u>312.3</u> AF Allowable volume <u>144.0</u> AF
USES	☐	☒	Change(s) in Nature of Use? _____ -P46
	☐	☒	Amendment Needed? _____
REMARKS	☐	☒	Multiple p/d's in $\frac{1}{4}$? _____
	☒	☐	Other <u>W83, W31</u>
CONDITIONS	☐	☒	Measuring/Locking Devices
	☒	☐	Watermaster Control - Water District <u>63</u>
	☒	☐	Irrigation Overlap
	☒	☐	Water Quality
	☒	☐	Other
PRIORITY	☒	☐	Correct fee submitted? Receipt No. <u>W017000 12/6/93</u>
	☐	☒	Order to Reinstate Needed? Done? _____
	☐	☒	Advance(d)? _____ Advanced to: _____
	App Rcd <u>11/2/94</u>	Priority <u>11/2/94</u>	Exam done <u>3/23/94</u>

COMMENTS:

RECOMMENDED	CFS	DIV VOL
<u>1rr / 32A</u>	<u>0.64</u>	<u>144.0</u>
<u>TOTAL</u>	<u>0.64</u>	<u>144.0</u>

LICENSE: P49
#1 AMEND LTR: P46 or
P39/P41/P37 & P38
#2 AMEND LTR: P42/P47

WR0749NP
No. L63-11614

IDAHO DEPARTMENT OF WATER RESOURCES
WATER RIGHT PROFILE REPORT

DATE: 08/04/94
PAGE: 1

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM TO	DIVERSION RATE	DIVERSION VOLUME
C	V D GREENFIELD 3908 AIRPORT AVE CALDWELL ID 83605 (208) 459-7223	11/12/1991	IRRIGATION	03-15 11-15	0.64 CFS	144.00 AFA
TOTAL DIVERSION:					0.64 CFS	144.00 AFA

Water Source: GROUNDWATER

Tributary to:

Stage: LICENSE

Point(s) of Diversion Capacity: 0.79 CFS

Point(s) of Diversion: T03N R03W S07 Lot 02(SWNW)

CANYON County

Place of use Legal Description for: IRRIGATION

NE				NW				SW				SE							
T	R	S	:	LT	AC	LT	AC	LT	AC	LT	AC	LT	AC	LT	AC	LT	AC	:	SUM
03N	03W	7	:																32.0
TOTAL ACRES																			32.0

Pol County: CANYON

Other Rights: Wilder Irrigation District

Other Water Rights with Same Point(s) of Diversion and Source:
63-11614

Other Water Rights Listing Overlapping Place(s) of use:
63-11614

Conditions of Approval:

- R32 - This right when combined with all other rights shall provide no
- more than .02 cfs per acre nor more than 4.5 afa per acre for the
- lands above.

Remarks: The right holder shall fully use all surface water rights
appurtenant to the lands identified above prior to using water
under this right.

Dates: App. Received: 11/12/1991 Priority Date: 11/12/1991
Proof Due Date: 02/01/1994 Proof Made Date: 12/07/1993
Exam Made Date: 03/23/1994 Exam Sent to S.O.: 04/22/1994
Licensed Date:

Misc: Water District Number: 63 Field Exam Fee: R (Received)

Audit: 07/18/94 CZIMMERM 08/04/94 CZIMMERM

(WATER RIGHT NUMBERS THAT BEGIN WITH AN '*' ARE ADJUDICATION CLAIMS)

WR-NUMBER	SOURCE	NE								NW								SW								SE								SUM	
		NE		NW		SW		SE		NE		NW		SW		SE		NE		NW		SW		SE											
		Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac										
6311614	T03N R03W S 7	GROUNDWATER																																	
	:									02-34																								34	
6302388	BOISE RIVE																																		
A6302388	BOISE RIVE																																		
6303521	GROUNDWATE																																	13	
A6303521A	GROUNDWATE																																	4	
A6303521B	GROUNDWATE																																	3	
6303522	GROUNDWATE																																	12	
A6303522	GROUNDWATE																																	12	
6307390	GROUNDWATE	40																																40	
6308577	GROUNDWATE									19 33 02 40																								94	
6311814	GROUNDWATE																																	35	
M6311814	GROUNDWATE																																	35	
6311819	GROUNDWATE																	38 03-27 04-30																95	
M6311819	GROUNDWATE																	38 03-27 04-30																95	
A6321570	GROUNDWATE	40																																40	
	C27q-X 55	40 39 36 36								40								42								25 30								38 40 40 39	445
NO QTRS	MAPPING	Lot01-36		Lot02-36		Lot03-33		Lot04-33																											

