

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR TRANSFER OF WATER RIGHT
PART 3

- A. Draw a map or attach a USGS map indicating the new point(s) of diversion and/or the new place of use for rights described in part 1. Clearly depict the land by section, township and range number.

T. 10S

R. 18E

34

MICROFILMED

NOV 07 1995

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MAY 08 1998

SCALE: 2 inches equal 1 mile. Draw plan in ink.

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

TRANSFER OF WATER RIGHT

TRANSFER NO. 4658
WATER RIGHT NO(S). 45-02337B/45-02517B

This is to certify that: LARRY B HEIDEMANN
3577 E 4000 N
KIMBERLY ID 83341

has requested a change to the above captioned water right(s). This change in water right(s) is authorized pursuant to the provisions of Section 42-222, Idaho Code, provided the conditions listed below are met.

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
Right No. 45-02337B :			
STOCKWATER	01/01 to 12/31	0.25 CFS	82.5 AF
COMMERCIAL	01/01 to 12/31	0.25 CFS	23.4 AF
	SUBTOTAL:	0.25 CFS	105.9 AF
Right No. 45-02517B :			
STOCKWATER	01/01 to 12/31	0.09 CFS	4.7 AF
COMMERCIAL	01/01 to 12/31	0.09 CFS	1.4 AF
	SUBTOTAL:	0.09 CFS	6.1 AF
	TOTAL:	* 0.34 CFS	* 112.0 AF

DATE OF PRIORITY:

Right No. 45-02337B : 07/07/1950

Right No. 45-02517B : 03/02/1956

SOURCE

GROUNDWATER

LOCATION OF POINT(S) OF DIVERSION:

NENE , Sec. 34, Township 10S, Range 18E
TWIN FALLS County

PLACE OF USE: STOCKWATER

TWN RGE SEC

10S 18E 34

NENE

NWNE

PLACE OF USE: COMMERCIAL

TWN RGE SEC

10S 18E 34

NENE

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NO. 1058
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MAY 8 1958

TRANSFER NO. 4658
WATER RIGHT NO(S). 45-02337B/45-02517B

CONDITIONS OF APPROVAL AND REMARKS

1. Right holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code.
2. After specific notification by the department, the right holder shall annually report the amount of water diverted to the department.
3. The Director maintains jurisdiction of this transfer up to five (5) years for the purpose of determining potential injury to existing rights, both junior and senior, in the vicinity of the transferred point of diversion.
4. The change authorized by this transfer shall be accomplished within one (1) year of the date of this approval.
5. Failure to comply with the conditions of this transfer is cause for the director to issue an order to show cause why the approval of the transfer should not be rescinded.
6. Approval of this transfer does not preclude the opportunity for review of the validity of the water right(s) in the ongoing Snake River Basin Adjudication.
7. Prior to diversion of water under this approval, the right holder shall provide a means of measurement acceptable to the Department from all authorized points of diversion which will allow determination of the total rate of diversion.
- *8. The total instantaneous diversion of water from all points of diversion under Transfer No. 4658 shall not exceed 0.34 cfs, nor total combined annual volume of 112.0 af.
9. The proposed dairy operation under this approval shall comply with applicable zoning and use ordinances of Twin Falls County. Use of water under this approval shall comply with applicable water quality standards of the Division of Environmental Quality of the Idaho Department of Health and Welfare.
10. The acres which are no longer authorized for irrigation under Right Nos. 45-02337A and 45-02517A are specifically described as follows: 28.0 acres in the SWSE, S33, T11S, R20E.
11. Stockwater use under Right Nos. 45-02337B and 45-02517B is for a combined total of 3,870 head of stock consisting of 1,600 milking cows, 270 dry cows and 2,000 head of replacement calves and heifers.
12. Commercial use is for a dairy.
13. Three points of diversion are located within NENE, S34, T10S, R18E.

Dated this 3rd day of

November, 1995.

