

T8S
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VIA U.S. 9319 MI.

40'

127

RTE.

Tqs. 11

Q161



10. DITCH

Sonnicks
VABM Δ 3741
Butte

IRIGATION

3M 3533

14

15

18

1945年12月15日

JUL 27 1960

AFFIDAVIT of PUBLICATION

RECEIVED

State of Idaho, }
County of Jerome } SS.

MAY 10 1990

Department of Water Resources
Southern Region Office

Patty Nance, being first duly sworn, deposes and says that he is the printer (publisher) of the Jerome North Side News, a newspaper published every week in Jerome, County of Jerome, State of Idaho; that said newspaper has been continuously and uninterruptedly published for a period of seventy-eight consecutive weeks prior to the first publication of the annexed notice, and is a newspaper qualified to publish legal notices as provided by act of the 1919 session of the legislature of the State of Idaho, known as House Bill 145; that the annexed advertisement was published once

each week for 2X consecutive issues in said newspaper proper and not in a supplement; that the date of the first publication

of said advertisement was on the 2nd day of May, 1990, and the date of the last publication was on the 19th

day of May, 1990.

Patty Nance

Subscribed and sworn to before me this 9

day of May, 1990.
(SEAL)

Norma DeLoe
NOTARY PUBLIC

NORTH SIDE NEWS

Jerome, Idaho

COST OF PUBLICATION

Number of Picas per Line

Number of Lines in Notice

Number of Insertions 2X

Lines tabular at 351 6¢/Pica
Lines straight at 17.55 5¢/Pica
Subsequent lines at 14.04 4¢/Pica
TOTAL COST 31.59

COPY OF NOTICE

(Paste Here)

App. for Wat. Rt.
TITLE OF NOTICE

Aardema
36-08517
PLAINTIFF ATTORNEY

DEFENDANT

PLAINTIFF

J. D. W. R. T.F.
BILL TO

NOTICE OF APPLICATION FOR WATER RIGHT

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

36-08517

AARDEMA DAIRIES

132-A WEST 500 SOUTH

JEROME, ID 83338

Source: GROUNDWATER

Diversion Pt: NESENE Sec 1 T 09S R 16E

Use: STOCKWATER (.260 CFS)

COMMERCIAL (.260 CFS)

Total Diversion: (.260 CFS)

Date Filed: 4/3/1990

In: T09S R16E S01 - SENE

The permit(s) will be subject to all prior water rights. Protests must be filed with the Director, Dept. of Water Resources, Southern Region, 222 Shoshone St. East, Twin Falls, ID 83301 on or before May 21, 1990.

R. KEITH HIGGINSON

Director

N12428

Pub: 5-2, 9

PUBLICATION RATES

(Idaho Code, Rev. Statutes 1984)

7-8 pt. per line straight.....5¢/Pica
7-8 pt. per line tabular.....6¢/Pica
7-8 pt. per line successive
insertions.....4¢/Pica

No 3990

12428

Topo BB22
Revised 1992

85

95

36-8571

36-8517?
(yes)

MICROFILMED
APR 23 2002

16E 17E

Water Level Data

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

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

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

Date _____

Date _____

FLOWMETER ACCURACY CALIBRATION TABLE

Owners meter (totalizer reading)	Time	Total Gallons	Ave. Flow Rate - GPM (M ₁)	Standard total gallons	Average flow rate (M ₂)	Percent diff. (±)	Comments and adjustments
4299720	0						
4299960	10.25	240	23.4	222	22.2	+5.4%	

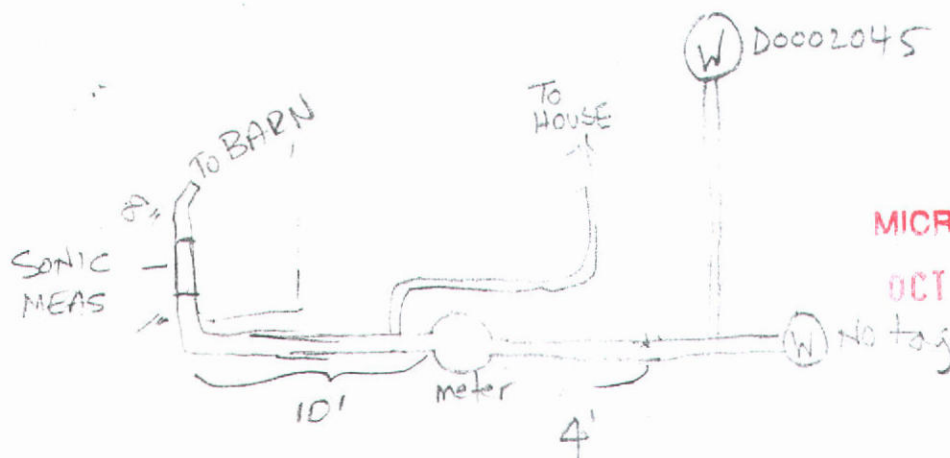
Notes, Comments or Calculations:

Signal = 3 Sound Speed 4812

Flowmeter somewhat oversized for application

Single meter on 2 wells. Measure in barn, in tank room

Sketch and or photograph of installation:



I certify that the above information is true and correct to the best of my knowledge and ability and the measurements taken and recorded are in accordance with the standards and specifications of the equipment used.

Signature _____
(person performing measurements)

Date _____

Corrals

Corrals

Corrals

Corrals

Feed Barn

Barn

Milking Barn

well #
GPS TAGS
POSSIBLE

Drive Way



House

MICROFILMED

OCT 02 2001

Jerome Rd.

N

36-08517

Idaho Department of Water Resource
Recommendation for Permit 36-08517
Aardema Dairy
c/o Ron Aardema

T09S

R16E



Milking Barn

GPS Tag# D0002045



Points of Diversion



Quarter-quarter Lines



Section Lines



Point of Diversion

T09S R16E S1

Data entry on Jan 19, 2000

Point of Diversion Presentation
1987/1988 NAPP Photography
Data Entry By: Amanda Folsom