RECEIVED

MAY 03 1994

A. GENERAL INFORMATION

GENERAL INFORMATION

1. Owner: V. D. Greenfield

Phone No. 459-7223

Permit No. 63-11617

Current Address: 3908 Airport, Caldwell, ID 83605

2. Accompanied by: Vernon Greenfield EXAM DATE: 3/23/94

Address: same Phone No. 54442

Relationship to Permit Holder: Applicant

3. Source: Groundwater tributary to _____

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 63-02388

2. Other water rights with the same point of diversion: NONE

C. DIVERSION AND DELIVERY SYSTEM

1. Point(s) of Diversion:

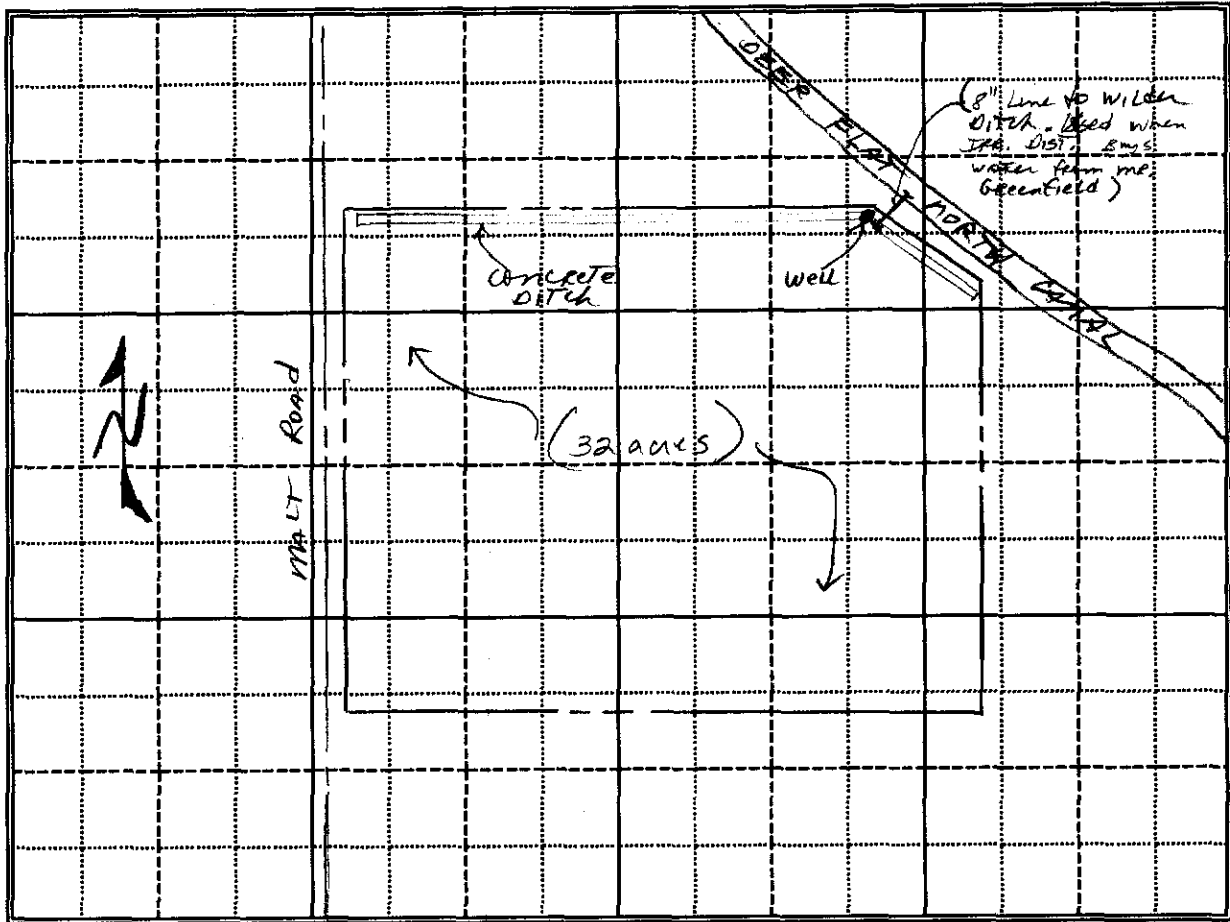
[illegible]