J. Shw Saylor
Chief, Water Alloc. Bureau

1005
11-1-95
11-1-95

Page 1 of 8

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

Transfer No. 4658

RECEIVED

APPLICATION FOR TRANSFER OF WATER RIGHT

OCT 05 1995

PART 1

Department of Water Resources

Name of applicant Larry B. Heidemann Phone 423-4269

Post Office address 3577 E. 4000 N., Kimberly, ID 83341

A. PURPOSE OF TRANSFER

1. ☒ Change point of diversion ☒ Add diversion point(s) ☒ Change place of use
☒ Change nature of use ☒ Change period of use ☒ Other Change nature of use split right

2. Describe the reason for the proposed changes Convert water from irrigation to dairy use to cover expansion of existing dairy. Permit 47-08236 covers 1200 milkers & 300 dry adults plus commercial use. Another 1600 milkers, 270 dry adults, & 2000 young cows will be added.

B. DESCRIPTION OF RIGHT(S) OR PORTION THEREOF, AFTER THE REQUESTED CHANGE

1. Right Number	Priority	Amount (cfs/ac-ft)	AFA	Nature of Use	Period of Use
<u>45-02337B</u>	<u>7-7-1950</u>	<u>0.25 cfs/76.8</u>	<u>Stockwater</u>	<u>1-1</u>	<u>to 12-31</u>
		<u>0.25 cfs/277</u>	<u>Commercial</u>	<u>"</u>	<u>to "</u>
<u>45-02517B</u>	<u>3-2-1956</u>	<u>0.09 cfs/4.0 AFA</u>	<u>Stockwater</u>	<u>"</u>	<u>to "</u>
		<u>0.09 cfs/1.5 AFA</u>	<u>Commercial</u>	<u>"</u>	<u>to "</u>

2. Total amount of water being transferred 0.34 cubic feet per second and/or 112 acre-feet per annum.

3. Source of water Groundwater tributary to _____

4. Point(s) of Diversion:

Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Local name for diversion
		<u>NE</u>	<u>NE</u>	<u>34</u>	<u>10S</u>	<u>18E</u>	<u>Twin Falls</u>	<u>3 wells</u>

5. Lands irrigated or place of use:

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	
<u>10S</u>	<u>18E</u>	<u>34</u>	<u>C.S</u>	<u>S</u>															

Total acres _____

PART 1

6. General Information:

a. Description of diversion system Three connected wells & pumps, pipelines

b. Are the lands from which you propose to transfer the water right subject to any liens, deeds of trust, mortgages, or contracts? ✓ Yes _____ No. If yes, provide a notarized statement from the holder of the lien, deed of trust, mortgage or contract agreeing to the proposed changes.

c. Describe the affect on the land now irrigated if the place of use is changed pursuant to this transfer:

d. Remarks:

The same water right has been transferred to the same land as the transfer of the connected lands

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

This is to certify that I have examined Application for Transfer of Water Rights No. _____

And said application is hereby _____, subject to the following limitations and conditions:

Witness my hand this _____ day of _____, 19 _____.

RECORDED
MAY 07 1938
MAY 08 1938

PART 2**A. DESCRIPTION OF RIGHT AS RECORDED:**

Water Right No. 45-02337

STAGE: LICENSE

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>
IRRIGATION	to	2.15 CFS
DOMESTIC	to	
	Totals	2.15 CFS

SOURCE

GROUNDWATER

Priority: 07/07/1950

LOCATION OF POINT(S) OF DIVERSION:SWSW , Sec. 33, Township 11S, Range 20E
TWIN FALLS CountyPLACE OF USE: IRRIGATION

<u>TWN</u>	<u>RGE</u>	<u>SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
11S	20E	33	NESW 40	NWSW 40	SWSW 40	
			SESW 40	NWSE 40	SWSE 40	240
				Total number of acres irrigated:		240

PLACE OF USE: DOMESTIC, same as IRRIGATION useCONDITIONS/REMARKS:

RECORDED
MAY 11 1958

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR TRANSFER OF WATER RIGHT

PART 2

(Attach one copy for each right)

A. DESCRIPTION OF RIGHT AS RECORDED

1. Right evidenced by:

- a. Decree No. _____ Decreed to _____
in case of _____ vs. _____
dated _____ in _____ county of _____
- b. License No. 45-02337 issued by the Idaho Department of Water Resources.
- c. Claim No. _____ on file with the Idaho Department of Water Resources.
- d. Transfer No. _____ which produced this right.