Idaho Department of Water Resource

Recommendation for Permit

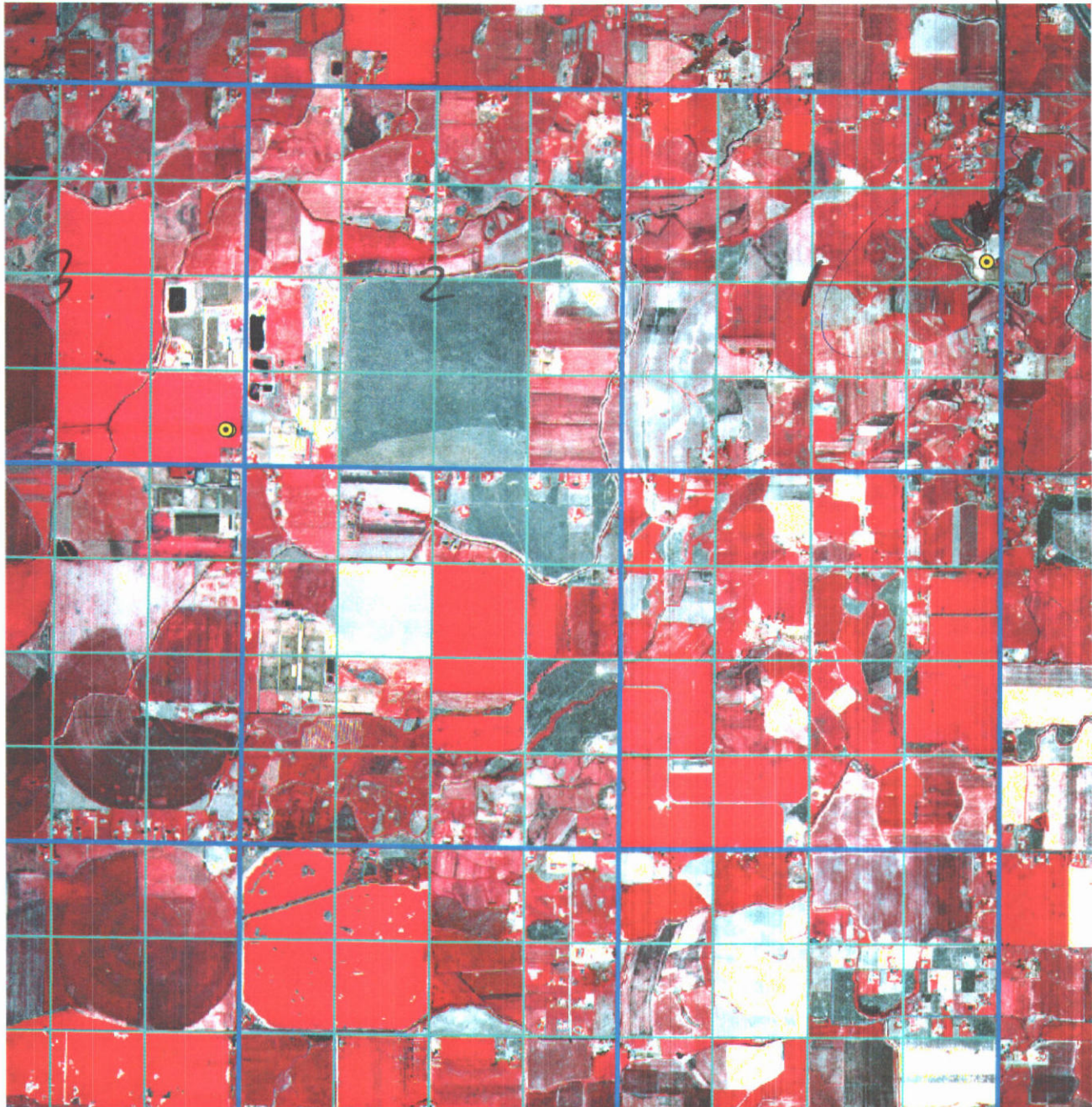
36-08517 & -08398

Aardema Dairy

c/o Ron Aardema

T09S

R16E



● Points of Diversion

□ Quarter-quarter Lines

□ Section Lines

MICROFILMED
OCT 02 2001



Point of Diversion
T09S R16E S3 & S1

Data entry on Jan 19, 2000

Point of Diversion Presentation
1987/1988 NAPP Photography
Data Entry By: Amanda Folsom