2. Place(s) of Use:

Indicate Method of Determination. Same as p/d

TWP	RGE	SEC	3N 3W 7											
NE			NE NW SW SE				NE NW SW SE				NE NW SW SE			
NW			NW NW SW SE				NW NW SW SE				NW NW SW SE			
SE			SE NW SW SE				SE NW SW SE				SE NW SW SE			
Totals			Totals				Totals				Totals			

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



Scale: 1" = NTS

☒ Copy of USGS Quadrangle Attached Showing location(s) of point(s) of diversion and place(s) of use (required).

☒ Aerial Photo Attached (required for irrigation of 10+ acres)

☒ Photo of Diversion and System Attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	model Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
	FRANKLIN	10	2822 029307	CROWN	6"

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

D. FLOW MEASUREMENTS

N/A - Supplemental System

1.

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

2. Measurements:

AUG 15 1994

E. NARRATIVE/REMARKS/COMMENTS

OVERLAPS - P/U Same QR, different places of use.

Well is used as supplemental irrigation to Wilder Irrigation District Water.

A 10 h.p. pump delivers water to concrete ditch through a 6" ~~pipe~~ pipe. A Tee allows water to be diverted through 8" pipe to Wilder Irrigation ditch (Deer Flat North Canal). As per Mr. Greenfield, he sells his water to the irrigation district from time to time. Irrigation is by gravity (siphon tubes). Permit indicates a requested allocation of 0.02 CFS/acre. Since 32 acres, not 34 acres as stated on permit, is irrigated by system, ~~this~~ the requested flow would be 0.64 CFS. Since the system capacity of 0.79 CFS is greater than the requested allocation, ~~at 0.64~~ and since only 32 acres is irrigated, recommend Licensing for 0.64 CFS for irrigation of 32 acres.

(No Adjudication claim filed)

$$\text{Theoretical: } Q = \frac{(8.8)(0.7)(10)}{32.37 + \frac{(2.31 \times 50)}{(2.31 \times 20)}} = \frac{61.6}{78.2} \approx \frac{79}{78.2} \text{ CFS}$$

Note: Dynamic Pumping Level of 32' ~~was~~ determined from proof of P/U. Seems feasible with static level of 27'.

System pressure assumed ^{20 PSI} ~~200~~ due to ^{elbow} ~~in~~ discharge into ~~concrete ditch~~ line. ~~Since line~~

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

AUG 15 1994

F. FLOW CALCULATIONS

Additional Computation Sheets Attached

Measured Method:

(See NARRATIVE FOR Theoretical System Capacity Calculation)

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 32 \times 4.5 = 144.0 \text{ AFA}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = 0.64 \times 240 \times 1.9835 = 312.3 \text{ AFA}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 144.0 \text{ AFA}$$

2. Volume Calculations for Other Uses: *None***H. RECOMMENDATIONS**

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
<i>IRRIGATION</i>	<i>3/15</i>	<i>11/15</i>	<i>0.64</i>	<i>144.0</i>
Totals:			<i>0.64</i>	<i>144.0</i>

2. Recommended Amendments

☐ Change P.D. as reflected above☐ Add P.D. as reflected above☒ None☐ Change P.U. as reflected above☐ Add P.U. as reflected above☐ Other**I. AUTHENTICATION**