2. Attach a copy of last year's tax notice for the property to which the water right is appurtenant or other documents which show ownership. Label document as attachment A. Check appropriate box below:

☐ Tax Notice ☐ Warranty Deed ☐ Other _____

3. Source of water Groundwater tributary to _____

4. Date or priority 7-7-1950

5. Water is used for the following purpose:

amount 2.15 cfs for Irrig. purposes from _____ to _____
(cfs/ac-ft)
amount _____ for _____ purposes from _____ to _____
(cfs/ac-ft)
amount _____ for _____ purposes from _____ to _____
(cfs/ac-ft)

6. Total amount of water under right 2.15 cubic feet per second and/or 912.6 acre-feet per annum.

7. Point(s) of Diversion:

Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Local name for diversion
		SW	SW	33	11S	20E	Twin Falls	

8. Lands irrigated or place of use:

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	
11S	20E	33									40	40	40	40		40	40		240

NOV 07 1995

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MAY 08 1998

Total acres 240

9. Describe any other water rights used for the same purpose as described above

45-02517

10. To your knowledge, has any portion of this water right undergone a period of five or more consecutive years of non-use?
No If yes, describe _____

B. DESCRIPTION OF PORTION OF RIGHT BEING TRANSFERRED

(If the entire right is to be changed by the applicant, omit part B and C.)

1. amount 0.25 cfs for Irrigation purposes from 4-1 to 10-31
 (cfs/ac-ft) 106.5 AFA for _____ purposes from _____ to _____
 amount _____ for _____ purposes from _____ to _____
 (cfs/ac-ft) _____ for _____ purposes from _____ to _____
 amount _____ for _____ purposes from _____ to _____
 (cfs/ac-ft) _____

2. Point(s) of Diversion: Same as 2. A.7.

Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Local name for diversion

3. Lands irrigated or place of use:

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	
<u>11S</u>	<u>20E</u>	<u>33</u>									<u>28</u>						<u>28</u>		<u>28</u>

Total acres 28**C. DESCRIPTION OF UNCHANGED PORTION OF RIGHT (omit if there is no change)**

1. amount 1.90 cfs for Irrig. purposes from 4-1 to 10-31
 (cfs/ac-ft) 806.1 AFA for _____ purposes from _____ to _____
 amount _____ for _____ purposes from _____ to _____
 (cfs/ac-ft) _____ for _____ purposes from _____ to _____
 amount _____ for _____ purposes from _____ to _____
 (cfs/ac-ft) _____

2. Point(s) of Diversion: Same as 2. A.7.

Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Local name for diversion

3. Lands irrigated or place of use:

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	
<u>11S</u>	<u>20E</u>	<u>33</u>									<u>40</u>	<u>40</u>	<u>40</u>	<u>40</u>		<u>40</u>	<u>12</u>		<u>172</u>

Total acres 212MICROFILMED
MAY 08 1998

NOV 07 1995

PART 2**A. DESCRIPTION OF RIGHT AS RECORDED:**

Water Right No. 45-02517

STAGE: LICENSE

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>
IRRIGATION	to	0.74 CFS

SOURCE

GROUNDWATER

Priority: 03/02/1956

LOCATION OF POINT(S) OF DIVERSION:SESE , Sec. 33, Township 11S, Range 20E
TWIN FALLS CountyPLACE OF USE: IRRIGATION

<u>TWN</u>	<u>RGE</u>	<u>SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
11S	20E	33	NESW 40	NWSW 40	SWSW 40	
			SESW 40	NWSE 40	SWSE 40	240
				Total number of acres irrigated:		240

CONDITIONS/REMARKS:NOV 07 1995 MICROFILMED
MAY 08 1998

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR TRANSFER OF WATER RIGHT

PART 2

(Attach one copy for each right)

A. DESCRIPTION OF RIGHT AS RECORDED

1. Right evidenced by:

- a. Decree No. _____ Decreed to _____
in case of _____ vs. _____
dated _____ in _____ county of _____
- b. License No. 45-02517 issued by the Idaho Department of Water Resources.
- c. Claim No. _____ on file with the Idaho Department of Water Resources.
- d. Transfer No. _____ which produced this right.