Looking E'ly

Old Well 5hp



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OCT 02 2001

Aardema Dairy
c/o Ron Aardema
FE: Amanda Folsom
Date: Jan 14, 2000

36-08517



MICROFILMED
OCT 02 2001

Aardema Dairy
c/o Ron Aardema
FE: Amanda Folsom
Date: Jan 14, 2000

36-08517

Looking SW'ly



Corrals

Feed Truck



UNFILMED
OCT 02 2001

Aardema Dairy
c/o Ron Aardema
FE: Amanda Folsom
Date: Jan 14, 2000

36-08517

Looking SW'ly



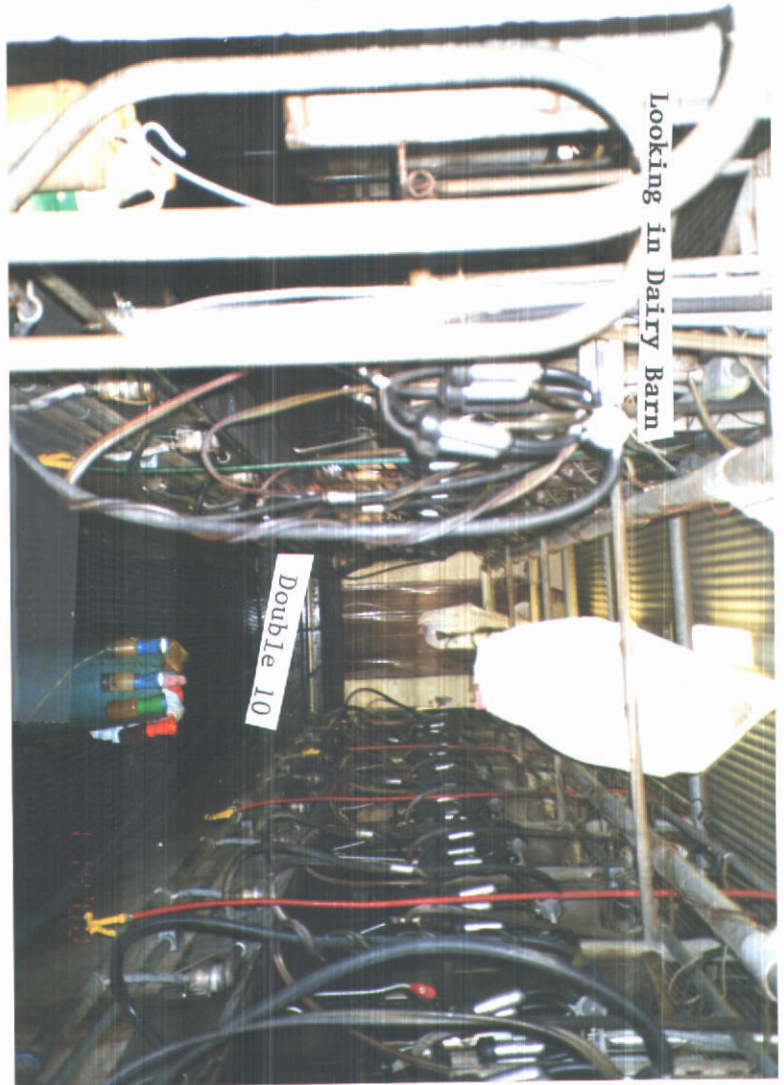
Feed Truck

Feed Barn

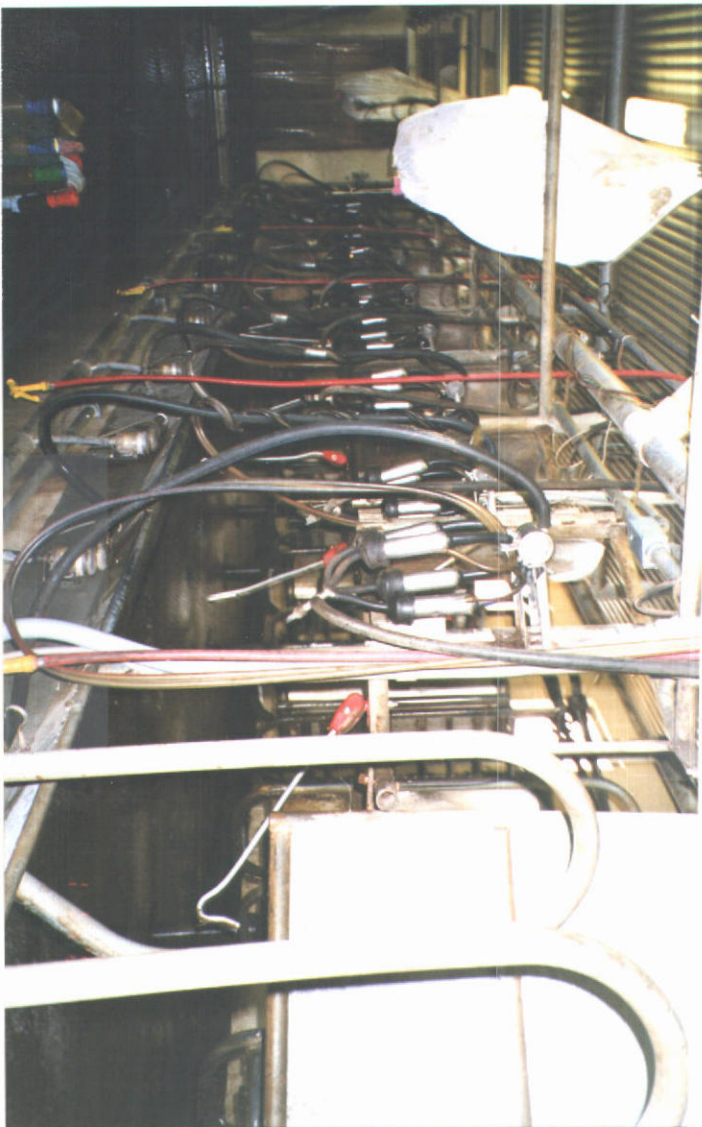


Well

Milking Barn



Looking in Dairy Barn



MICROFILMED
OCT 02 2001

Aardema Dairy
c/o Ron Aardema
FE: Amanda Folsom
Date: Jan 14, 2000

36-08517


**RED JACKET
PUMPS**

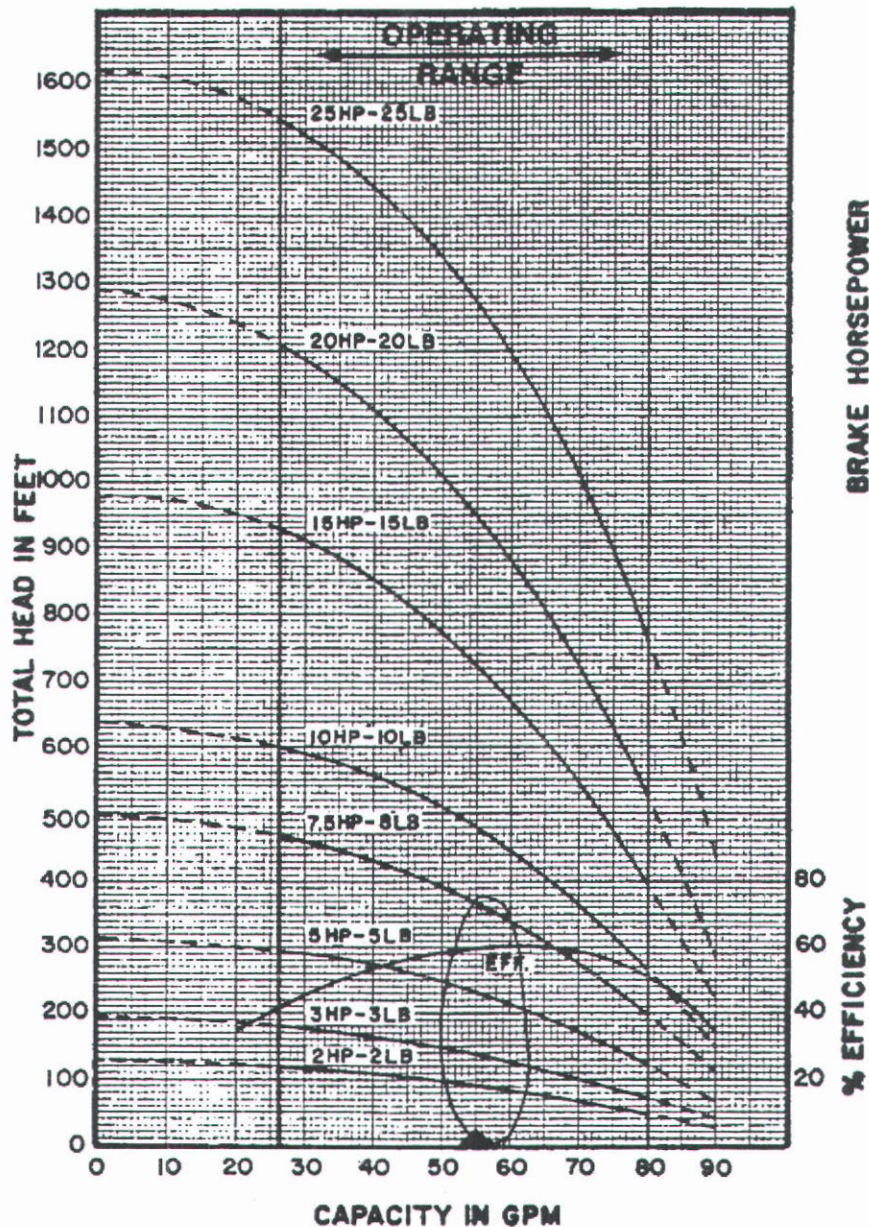
A Marley Pump Company

BIG-FLO®

PAGE: 2-7

EFFECTIVE: SEPTEMBER 1, 1987

55 GPM SERIES "LB" PUMPS PERFORMANCE CURVES

▲ **RATED FLOW**

Note: Continuous operation outside operating range will void warranty.

**MODEL LB 55 GPM — RPM 3450
STAGE "LB" SERIES**

GUARANTEED AS MINIMUM PERFORMANCE ONLY IF CERTIFIED

MINIMUM WELL SIZE 6" I.D.

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OCT 02 2001

State of Idaho
Department of Water Resources
Water Right License

WATER RIGHT NO. 36-08517

Priority: April 03, 1990

Maximum Diversion Rate: 0.04 CFS
Maximum Diversion Volume: 16.3 AF

It is hereby certified that DONALD J AARDEMA
144 W 400 S
JEROME ID 83338 has complied with the terms and
conditions of the permit, issued pursuant to Application for Permit dated April 03, 1990; and has
submitted Proof of Beneficial Use on August 01, 1990. An examination indicates that the works have a
diversion capacity of 0.05 cfs of water from:

SOURCE

GROUND WATER

and a water right has been established as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL DIVERSION VOLUME</u>
STOCKWATER	01/01 to 12/31	0.04 CFS	16.3 AF
COMMERCIAL	01/01 to 12/31	0.04 CFS	16.3 AF

LOCATION OF POINTS OF DIVERSION:

GROUND WATER SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 1, Twp 09S, Rge 16E, B.M., JEROME County
GROUND WATER SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 1, Twp 09S, Rge 16E, B.M., JEROME County

PLACE OF USE: STOCKWATER

Twp	Rge	Sec	NE				NW				SW				SE				
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	Totals
09S	16E	1				X													

PLACE OF USE: COMMERCIAL

Twp	Rge	Sec	NE				NW				SW				SE				
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	Totals
09S	16E	1				X													

CONDITIONS OF APPROVAL

1. Use of water under this water right will be regulated by the watermaster of State Water District No. 130.
2. The place of commercial use authorized by this approval includes land upon which wastewater may be applied for irrigation purposes to satisfy water quality requirements. Water diverted under this approval shall not be used for irrigation unless the water is first used in the dairy as authorized by this water right.