Field Examiner's Name

Rick Collingwood

Date

4/8/94

Reviewer

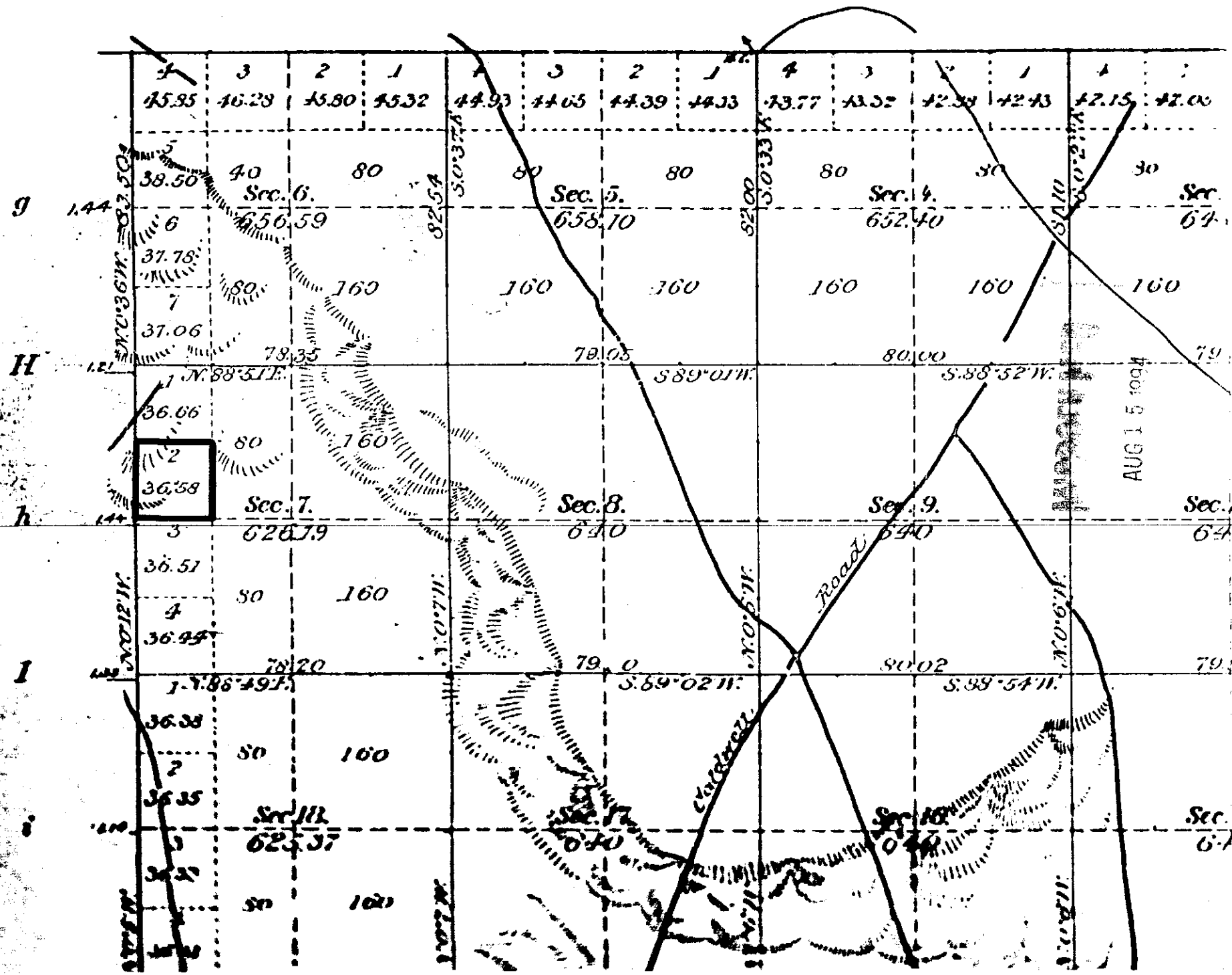
Date

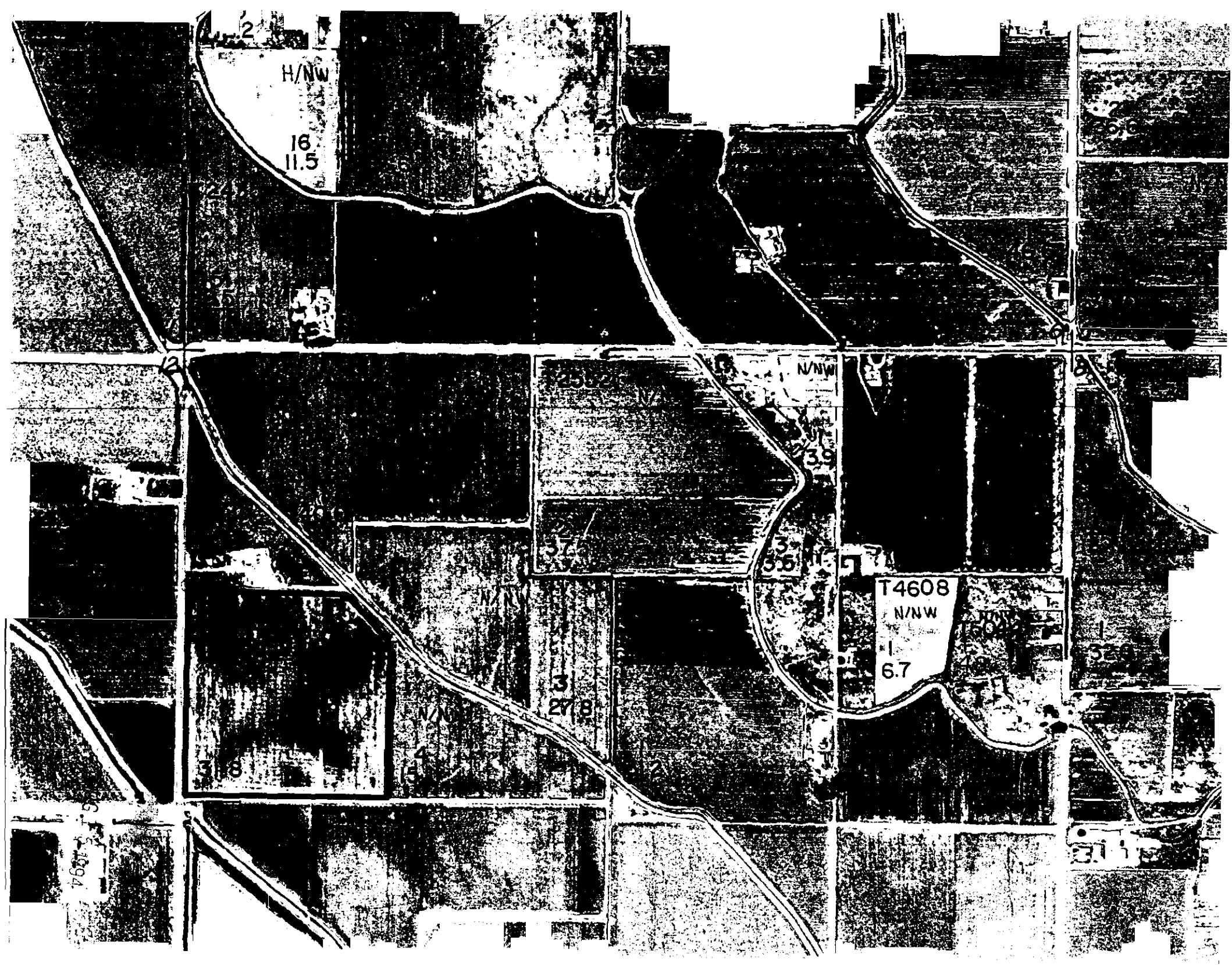
SEAL

AUG 1 1994



PERMIT 63-11614 INIT RC
T. R. S. Q/Q
P/D 3N 3W 7 SWNW LOT 2
SCALE _____
PHOTO ID. X-54 MARSING / X-55 LAKE
LOWELL





H/NW

16
11.5

N/NW

39

35

T4608

N/NW

6.7

329

3

27.8

318

311

311

IDAHO DEPARTMENT OF WATER RESOURCES

WELL INSPECTION FORM

DRILLING PERMIT NO: 63-92-W-106

OTHER APPLICABLE NO: _____

OWNER: Vernon Greenfield Phone: 459-7223Address: 3908 Airport, Caldwell, ID 83605WELL LOCATION: Twp 3N, Rge. 3W, Sec. 7, SW 1/4 NW 1/4 Lot 2
County Canyon (Provide sketch map and photo on reverse.)DRILLER: Adamsen Pump & Drilling Lic. No. 457When Drilled? 3/9/92