2. Attach a copy of last year's tax notice for the property to which the water right is appurtenant or other documents which show ownership. Label document as attachment A. Check appropriate box below:

☐ Tax Notice

☐ Warranty Deed

☐ Other _____

3. Source of water Groundwater tributary to _____

4. Date or priority 3-2-1956

5. Water is used for the following purpose:

amount 0.74 cfs for Irrig. purposes from _____ to _____
(cfs/ac-ft)
amount _____ for _____ purposes from _____ to _____
(cfs/ac-ft)
amount _____ for _____ purposes from _____ to _____
(cfs/ac-ft)

6. Total amount of water under right 0.74 cubic feet per second and/or 47.4 acre-feet per annum.

7. Point(s) of Diversion:

Lot	¼	¼	¼	Sec.	Twp.	Rge.	County	Local name for diversion
		SE	SE	33	11S	20E	Twin Falls	

8. Lands irrigated or place of use:

Twp.	Rge.	Sec.	NE ¼				NW ¼				SW ¼				SE ¼				Totals
			NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	
11S	20E	33									40	40	40	40		40	40		240

Total acres 240

9. Describe any other water rights used for the same purpose as described above 45-02337

10. To your knowledge, has any portion of this water right undergone a period of five or more consecutive years of non-use?
No If yes, describe _____

B. DESCRIPTION OF PORTION OF RIGHT BEING TRANSFERRED

(If the entire right is to be changed by the applicant, omit part B and C.)

1. amount 0.09 cfs for Irrig. purposes from 4-1 to 10-31
 (cfs/ac-ft) 5.5 AFA for _____ purposes from _____ to _____
 amount _____ for _____ purposes from _____ to _____
 (cfs/ac-ft) _____ for _____ purposes from _____ to _____
 amount _____ for _____ purposes from _____ to _____
 (cfs/ac-ft) _____
2. Point(s) of Diversion: Same as 2.A.7.

Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Local name for diversion

3. Lands irrigated or place of use:

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	
<u>11S</u>	<u>20E</u>	<u>33</u>									<u>28</u>						<u>28</u>		<u>28</u>

Total acres 28**C. DESCRIPTION OF UNCHANGED PORTION OF RIGHT (omit if there is no change)**

1. amount 0.65 cfs for Irrig. purposes from 4-1 to 10-31
 (cfs/ac-ft) 41.9 AFA for _____ purposes from _____ to _____
 amount _____ for _____ purposes from _____ to _____
 (cfs/ac-ft) _____ for _____ purposes from _____ to _____
 amount _____ for _____ purposes from _____ to _____
 (cfs/ac-ft) _____
2. Point(s) of Diversion: Same as 2.A.7.

Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Local name for diversion

3. Lands irrigated or place of use:

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	
<u>11S</u>	<u>20E</u>	<u>33</u>									<u>40</u>	<u>40</u>	<u>40</u>	<u>40</u>		<u>40</u>	<u>12</u>		<u>212</u>

Total acres 212NOV 07 1995
MAY 08 1998

AGREEMENT OF SALE

I, Darrell Funk, do hereby state that I am the owner of Water Rights 45-02337 and 45-02517. For Value received, I do hereby sell and convey unto Larry B. Heideman the following portions of these rights:

45-02337 0.25 cfs and 106.5 AFA from 28 acres in SW/SE Sec. 33

45-02517 0.09 cfs and 5.5 AFA from 2~~8~~ acres in SW/SE Sec. 33

Completion of this sale is contingent upon approval of water transfer to be filed by Mr. Heideman by Idaho Dept. of Water Resources.

Darrell Funk
Darrell Funk

5-10-95
Date

Larry B. Heideman 5-10-95
Larry B. Heideman Date

RECEIVED

MAY 10 1995

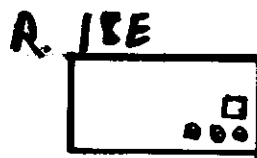
Department of Water Resources
Southern Region

MICROFILMED
MAY 08 1998

NOV 07 1995

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR TRANSFER OF WATER RIGHT
PART 3

- A. Draw a map or attach a USGS map indicating the new point(s) of diversion and/or the new place of use for rights described in part 1. Clearly depict the land by section, township and range number.