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APR 23 2002

State of Idaho
Department of Water Resources
Water Right License

WATER RIGHT NO. 36-08517

3. Commercial use is for a dairy.

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

Signed and sealed this 8TH day of April, 2002.


Acting for **KARL J. DREHER**
Director

MICROFILMED

APR 23 2002

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APR - 1 2002

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MAR 19 2002

State of Idaho
Department of Water ResourcesDepartment of Water Resources
Southern Region**APPLICATION FOR AMENDMENT**

(For Licensing Purposes)

WATER RIGHT NO. 36-08517**Date of Priority:** April 03, 1990**Maximum Diversion Rate:** 0.04 CFS**Maximum Diversion Volume:** 16.3 AF

Comes now AARDEMA DAIRIES

132-A W 500 S

JEROME ID 83338 and represents to the Director of the Idaho Department

of Water Resources that he is the owner and holder of Permit to appropriate the Public Waters of the State of Idaho No. 36-08517, and requests that the permit be changed as follows:

Source: GROUND WATER

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>ANNUAL VOLUME</u>
STOCKWATER	01/01 to 12/31	0.04 CFS	12.9 AF
COMMERCIAL	01/01 to 12/31	0.04 CFS	3.4 AF

LOCATION OF POINT(S) OF DIVERSION:GROUND WATER SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 1, Twp 09S, Rge 16E, B.M., JEROME CountyGROUND WATER SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 1, Twp 09S, Rge 16E, B.M., JEROME County**PLACE OF USE:** STOCKWATER

Twp Rge Sec	NE				NW				SW				SE				Totals
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
09S 16E 1				X													

PLACE OF USE: COMMERCIAL

Twp Rge Sec	NE				NW				SW				SE				Totals
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
09S 16E 1				X													

Permit holder asserts that no one will be injured by such change and that such change will be made at permit holder's own risk. Signed this 11 day of March, 2002

 (Signature)

MICROFILMED

APR 23 2002

50 25

State of Idaho
Department of Water Resources
APPLICATION FOR AMENDMENT
(For Licensing Purposes)
WATER RIGHT NO. 36-08517

FOR DEPARTMENT USE ONLY

Preliminary check by KW Fee = 50.00 Received by GF #5024054 Date 3/19/02

ACTION OF THE DEPARTMENT OF WATER RESOURCES

I, Karl J. Dreher, of the Department of Water Resources hereby approve the
above Application for Amendment for Permit No. 36-08517 with the following:

CONDITIONS OF APPROVAL

1. Commercial use is for a dairy.
2. The place of commercial use authorized by this approval includes land upon which wastewater may be applied for irrigation purposes to satisfy water quality requirements. Water diverted under this approval shall not be used for irrigation unless the water is first used in the dairy as authorized by this water right.
3. Use of water under this water right will be regulated by the watermaster of State Water District No. 130.

Witness my hand this 8TH day of April, 2002.

Acting for 
KARL J. DREHER
Director

MICROFILMED

APR 23 2002

11/99

44 2002

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

RECEIVED

MAR 19 2002

Department of Water Resources
Southern Region

ASSIGNMENT OF [REDACTED] PERMIT

To change the ownership of an application for permit

I, AARDEMA DAIRIES, hereby assign to DON AARDEMA
of, 144W 400S Jerome, Idaho 83338 208-324-3438
(Full Address) (Phone)

All my right, title, and interest in and to Application for Permit No. 36-08517
to appropriate the public waters of the State of Idaho.

OR (for partial assignments)

The following described portion of my right, title, and interest in and to Application for
Permit No. _____ to appropriate the public waters of the State of Idaho.

(Describe portion of the application for permit assigned, listing the number of acres in each 40 acre
subdivision, point of diversion location, and amount of the water in cubic feet per second.)

Made this 11 day of March, 2002

Don Arden
Applicant(s)

State of Idaho)

County of Twin Falls)ss

On this 11th day of March, 2002, personally appeared before me the signer(s) of the above
instrument, who duly acknowledged to me that he (she) (they) executed the same.

Rebecca L. Harshbarger
Notary Public residing at

SEAL

Kimberly, ID

My commission expires: 2-24-03

Receipt #3024654
3.19.02
\$25.00
G.F.

MICROFILMED

N/A

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
PROOF OF BENEFICIAL USE

The Idaho Department of Water Resources will consider this form as a statement that the permit holder(s) has/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 or a completed field examination report prepared by a certified water right examiner who has been appointed by the department.

Permit No. P36-08517 Telephone No. 324-3438
Name(s) of Permit Holder(s): Aardema Dairies
Post Office Address: 132 A West 500 South Jerome Id 83338
Source of Water: Groundwater
If ground water, well driller's name: Smith Drilling Corp Date drilled: 5-15-90
Extent of Use:
Domestic _____ (No. of households) Irrigation _____ (No. of acres)
Stockwater 400 Cattle (No. and type of stock) Other _____

Total rate and/or volume for which proof is submitted 1.06 cfs _____ acre/feet

Show date water was first diverted and beneficially used under this permit: _____

One of the following may be a condition of approval of your permit:

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

OR

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

Fee Enclosed: \$ _____ (See License Examination Fee Schedule)

Person to contact to accompany the Department representative during the field examination:

Don Aardema 208-324-3408
Name Telephone No.
132 A West 500 South Jerome, Id.
Address

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 04 1991

7-31-90 Evelyn Aardema Partner
Date Signature (and title if on behalf of a company or organization)

State of Idaho
Department of Water Resources

Permit To Appropriate Water

NO. 36-08517

Proposed Priority: April 3, 1990 Maximum Diversion Rate: 0.26 CFS

This is to certify, that **AARDEMA DAIRIES**
132-A W. 500 S.
JEROME, ID 83338

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>
STOCKWATER	01/01 to 12/31	0.26 CFS
COMMERCIAL	01/01 to 12/31	0.26 CFS
	Totals	0.26 CFS

LOCATION OF POINT(S) OF DIVERSION: NESENE Sec. 1, Township 09S, Range 16E
JEROME County

PLACE OF USE: STOCKWATER

TWN RGE SEC

09S 16E 1 SENE

PLACE OF USE: COMMERCIAL, same as STOCKWATER use

CONDITIONS/REMARKS:

1. Proof of construction of works and application of water to beneficial use shall be submitted on or before **August 1, 1991**.
2. Subject to all prior water rights.
3. Permit holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code.
4. Commercial and stockwater use is for 400 dairy cattle.