WELL CONSTRUCTION

Casing Diameter 12 inches Water tight cap? ☒ Yes ☐ No Access Port: ☒ Yes ☐ NoCasing $\geq$ 12 inches above ground? ☒ Yes ☐ No - Describe _____Depth of Casing 79 ft. Method Drilled Rotary + AirCondition of Well Casing: ☒ Good ☐ Fair ☐ Poor Describe _____Control Valve? ☒ Yes ☐ No Pressure Gauge: ☐ Yes ☒ NoCondition of Piping and Valving GoodAuger to a depth of 100 ft. Evidence of Annular Seal ☐ Yes ☐ NoAre there obvious construction problems that may be a source for contamination or waste of water?
☐ Yes ☒ No (Describe in Remarks and Attach Photo - On Reverse)

HYDROLOGIC INFORMATION

Depth to Static Water 27' ft. Water Temperature N/A °FFlowing Artesian ☐ Yes ☒ No Pressure: N/A (psi)Water Sample Taken? ☐ Yes ☒ No If yes, describe purpose _____

Water Quality Measurements/Observations (Describe) _____

WELL USE:

☐ Domestic	☒ Irrigation	☐ Stock
☐ Test	☐ Municipal	☐ Industrial
☐ Abandoned	☐ Waste Disposal/Injection	☐ Not Used
☐ Other: _____		

AUG 15 1994

Rick Collingwood, Water Rights Examiner
Signature of Dept. Representative & Title

3/23/94
Inspection Date

PHOTOS, DRAWINGS, OTHER ATTACHMENTS:

AUG 15 1994

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORTUSE TYPEWRITER OR
BALLPOINT PENState law requires that this report be filed with the Director, Department of Water Resources
within 30 days after the completion or abandonment of the well.