T. 10S

39

RECORDED

NOV 07 1995

MICRO FILMED

MAY 08 1998

PART 3**B. CHANGES IN NATURE OF USE**

1	New Nature of Use	Amount (cfs/ac-ft)	Hours/days/year	Period of Use
				to
				to

2. Quantity and quality of return flows and location of discharge:

3. Describe effects on other water uses resulting from the proposed change:

I hereby assert that no one will be injured by such change and that the change does not constitute an enlargement in use of the original right. The information contained in this application is true to the best of my knowledge.

I understand that any willful misrepresentations made in this application may result in voiding its approval.

Larry B. Heidemann
(Signature of Applicant)

Subscribed and sworn to before me this 10th day of May, 19 95.

JF Stanton
(Notary Public)

My commission expires 10-25-2000

FOR DEPARTMENT USE ONLY

Transfer contains 8 pages and 1 attachments

Received by JF Stanton Date 5-12-95 Protest filed by None

Prelim. check by MTS Fee \$100. 5018092

Receipted by JS Date 5-12-95

Published in Times News Copies of protest forwarded by _____

Pub. dates 7/20 + 7/27/95 Hearing held by _____ Date _____

Watermaster recommendation requested on N/A Recommended for ☒ approval ☐ denial

_____ rec'd. by ADM **RECEIVED**

Copy of transfer sent to lien holder _____

RECEIVED
MAY 12 1995

RECEIVED
MAY 08 1995

Department of Water Resources
Southern Region

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

Office Use Only

Inspected by _____
Twp _____ Rge _____ Sec _____
_____ 1/4 _____ 1/4 _____ 1/4
Lat: : : Long: : :

1. WELL TAG NO. D 0002498
 DRILLING PERMIT NO. 47-98-5-0056-100
 Other IDWR No. WR 47-02666

2. OWNER:
Name GARRY B. Heidemann
Address 3572 E. 4000 N
City Kimberly State Id Zip 83341

3. LOCATION OF WELL by legal description:

Sketch map location must agree with written location.

Twp. 10 North ☐ or South ☒
Rge. 18 East ☒ or West ☐
Sec. 34 1/4 NE 1/4 NE 1/4
Gov't Lot _____
County ^{10 acres} Town ^{40 acres} Fall ^{160 acres} NE
Lat: _____ Long: _____
Address of Well Site 3577 E 4000th
City Kimberly

(Give at least name of road + Distance to Road or Landmark)

Lt. _____ Blk. _____ Sub. _____ Name _____

4. USE:

☐ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☒ Other *Pestic*

5. TYPE OF WORK check all that apply (Replacement etc.)

☐ New Well ☐ Modify ☐ Abandonment ☒ Other Change

6. DRILL METHOD

☒ Air Rotary ☐ Cable ☐ Mud Rotary ☐ Other

7. SEALING PROCEDURES

SEAL/FILTER PACK			AMOUNT	METHOD
Material	From	To	Sacks or Pounds	

Was drive shoe used? ☐ Y ☐ N Shoe Depth(s) _____
Was drive shoe seal tested? ☐ Y ☐ N How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

Length of Headpipe _____ Length of Tailpipe _____

9. PERFORATIONS/SCREENS

Perforations

Method

Screens

Screen Type

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
						☐	☐
						☐	☐
						☐	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

234 ft. below ground Artesian pressure _____ lb.
Depth flow encountered _____ ft. Describe access port or
control devices:

11. WELL TESTS:

☐ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time

Water Temp. 85.0 Bottom hole temp. 85.2
Water Quality test or comments: None

Depth first Water Encounter 255

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

[illegible]

13. DRILLER'S CERTIFICATION

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

Company Name Estee Marketing Firm No. 36

Firm Official Tony Melvin Date 5-15-98

and
Driller or Operator Marvin Lat Date 5/13/98

sign once if Firm Official & Operator



State of Idaho

DEPARTMENT OF WATER RESOURCES

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

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

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

NOVEMBER 3, 1995

LARRY HEIDEMANN
3577 E 4000 N
KIMBERLY ID 83341

RE: Transfer of Water Right Nos. 45-02337B AND 45-02517B

Dear Water Right Holder(s):

Enclosed is a copy of your approved Transfer of Water Right for the above referenced water rights (Transfer No. 4658). Please be sure to thoroughly review the "Conditions/Remarks:" as listed on the transfer.