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

23rd day of July, 19 90

R. Keith Higginson
R. Keith Higginson, Director

Note: Lic can
be issued
for only
stockwater use.
HJH
12-17-90

RECORDED

JUL 27 1990

RECEIVED

Form 202
6/85 APR 3 1990

Ident. No. 36-08517

Department of Water Resources
Southern Region Office

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

1. Name of applicant AARDAMA DAIRIES ⁽²⁰⁸⁾ Phone 324-3438
Post office address 132-A W. 500 S., JEROME, ID 83338
2. Source of water supply Groundwater which is a tributary of _____
3. Location of point of diversion is NE $\frac{1}{4}$ of SE $\frac{1}{4}$ of NE $\frac{1}{4}$, Govt. Lot _____
Sec. 1 Township 9S. Range 16E. B.M. JEROME County; additional
points of diversion if any: _____
4. Water will be used for the following purposes:
Amount 0.26 for Commercial purposes from 1-1 to 12-31 (both dates inclusive)
(cfs or acre-feet per annum)
Amount 0.26 for Stockwater purposes from 1-1 to 12-31 (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) 0.26 cubic feet per second and/or (b) _____ acre feet per annum
6. Proposed diverting works:
 - a. Description of ditches, flumes, pumps, headgates, etc. existing well + 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~~ ^{EXISTING} well diameter is 8 inches; ~~proposed~~ ^{EXISTING} depth of well is 265 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 **MICROFILMED** the proposed beneficial use is
1 years (minimum 1 year).

JUL 27 1990

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. 400 DAIRY
- c. Municipal; show name of municipality. _____
- d. Domestic; show number of households. _____
- e. Other; describe fully. C/ 400 Head Dairy

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	
9S.	16E	01				9/16													

Total number of acres to be irrigated 0

10. Describe any other water rights used for the same purposes as described above. NONE

11. a. Who owns the property at the point of diversion? AARDEMA DAIRIES

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

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: Domestic well filed in Adjudication under A36-14657.
Well was drilled in 12-5-1978 by Smith Drilling
& Has been in use since that time.

JUL 27 1990

T: T: 195.

T8S

T9S

428

3.5 MI. TO U.S. 93
TWIN FALLS (VIA U.S. 93) 9 MI.

427

40'

426

425

424



Sonnickso
VABM 3741
Butte

14

5

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

MICROFILM

JUL 27 1968

MICROFILMED
 JUL 27 1977

Scale: 2 inches equal 1 mile.

BE IT KNOWN that the undersigned hereby makes application for permit to appropriate the public waters of the State of Idaho as herein set forth.

Cecily Cardenas, Customer
(Applicant)

4-3-96

Received by SCC Date 4-3-90 Time 11:00 AM Preliminary check by J.F. Stanton
Fee \$ 45.00 Receipted by SCC # SO11767 Date 4-3-90
Publication prepared by M. Baldwin Date 4/18/90 Published in North Side News
Publication approved M. Baldwin Date 5/17/90

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:

MICROFILMED

JUL 27 1990

SECRET

SS.

MAY 10 1990

Department of Water Resources

each week for 23 consecutive issues in said newspaper proper and not in a supplement; that the date of the first publication of said advertisement was on the 2nd day of May, 1971, and the date of the last publication was on the 24th day of May, 1971.

Subscribed and sworn to before me this 9
day of May, 1990
(SEAL)

Norma De Voe
NOTARY PUBLIC

Jerome, Idaho

COST OF PUBLICATION

Number of Insertions 28

Subsequent lines at 14.04 4¢/Pica

TOTAL COST 31.59

(Paste Here)

Agel S. L. White & Co.
TITLE OF NOTICE

PLAINTIFF ATTORNEY

DEFENDANT

PLAINTIFF

BILL TO

[illegible]

(Idaho Code, Rev. Statutes 1984)

7-8 pt. per line straight.....	5¢/Pica
7-8 pt. per line tabular.....	6¢/Pica
7-8 pt. per line successive insertions.....	4¢/Pica

№ 3990

1.24.28



State of Idaho

DEPARTMENT OF WATER RESOURCES

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

DIRK KEMPTHORNE
Governor

KARL J. DREHER
Director

April 9, 2002

DONALD J AARDEMA
144 W 400 S
JEROME ID 83338

RE: License No. 36-8517 - Issuance of License

Dear Water Right Holder(s):

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

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

Enclosed is a copy of the approved Application for Amendment.

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

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

Sincerely,

Shelley W. Keen

Water Rights Supervisor

SWK:klt

Enclosure(s)

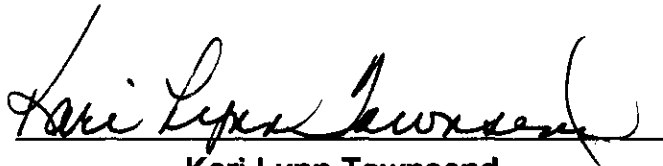
MICROFILMED
APR 23 2002

CERTIFICATE OF SERVICE

I hereby certify that on April 9, 2002 I mailed a true and correct copy, postage prepaid, of the foregoing PRELIMINARY ORDER(Approved License) to the person(s) listed below:

RE: WATER RIGHT NO. 36-8517

**DONALD J AARDEMA
144 W 400 S
JEROME ID 83338**


Kari Lynn Townsend
Secretary

MICROFILMED

APR 23 2002

**EXPLANATORY INFORMATION
TO ACCOMPANY A
PRELIMINARY ORDER**

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

PETITION FOR RECONSIDERATION

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

EXCEPTIONS AND BRIEFS

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

REQUEST FOR HEARING

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

ORAL ARGUMENT

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

CERTIFICATE OF SERVICE

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

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APR 23 2002

FINAL ORDER

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

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

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

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

APPEAL OF FINAL ORDER TO DISTRICT COURT

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

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

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



State of Idaho

DEPARTMENT OF WATER RESOURCES

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

DIRK KEMPTHORNE
Governor

KARL J. DREHER
Director

March 4, 2002

AARDEMA DAIRIES
132-A W 500 S
JEROME ID 83338

RE: Water Right Permit 36-08517

Dear Permit Holder(s):

I previously forwarded to you an Application for Amendment so that you could amend your permit to depict your water right as it has actually been developed.

As of this date, I have not received this amendment. If I do not receive the amendment within 14 days, a Water Right License will be issued for less than could have been allowed. In case the amendment form I sent you has been misplaced, a new one is enclosed. Please note that the filing fee for this amendment is \$50.00.

If you have any questions regarding this matter, please call me at 208-327-7944.

Sincerely,

KAY WALKER
Sr. Water Resource Agent

KW:klt

Enclosure

MICROFILMED

APR 23 2002



State of Idaho

DEPARTMENT OF WATER RESOURCES

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

DIRK KEMPTHORNE
Governor

KARL J. DREHER
Director

February 12, 2002

AARDEMA DAIRIES
132-A W 500 S
JEROME ID 83338

RE: Water Right Permit No. 36-08517

Dear Permit Holder(s):

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

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

 Point(s) of Diversion – Adding 2nd well to this right

The enclosed Application for Amendment form depicts the elements of the water right as they will appear on the license when it is issued. Please review the amendment form carefully. If you concur with the information presented, please sign the form and return it with the \$50.00 filing fee within 14 days.

If you have any questions, please call me at 208-327-7944.