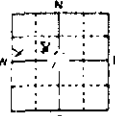
1. WELL OWNER Name <u>Vernon Greenfield</u> Address <u>2908 Airport Caldwell, ID 83605</u> Drilling Permit No. <u>53-92-W-106</u> Water Right Permit No. <u>63-11614</u>		7. WATER LEVEL Static water level <u>27'</u> feet below land surface. Flowing? ☐ Yes ☐ No G.P.M. flow _____ Artesian closed-in pressure _____ p.s.i. Controlled by: ☐ Valve ☐ Cap ☐ Plug Temperature _____ °F. Quality _____ Describe artesian or temperature zones below.																																																																													
2. NATURE OF WORK ☒ New well ☐ Deepened ☐ Replacement ☐ Well diameter increase ☐ Modification Abandoned (describe abandonment or modification procedures such as liners, screen, materials, plug depths, etc. in lithologic log, section 9.)		8. WELL TEST DATA ☐ Pump ☐ Baller ☐ Air ☐ Other _____ <table border="1"><thead><tr><th>Discharge G.P.M.</th><th>Pumping Level</th><th>Hours Pumped</th></tr></thead><tbody><tr><td>500</td><td></td><td>1 1/2 hr</td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr></tbody></table>		Discharge G.P.M.	Pumping Level	Hours Pumped	500		1 1/2 hr																																																																						
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3. PROPOSED USE ☐ Domestic ☒ Irrigation ☐ Monitor ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection Other _____ (specify type)		9. LITHOLOGIC LOG <table border="1"><thead><tr><th rowspan="2">Bore Diam.</th><th colspan="2">Depth</th><th rowspan="2">Material</th><th colspan="2">Water</th></tr><tr><th>From</th><th>To</th><th>Yes</th><th>No</th></tr></thead><tbody><tr><td>12"</td><td>1</td><td>4</td><td>TOP SOIL</td><td></td><td></td></tr><tr><td></td><td>4</td><td>15</td><td>HARD PAN & CLAY</td><td></td><td></td></tr><tr><td></td><td>15</td><td>19</td><td>SANDY CLAY</td><td></td><td></td></tr><tr><td></td><td>19</td><td>37</td><td>HARD CLAY</td><td></td><td></td></tr><tr><td></td><td>37</td><td>57</td><td>CLAY & ROCKS</td><td></td><td></td></tr><tr><td></td><td>57</td><td>62</td><td>SAND</td><td>X</td><td></td></tr><tr><td></td><td>62</td><td>63</td><td>CLAY</td><td></td><td></td></tr><tr><td></td><td>63</td><td>80</td><td>COURSE SAND, CLAY & PEA GRAVEL</td><td>X</td><td></td></tr><tr><td></td><td>80</td><td>85</td><td>FINE BEN SAND</td><td>X</td><td></td></tr><tr><td></td><td>85</td><td>100</td><td>COURSE SAND & SMALL GRAVEL</td><td>X</td><td></td></tr><tr><td></td><td></td><td></td><td>LOTS</td><td>X</td><td></td></tr></tbody></table>		Bore Diam.	Depth		Material	Water		From	To	Yes	No	12"	1	4	TOP SOIL				4	15	HARD PAN & CLAY				15	19	SANDY CLAY				19	37	HARD CLAY				37	57	CLAY & ROCKS				57	62	SAND	X			62	63	CLAY				63	80	COURSE SAND, CLAY & PEA GRAVEL	X			80	85	FINE BEN SAND	X			85	100	COURSE SAND & SMALL GRAVEL	X					LOTS	X	
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4. METHOD DRILLED ☒ Rotary ☒ Air ☐ Auger ☐ Reverse rotary ☐ Cable ☐ Mud ☐ Other _____ (backhoe, hydraulic, etc.)																																																																															
5. WELL CONSTRUCTION Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____ <table border="1"><thead><tr><th>Thickness</th><th>Diameter</th><th>From</th><th>To</th></tr></thead><tbody><tr><td>250 inches</td><td>12 inches</td><td>2 feet</td><td>79 feet</td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr></tbody></table> Was casing drive shoe used? ☒ Yes ☐ No Was a packer or seal used? ☒ Yes ☐ No Perforated? ☐ Yes ☒ No How perforated? ☐ Factory ☐ Knife ☐ Torch ☐ Gun Size of perforation? _____ inches by _____ inches Number _____ From _____ To _____ _____ perforations _____ feet _____ feet _____ perforations _____ feet _____ feet _____ perforations _____ feet _____ feet Well screen installed? ☒ Yes ☐ No Manufacturer <u>Roscoe</u> <u>Moss</u> Type <u>Shutter</u> Top Packer or Headpipe <u>65'</u> Bottom of Tailpipe <u>97'</u> Diameter <u>10"</u> Slot size <u>1/8"</u> Set from <u>77</u> feet to <u>97</u> feet Diameter _____ Slot size _____ Set from _____ feet to _____ feet Gravel packed? ☐ Yes ☒ No Size of gravel _____ Placed from _____ feet to _____ feet Surface seal depth <u>79</u> Material used in seal: ☐ Cement grout ☒ Bentonite ☒ Pudding clay ☐ _____ Sealing procedure used: ☒ Slurry pit ☒ Temp. surface casing ☐ Overbore to seal depth Method of joining casing: ☐ Threaded ☒ Welded ☐ Solvent Weld ☐ Cemented between strata Describe access port <u>Top of Well</u>		Thickness	Diameter	From	To	250 inches	12 inches	2 feet	79 feet																																																																						
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6. LOCATION OF WELL Sketch map location must agree with written location.  Subdivision Name _____ Lot No. _____ Block No. _____ County _____ _____ 1/4 Sec. _____ T. _____ S. _____ R. _____		11. DRILLER'S CERTIFICATION We certify that all minimum well construction standards were complied with at the time the rig was removed. Firm Name <u>ADAMSON</u> Firm No. <u>457</u> Address <u>Nampa</u> Date <u>3-12-92</u> Signed by Drilling Supervisor <u>Dave Adamson</u> and (Operator) <u>Dave Adamson</u> (If different than the Drilling Supervisor)																																																																													



PHOTO ONE-

View west of well and concrete ditch. Portion of irrigated acreage shown at left. The partially buried 8" line to Deep Flat North Canal is shown at Toe Section.