Sincerely,

JIM JOHNSON, Manager
Water Right Permits Section

JJ:rl

Enclosure

NOV 07 1995

MICROFILMED

MAY 08 1998

MEMORANDUM

TO: FILE NO. 45-02337 & 45-02517

FROM: PAM SKAGGS/STATE OFFICE

SUBJECT: TRANSFER NO. ~~4658~~ 4657

DATE: October 24, 1995

=====

Transfer No. 4658 was filed to change the nature of use under a portion of these irrigation rights into stockwater and commercial use for a dairy, splitting these rights into parts A and B. Part B represents the dairy while the remaining portion of these rights under Part A is being changed simultaneously under companion Transfer No. 4657.

These two overlapping irrigation rights provided a combined rate of diversion of 0.34 cfs, total combined diversion volume of 112.0 afa for irrigation of 28.0 acres. These acres will be dried up and removed from the remaining portion of these rights that is being transferred under Transfer No. 4657. Evaluation of the change in nature of use reflects no expansion occurs under this transfer and net consumptive use of water is reduced.

	Rate	Div.Vol.	C.U.Vol.	Acres
T4657 45-02337	2.15 cfs	(908.3 afa)	(720.0 afa)	240.0
Part A	1.90 "	(802.4 ")	(636.0 ")	212.0
Part B	0.25 "	105.9 "	9.3 "	(28.0)
	<u>2.15 cfs</u>	<u>(908.3 afa)</u>	<u>(645.3 afa)</u>	<u>240.0</u>

	Rate	Div.Vol.	C.U.Vol.	Acres
T4657 45-02517	0.74 cfs	(51.7 afa)	(-----afa)	240.0
Part A	0.65 "	(45.6 ")	(----- ")	212.0
Part B	0.09 "	6.1 "	----- "	(28.0)
	<u>0.74 cfs</u>	<u>(51.7 afa)</u>	<u>(-----afa)</u>	<u>240.0</u>

Transfer No. 4658				
45-02337B	0.25 cfs	105.9 afa	9.3 afa	(28.0)
45-02517B	0.09 "	6.1 "	----- "	(28.0)
	<u>0.34 cfs</u>	<u>112.0 afa</u>	<u>9.3 afa</u>	<u>-----</u>

The maximum rate of diversion for each use was allowed per the application to allow maximum flexibility under these rights to meet the needs of the dairy. Diversion volume was assigned under each use according to the historical overlapping use of these rights.

Recommended conditions include drilling permit requirements, future annual reporting, potential impact of basin change, multiple points of diversion/measuring devices, county requirements, water quality, stockwater/commercial limits and standard transfer conditions.

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FROM: Allen Merritt *AM*

DATE: September 29, 1995

TO: File: Transfers #4657 and #4658

SUBJECT: Review and Recommendation

TRANSFER # 4658

Transfer #4658 proposes to change the "Nature of Use" of portions of two overlapping water rights (45-02337 & 45-02517) presently used for irrigation to that for stockwater and commercial use at a dairy. The transfer involves drying up of 28 acres covered by these rights and using the irrigation water from these acres for use at an existing dairy. The existing dairy was developed under permit 47-08236. This transfer allows the addition of more cows to the dairy herd. This transfer also may involve drilling of an additional well not already covered by permit 47-08236. In combination three wells will ultimately serve the dairy at the proposed capacity. Note that permit 47-08236 was approved for 1200 milk cows and 300 dry or range cattle. When proof of beneficial use was submitted it was for 2000 cows. As of this date no field exam has been completed for this permit. If this transfer is approved, in combination with permit 47-08236 there would be a total allowable herd size of 2800 milking cows, 570 dry adult cows, and 2000 smaller replacement calves or yearlings ranging in size up to adult. This transfer in changing the nature of use also moves the use some 12 miles to the northwest within the same aquifer system on the south side of the Snake River which is influenced by the Twin Falls Canal company system and the Creeks flowing north from the South Hills into the Snake River. The transfer was drafted based on proportioning the rights based on the cfs rate. Review by Mel Schulte recommends that the rights be split by afa for each license. I do not know if there is specific direction from administration as to which is correct or policy but Mel's point is reasonable and in this case I have decided to recommend as Mel proposes. This will affect both transfers in that the cfs rate will be slightly different than that listed on the application.