Sincerely,



KAY WALKER
Sr. Water Resource Agent

Enclosure

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APR 23 2002

LICENSE REVIEW CHECKLIST

Permit No. 36-8517 Date: 1-24-2002 Reviewer: Kay Walker

Change/OK

Name/Address ok

Source ok
Point of Diversion: add
awell

Does change clarify original intended source? If no, void permit.
Change (P39/P49) Add (P45/P44) Feds (P40)

W32 (multiple in 1/4/1/4)
W36 (overlap)
W59 (subdivision description)

Place of Use ok

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

W60 (subdivision description)
W27 (ppu acre limit)

Overlaps: Right(s): _____
File reviewed _____ Profile reports printed _____

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

Rate of Diversion:

Permitted rate 0.26 cfs
Fee Limit no fee cfs
Measured 0.05 cfs
Theoretical _____ cfs

Recommended Total Diversion Rate 0.04 cfs
limit lic to ~~stock~~ only.

Season of Use per new Standards

Water Uses ok

Change (P46)

Irrigation _____ cfs af
Stockwater 0.04 cfs 12.9 af
Domestic _____ cfs af
Comm 0.04 cfs 3.4 af
_____ cfs af
Total 0.04 cfs 16.3 af

Irrigation - overlap (R58-R61, R62-R65, R66-R69)
supp. Gw (WB7/065/104)
overlap spec combined rts (W35)
<1 acre (W31)
Domestic (W01/wb5/070/071/075)
Power (W42 or W43/025/027/R22 or R23)
Fish (042)
Fire (077)
Water Quality (106/R07)
Payette - (W22/047/27A)
Stockwater for US (R37)

Volume Determination

0.04 cfs x 1.9835 x 365 days = 28.95 af (vs) _____ acres x _____ (FHR) = _____ af

Remarks: W36 (36-14657) W35 (0.05 cfs)

Additional Conditions _____ Watermaster Control
_____ GW Measurement/Measuring Device
_____ Other
Trust R55 - remove 051)
Non-trust (048)

GW Dist? _____
Water Mgmt. Dist? _____
Crit. GWMA? _____
GWMA? _____
Government Lots? _____

stock =
400 x 0.0391 =
15.64 AF

Advance Priority? yes If yes, explain why below.
no

SRBA Claim? no - not req'd

Adjust memo _____

Amend Letters _____ P87, S06 Second Amendment Notice P44 S06

per VAX = $\frac{p/d \text{ OL}}{36-14128 \text{ Jayne Jackson - domestic}}$
OL $\rightarrow$ $\frac{36-14657 \text{ Qardema Dairy - stock + domestic}}$