View southeast of well, concrete ditch, and the eastern portion of irrigated acres.

APR 15 1994

PHOTO TWO

December 14, 1993

V D GREENFIELD
3908 AIRPORT
CALDWELL ID 83605

PROOF ACKNOWLEDGEMENT LETTER

RE: PERMIT NO. 63-11614

Dear Permit Holder:

The department acknowledges receipt of the proof of beneficial use form submitted for the above referenced permit. The next step in the process of developing a water right is for the department to conduct a field examination to determine and confirm the use being made of the water.

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

Sincerely,

JULIE L. YARBROUGH
Senior Secretary

Enclosure

c: IDWR - Region

MICROFILMED

JAN 13 1994

November 30, 1993

V D GREENFIELD
3908 AIRPORT
CALDWELL ID 83605

PROOF DUE NOTICE

RE: PERMIT NO. 63-11614

Dear Permit Holder:

One of the conditions of approval of the above referenced water permit was that proof of the extent of your beneficial use must be submitted to this office on or before February 1, 1994. (See last page of your approved permit or your last approved extension request.) Enclosed is a form which when accompanied by the license examination fee or a complete field examination report prepared by a certified water right examiner may be used to submit the required proof.

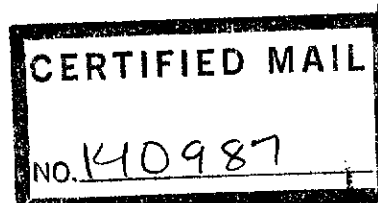
If you have not fully completed your project, and you or a previous owner of this permit have not received a prior extension of time, you may request an extension of time if the delay is for reasonable cause as provided in Section 42-204, Idaho Code. If you have been prevented from proceeding by a governmental agency or by litigation which might bring title to the water in question, more than one extension of time can be granted. An extension of time request form is enclosed for your convenience.

Either an acceptable proof of beneficial use submittal or an acceptable request for an extension of time must be received by this department on or before the above described proof due date. If neither is received, the department will send you a lapse notice. Within sixty (60) days of the mailing of the lapse notice, the permit will no longer be of any force nor effect.

SINCERELY,

JULIE L. YARBROUGH
Senior Secretary

Enclosures



JAN 13 1994



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

January 31, 1992

V D GREENFIELD
3908 AIRPORT
CALDWELL ID 83605

PERMIT APPROVAL NOTICE

RE: PERMIT NO. 63-11614

Dear Permit Holder:

Enclosed is a copy of your approved application for permit. We direct your attention to the conditions of approval on the final page.

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

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

You should be aware that you are located within a drainage basin where surface water diversions are regulated by a watermaster. It is possible that diversion of groundwater under your permit may cause a reduction of surface water flow. Siting your well as far as possible from surface water channels and casing your well so that groundwater tributary to surface water flows are not

NOTIFIED

FEB 11 1992

diverted will reduce the potential for the watermaster to regulate your water use.

Sincerely,

PAMELA SKAGGS
Technical Records Specialist

PS:blm

Enclosure

RECEIVED
FEB 11 1992

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Western Region
2735 AIRPORT WAY

Boise, Idaho 83705
(208) 334-2190

NOVEMBER 27, 1991

Press-Tribune
P.O. Box 9399
Nampa, ID 83652

Dear Legal Dept.:

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

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

Please send the affidavit of publication and publication billing to this office before DECEMBER 23, 1991.

Yours truly,

GAIL GARRETT
Secretary

Encl.

RECORDED

FEB 11 1992

63-11614

GREENFIELD, V D
3908 AIRPORT
CALDWELL, ID 83605

Source: GROUNDWATER

Diversion Pt: LOT 2 (SWNW) Sec 7 T 03N R 03W in CANYON County.

Use: IRRIGATION (.680 CFS)
Total Diversion: (.680 CFS)

Date Filed: 11/12/1991

In: CANYON County
T03N R03W S07 Lot 2 (SWNW)

34.0 ACRES TOTAL

RECORDED
FEB 11 1992