RECOMMENDATION FOR TRANSFER #4658

It is recommended that this transfer be approved with the following conditions:

-Development of one new well is authorized under this transfer. The two existing wells and the new well may be used to divert the rights recommended by this transfer.

-Any new well drilled must comply with the drilling permit requirements of 42-235.

-Approval of this transfer allows for the additional stockwater needs of 1600 milking cows, 270 dry or adult range cattle, and 2000 young replacement cattle or calves

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to an existing dairy covered under 47-08236. Additionally it allows for the commercial dairy barn use associated with this increase.

-The rights as approved by this transfer are limited to:

45-02337B*	Stockwater	0.23 cfs	76.8 afa	***
	Commercial	0.08 cfs	29.7 afa	

0.31 cfs	106.5 afa
----------	-----------

45-02517B*	Stockwater	0.02 cfs	4.0 afa	***
	Commercial	0.01 cfs	1.5 afa	

0.03 cfs	5.5 afa
----------	---------

***This split is based on review of afa licensed by these two rights and differs slightly from the application

*The rights are changing basins so ultimately will have Basin 47 numbers associated with them.

-Measuring devices with totalizing meters shall be installed and maintained on all wells. The use of the water shall be annually reported.

-The dairy shall comply with all federal, state, county & local permits and requirement associated with operation of the dairy.

=====

TRANSFER #4657

This transfer proposes to take the remaining portions of licenses 45-02337 and 45-02517 after the above transfer splits off part for a dairy and place it in a 321 acre PPU. Also this transfer involves two other licenses: 45-02211A and 45-02403 which will also be placed in the same 321 acre PPU. This transfer does not appear to involve drilling of any new wells but does involve connecting three existing wells into a common mainline network.

RECOMMENDATION FOR TRANSFER #4657

It is recommended that this transfer be approved with the following conditions:

-Measuring devices with totalizing meters shall be installed and maintained on all wells. The use of the water shall be annually reported.

-The rights as approved by this transfer are limited to:

45-02337A	Irrigation	1.84 cfs	806.1 afa	***
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45-02517A	Irrigation	0.71 cfs	41.9 afa	***
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***This split is based on review of afa licensed by these two rights and differs slightly from the application

45-02211A Irrigation 1.20 cfs 436.0 afa

45-02403 Irrigation 0.96 cfs

4.71 cfs 1284.0 afa

45-02337A & 45-02517A are limited to use on 212 acres within the 321 acre PPU in any one year and likewise 45-02211A and 45-02403 are limited to use on 109 acres within the 321 acre PPU in any one year.

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State of Idaho

DEPARTMENT OF WATER RESOURCES

Southern Region, 222 Shoshone St. East, Twin Falls, Idaho 83301-6105 (208) 736-3033
Fax (208) 736-3037

July 11, 1995

PHILIP E. BATT
Governor

KARL J. DREHER
Director

LARRY B HEIDEMANN
3577 E 4000 N
KIMBERLY ID 83341

Re: Application for Transfer No. 4658 (45-02337B, 45-02517B)

Dear Mr. Heidemann:

The Department of Water Resources acknowledges receipt of your Application for Transfer.

This office has scheduled advertising the application in the Times News for 7/20 and 7/27/95. The advertisement will be published for two 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.

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.