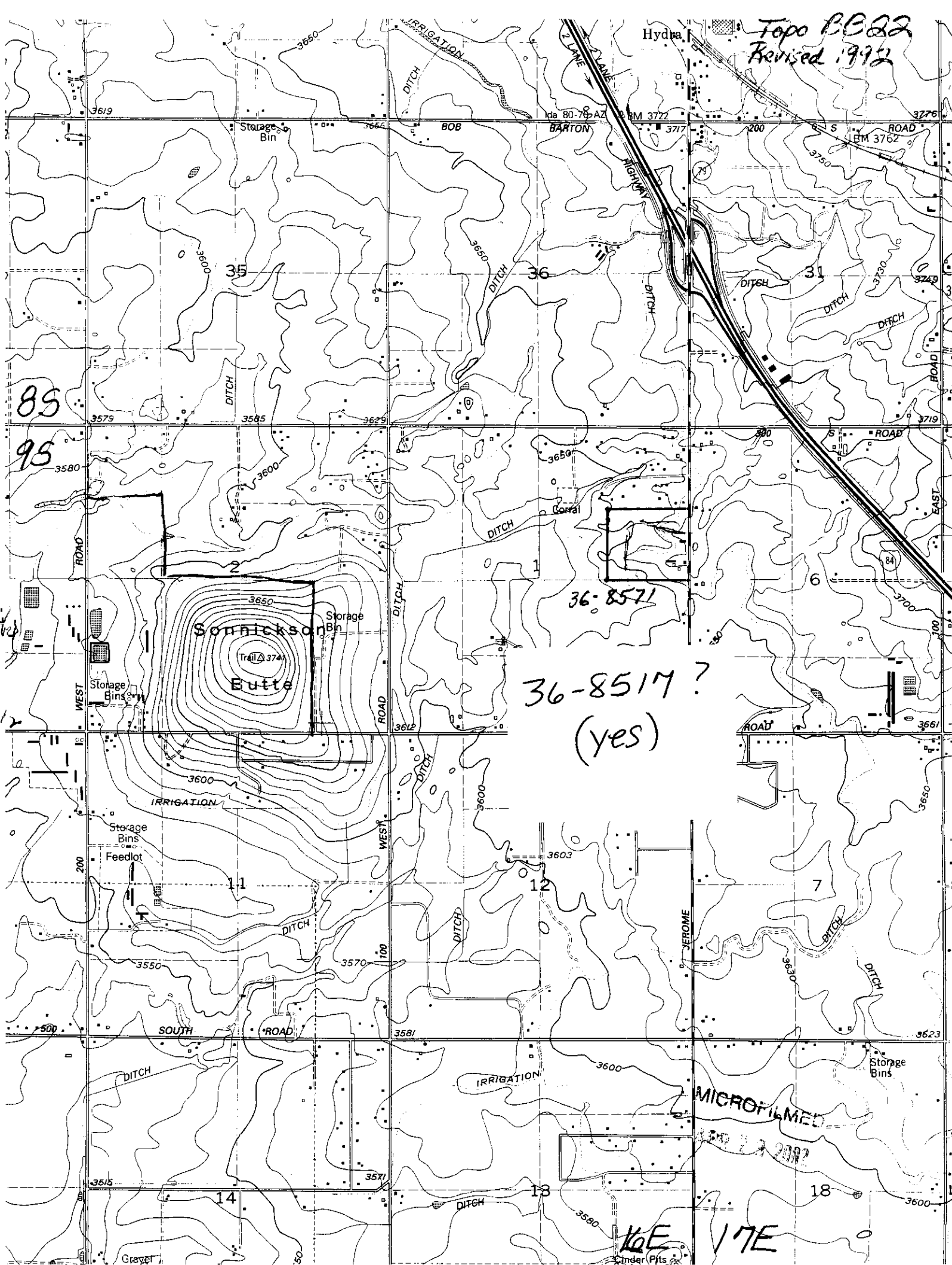
= p/u

North Side Canal water

36-14128 - NO OL

36-14657 - OL

Topo P. 822
Revised 1992



FILE NUMBER 35-08517
REVIEWER lw
DATE February 11, 2002

DAIRIES: WATER USE WORKSHEET

REQUIRED DAIRY DATA

NUMBER OF MILKING CATTLE 400
NUMBER OF DRY CATTLE 0
NUMBER OF REPLACEMENT CATTLE: 0-2 MONTHS 0
3-4 MONTHS 0
5-8 MONTHS 0
9-12 MONTHS 0
13-15 MONTHS 0
16-24 MONTHS 0
ENTER 1 FOR MANUAL COW WASHING, 2 FOR AUTOMATIC COW WASHING,
OR 3 IF SPRINKLERS ARE USED TO FLUSH HOLDING PEN AND WASH COWS 1
IF SPRINKLERS ARE USED: NUMBER OF SPRINKLERS IN HOLDING PEN 50
NOZZLE DISCHARGE (USE 5.0 GPM IF UNKNOWN) 5.00
TOTAL OPERATION TIME OF SPRINKLERS (MIN/DAY) 20
NUMBER OF MILKINGS PER DAY 2
AVG. LBS. OF MILK PRODUCED PER DAY PER ANIMAL (IDAHO AVG IS 70 LBS.) 70
ARE THERE SEPARATE PUMPS FOR COMMERCIAL AND STOCKWATER USES? N
IF SO: HOW MANY HOURS PER DAY DOES THE STOCKWATER PUMP RUN? 12.0
HOW MANY HOURS PER DAY DOES THE COMMERCIAL PUMP RUN? 12.0
IF ONLY ONE PUMP, HOW MANY TOTAL HOURS PER DAY DOES IT RUN? 12.0
IS A PLATE COOLER USED? N
IS PLATE COOLER WATER LATER RECYCLED FOR OTHER USES? (IF NO PLATE
COOLER, LEAVE BLANK) N
ARE CORRAL MISTERS USED IN HOLDING PEN? N
IF USING CORRAL MISTERS: NUMBER OF MISTERS (IF UNKNOWN,
ASSUME 1 MISTER FOR EVERY 5 COWS) 400
NOZZLE DISCHARGE (USE 5 GPM IF UNKNOWN) 5.00
SPRAY INTERVAL (EX - 2 MIN ON EVERY 5 MIN = 2/5) 2/5
OPERATION TIME OF MISTERS (HRS/DAY) 10
DAYS PER YEAR MISTERS ARE USED 45
ENTER A TOTAL VOLUME IN GPD FOR MISCELLANEOUS WATER USES NOT
INDIVIDUALLY CALCULATED BELOW (EX. - RESTROOMS, WASHING MACHINES) 0

CALCULATIONS

DIVERSION RATE (CFS):

STOCKWATER
MILKING CATTLE (BASED ON MILK PRODUCTION) ****
DRY CATTLE @17.0 GPD/HD ****
REPLACEMENT CATTLE ****
TOTAL ****

COMMERCIAL
TOTAL ****

TOTAL DIVERSION RATE ****

DIVERSION VOLUME (AFA):

STOCKWATER
MILKING CATTLE 12.9
DRY CATTLE 0.0
REPLACEMENT CATTLE 0.0
TOTAL 12.9

COMMERCIAL
WASHING OF BULK TANK AND RELATED EQUIPMENT 0.4
BACKFLUSH 0.4
PARLOR/MILKHOUSE/HOLDING PEN CLEANUP 2.0
CATTLE WASHING BASED UPON METHOD OF WASHING 0.4
PLATE COOLER 0.0
CORRAL MISTERS 0.0
MISCELLANEOUS USES 0.0
TOTAL 3.4

TOTAL DIVERSION VOLUME 16.3

CONSUMPTIVE USE VOLUME (AFA)(assuming 100% consumptive):

STOCKWATER 12.9
COMMERCIAL 3.4
TOTAL CONSUMPTIVE USE 16.3

THEORETICAL FLOW ESTIMATION WORKSHEET

REQUIRED PUMP INFORMATION

	PUMP 1	PUMP 2	PUMP 3	PUMP 4	PUMP 5
PUMP HORSEPOWER (HP)	0.00	0.00	0.00	0.00	0.00
PUMP EFFICIENCY (%)	70		70	70	70
LIFT (FT)	230		0	0	0
DISCHARGE PRESSURE (PSI)	40		0	0	0
FRICTION LOSSES (FT)	3.0		0.0	0.0	0.0
HOURS PER DAY PUMP OPERATES	12.0		0.0	0.0	0.0

CALCULATIONS

THEORETICAL FLOW RATE (CFS) *	0.00	0.00	0.00	0.00	0.00
DIVERSION VOLUME (AFA) **	0.0	0.0	0.0	0.0	0.0

* IF PUMP EFFICIENCY IS UNKNOWN, 70% MAY BE ASSUMED.

** DIVERSION VOLUME IS THE ABSOLUTE MAXIMUM VOLUME BASED ON THE
THEORETICAL FLOW RATE ASSUMING PUMP RUNS EVERY DAY OF THE YEAR.

EVALUATION OF EQUIVALENT IRRIGATED ACREAGE

IRRIGATION RIGHT (BEFORE CHANGE)

DIVERSION RATE	4.80 CFS
ACRES OF IRRIGATION	240.0 ACRES
DIVERSION VOLUME	4.0 AC-FT/AC
CONSUMPTIVE USE VOLUME	3.0 AC-FT/AC
IRRIGATION IS BEING CONVERTED FOR WHICH PORTION OF THE DAIRY OPERATION - STOCKWATER (S), COMMERCIAL (C), OR BOTH (B)? B	

CALCULATIONS

IRRIGATION DIVERSION RATE PER ACRE	0.020 CFS/AC
REDUCTION OF IRRIGATION BASED ON DIVERSION RATE	#DIV/0! ACRES
REDUCTION OF IRRIGATION BASED ON DIVERSION VOLUME	4.1 ACRES
REDUCTION OF IRRIGATION BASED ON CONSUMPTIVE USE	5.4 ACRES

400 dairy x 0.00065 = 0.26 cfs
allow 0.04 per proof
& capacity.

36-8517

DAIRY WATER USE QUESTIONNAIRE

NUMBER OF MILKING CATTLE	400
NUMBER OF DRY CATTLE	100
NUMBER OF REPLACEMENT CATTLE: 0-2 MONTHS	
3-4 MONTHS	
5-8 MONTHS	50
9-12 MONTHS	50
13-15 MONTHS	50
16-24 MONTHS	50
ENTER 1 FOR <u>MANUAL COW WASHING</u> 2 FOR AUTOMATIC, OR 3 IF SPRINKLERS ARE USED TO FLUSH HOLDING PEN AND WASH COWS	1
IF SPRINKLERS ARE USED: NUMBER OF SPRINKLERS IN HOLDING PEN	—
NOZZLE DISCHARGE (USE 5.0 GPM IF UNKNOWN)	—
OPERATION TIME OF SPRINKLERS (MIN/DAY)	—
NUMBER OF MILKINGS PER DAY	2
AVG. LBS. OF MILK PRODUCED PER DAY PER ANIMAL (IDAHO AVG IS 70 LBS.)	70
HOURS PER DAY PUMP OPERATES FOR STOCKWATER USE	12
HOURS PER DAY PUMP OPERATES FOR COMMERCIAL USE	12
IS RECYCLED WATER USED TO FLUSH MILKHOUSE AND PARLOR FLOORS?	N
IS RECYCLED WATER USED TO WASH COWS?	N
IS A PLATE COOLER USED?	N
IS RECYCLED WATER USED FOR PLATE COOLER? (IF NO PLATE COOLER, LEAVE BLANK)	N
IF CORRAL MISTERS ARE USED: NUMBER OF MISTERS IN HOLDING PEN	—
NOZZLE DISCHARGE (GPM)	—
OPERATION TIME OF MISTERS (MIN/DAY)	—
DAYS PER YEAR MISTERS ARE USED	—

permit
limited
to 400
dairy

0.04 cfs
limit license to ~~stockwater~~ only -
no proof fee paid - allow 30 days
to submit fee