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

Very truly yours,

Allen D. Merritt, P.E.
Regional Manager

AM:MB

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DATE _____

***** Mrs. Helen H. Edwards *****

REQUIRED DAIRY DATA

Type of Lagoon

if aerobic; determine surface area in acres

_____ft by _____ft by _____ft deep --

if anaerobic; enter zero ----- ①

Evapotranspiration Factor for Area (AC-FT/AC-YR) 0

Method of Washing

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if manual cow washing; ----- enter 1)
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if automatic washing; ----- enter (2)

if sprinkler system to wash cows

and flush holding pen ----- enter 3 =

Number of Milkings per Day ----- 3

Comments _____

INFORMATION REQUIRED FOR THEORETICAL FLOW ESTIMATION
(IF NECESSARY)

	Pump 1	Pump 2	Pump 3
Pump Horsepower (HP)	<u>7.5</u>	<u>7.5</u>	<u>10</u>
Lift (FT)	<u>270</u>	<u>270</u>	<u>270</u>
Discharge Pressure (PSI)	<u>50</u>	<u>50</u>	<u>50</u>
Friction Losses (FT)			

Comments _____

Volumes and
Diversion rates based on Afa proportion

45-02337 - Stockwater = .23 cfs - 76.8 afa
Commercial = .08 cfs - 29.7 "

45-02517 - Stockwater = .01 - 4.0 afa
Commercial = .01 - 1.5 "

 .33 11.2 afa

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$$1600 \times 35 = 62.7 \text{ cfs}$$

$$270 \times 12 = 3.6$$

$$500 \times 10.8 = 6.0$$

$$500 \times 7.9 = 4.4$$

$$500 \times 4.6 = 2.6$$

$$500 \times 2.5 = 1.4$$

$$80.7 \text{ cfs} = \text{Stockwater}$$

D.R.

$$45-02337 = 2.15 \text{ cfs} / 240 = .00896$$

$$-02517 = .74 \text{ cfs} / 240 = .00308$$

$$\text{Stockwater} \quad 2.89 \text{ cfs} / 240 = .01204$$

$$.00896 \times 28 = .25 \text{ cfs}$$

$$.00308 \times 28 = .09 \text{ cfs}$$

$$.34 \text{ cfs} = \text{Stockwater}$$

D.R.

$$80.8 \div 4 = 20.2 \text{ ac} \times .012 = .242 \text{ cfs} = S$$

$$31.2 \div 4 = 7.8 \text{ ac} \times .012 = .094 = C$$

$$112.0 \text{ cfs} \div 4 = 28 = .336$$

Alfa Proportion

$$45-02337 = 9126 / 960 = 95\%$$

$$-02517 = 47.4 / 960 = 5\%$$

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MEMORANDUM TO FILE

TO: HEIDEMAN TRANSFER APPLICATION
45-02337B & 45-02517B

FROM: MEL SCHULTE

DATE: JUNE 19, 1995

THE DIVERSION RATES REQUESTED IN PART 1, B.1 GIVES THE SAME DIVERSION RATE FOR THE COMMERCIAL USE AS IS REQUESTED FOR THE STOCKWATER USE. THIS IS THE OLD METHOD OF RECOMMENDING COMMERCIAL DAIRY USE RATES BUT IS NOT REALISTIC. THE TOTAL DIVERSION RATE FOR BOTH USES OF .34 CFS SHOULD BE ALLOCATED ON A PRORATA DISTRIBUTION BASED ON THE ANNUAL VOLUMES FOR EACH USE. THE FOLLOWING ALLOCATION BETWEEN USES AND RIGHTS IS MORE PRACTICAL.

ANNUAL VOLUME PRORATION BETWEEN RIGHTS

45-02337 = $912.6/960 = 95\%$

45-02517 = $47.4/960 = 5\%$

DIVERSION RATES BASED ON AFA REQUIREMENTS

STOCKWATER: $80.8 \text{ AFA}/4 = 20.2 \text{ AC.} \times .012 = .242 \text{ CFS}$

COMMERCIAL: $31.2 \text{ AFA}/4 = 7.8 \text{ AC.} \times .012 = .094 \text{ CFS}$

VOLUMES AND DIVERSION RATES BASED ON AFA PRORATION

45-02337B:	STOCKWATER = .23 CFS	76.8 AFA
	COMMERCIAL = .08 CFS	29.7 AFA

45-02517B:	STOCKWATER = .02 CFS	4.0 AFA
	COMMERCIAL = .01 CFS	1.5 AFA
	TOTALS = .34 CFS	112.0 AFA

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