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SEP 23 2002

WMD**POD Data****09S 16E 01 NESENE**

Legal Description	GPS Site ID	Diversion Name	Meas Option	POD
09S 16E 01 NESENE	D0002045	GOLF COURSE RD NORTH WELL		400836
Latitude 000:00:00.000		Longitude 000:00:00.000	GPS File	Flowmeter (8)
Comments WAIVED 4/4/95 (SK); RON CALLED, WILL SUBMIT OPTION FORM SOON (SK) Owner submitted 1998 report although well still waived. Change to option 8, permit 36-08517, 0.26 cfs. May be second well, decreed under 36-14657 and is likely connected to this one. Follow up needed. (cjh 2/29/00)				

Flowmeter Data

Year	Date	Calibration Factor	Max CFS	Adj Max CFS	Acre-Ft	Adj Acre-Ft	Acre-Ft Qualif	Valid	Prefrd
2000	10/11/2000	0.95			2.77	2.63	MR	☐	☐
Comments									
1999	10/11/2000	0.95			5.73	5.4435	MR	☐	☐
Comments Meter covered in water 2 separate months 1-24-00 GPM.									
1998	10/11/2000	0.95	0	0	4.1	3.895	MR	☐	☐
Comments									

Flowmeter CalibrationCalibration Date: **10/11/2000** Calibration Factor: **0.95****400836**

Installed Meter	Standard Meter	Other well(s):
Meter Type: PROPELLER	Pipe Material: STEEL	south WMD200000022
Manufacturer: MCCROMETER	Outside Diameter: 2.39	Other meter(s): ☐
Model:	Wall Thickness: 0.15	Comments:
Serial Number: 9772672	Upstream Straight: 3	shared meter, north and south wells. Diversion data in this record.
Rate Units: GPM	Downstream Straight: 0.5	
Rate Multiplier: 1	Meter Type: SONIC	
Volume Units: GAL	Measured Flow Units: GPM	
Volume Multiplier: 10	Measured Flow: 22.2	
Location: FAIR	Confidence: FAIR	
Indicated Flow: 23.4		

Changed: 10/12/2000

Site Visits

Site Visit Date	Site Examiner	Reason	Change Date:
10/11/2000	CHODGES	Flowmeter Calibration	10/12/2000
Notes: Two wells tied together. All diversion data in this record.			

WMD**POD Data****09S 16E 01 NESENE**

Legal Description	GPS Site ID	Diversion Name	Meas Option	POD
09S 16E 01 NESENE		GOLF COURSE RD SOUTH WELL		WMD20000
Latitude 000:00:	Longitude 000:00:	GPS File	Flowmeter (8)	
Comments Second dairy well for Golf Course dairy. See 400836 for diversion data.				

Flowmeter Data

Year	Date	Calibration Factor	Max CFS	Adj Max CFS	Acre-Ft	Adj Acre-Ft	Acre-Ft Qualif	Valid	Prefrd
1999	10/11/2000	1					OW	☐	☐
Comments Data included with north well. See 400836.									

Flowmeter CalibrationCalibration Date: **10/11/2000** Calibration Factor: **WMD200000022**

Installed Meter	Standard Meter	Other well(s):
Meter Type:	Pipe Material:	north well 400836
Manufacturer:	Outside Diameter:	Other meter(s):
Model:	Wall Thickness:	Comments:
Serial Number:	Upstream Straight:	calibration data and diversion data in north well record.
Rate Units:	Downstream Straight:	
Rate Multiplier: 1	Meter Type:	
Volume Units:	Measured Flow Units:	
Volume Multiplier: 1	Measured Flow:	
Location:	Confidence:	
Indicated Flow:		
		Changed: 10/12/2000

Site Visits

Site Visit Date	Site Examiner	Reason	Change Date:
10/11/2000	CHODGES	Flowmeter Calibration	10/12/2000

Notes: **Secondary dairy well. See also 400836.**

Walker, Kay

From: Funderburg, Gary
Sent: Friday, February 08, 2002 2:07 PM
To: Walker, Kay
Subject: DON AARDEMA DAIRY'S, AARDEMA DAIRY'S, AARDEMA FARMS LIMITED PARTNERSHIP

Hi Kay,

Water rights 36-8021, and 36-8517 should have the new address as 400 S. 144 W. , Jerome, Idaho 83338

I am sending you the maps for the lagoon waste in the mail .

← per Gary
all the lands
for waste
water are
owned by
permit holder.
KW

GARY

MICROFILMED
APR 23 2002

MEMORANDUM

TO: File 36-08517

FROM: KAY WALKER *KW*

RE: Ownership of Permit

Date: February 8, 2002
.....

Gary Funderburg called me this afternoon regarding the ownership of this permit. A notice of change in ownership had been data entered for this permit when I pulled the file for licensing. Rather than try to figure out why the ownership change had been accepted, I sent correspondence out to the "current" permit holders of record. Don Aardema went into Southern Region with my correspondence of January 25, 2002 and asked Gary to get this ownership error resolved. Since the ownership change was not the proper form for changing ownership of a permit, I told Gary I would undo the ownership change that had been entered and take the permit back to original permit holders. He also requested an address change be made but I told him I could only change it back to permit. Any further address change should be submitted in signed form from permit holder.

MICROFILMED

SEP 23 2002

5.0

FEB 23 1998

STATE OF IDAHO
IDAHO DEPARTMENT OF WATER RESOURCES
DBA
NOTICE OF CHANGE OF WATER RIGHT OWNERSHIP

Please print or type. Attach pages with additional information. Instructions are on the back of this page.
Incomplete forms will be returned.

1. Water Right No(s).: 36-08362; X36-04151B; X36-04151A; 36-08021; 36-08305; 36-08517
Adjudication Claim No(s).: _____

2. The following REQUIRED information must be submitted with this form:

- A. A copy of the most recent DEED, TITLE POLICY, CONTRACT OF SALE or other legal document indicating your ownership of the property and water rights or claims in question, WITH ATTACHED LEGAL DESCRIPTION.
AND
B. PLAT OF PROPERTY or SURVEY MAP for parcel of ten acres or less. (These are usually attached to your deed or on file with the county.)
OR
C. For water rights or adjudication claims involving ten or more irrigated acres, a USDA Farm Service Agency AERIAL PHOTO with irrigated acres outlined and point(s) of diversion clearly marked.

3. Name and Address of Former Owner/Claimant Frans and Cornelia Aardema and Thomas and Mary Jane
Heida dba Aardema-Heida Dairy

4. New Owner/Claimant(s) Frans and Cornelia Aardema and Thomas and Mary Jane
Heida dba Box Canyon Dairy
Name Connector (Check one): ☐ and, ☐ or, ☐ and/or
New Mailing Address P.O. Box 140

City, State and ZIP Code Wendell, ID 83355

New Telephone Number (208) 536-2189

5. Date you acquired the property N/A See cover L

6. If you have acquired only a portion of the former owner's property, IDWR may need to split the water right(s) or adjudication claim(s). If this applies, describe in detail your portion of each water right or adjudication claim in the spaces below. If necessary, attach additional pages.

Number of acres you irrigate _____ Number and type of stock _____

Diversion rate in CFS _____ Number of homes _____ Other uses _____

If a water right or adjudication claim is being split and you are not sure how to identify your portion of the original right or claim, please contact the nearest IDWR office for assistance.

7. Signature of New Owner or Claimant(s)

Frans Aardema Mary Jane Heida
Cornelia Aardema

(Corporations or other organizations must submit a list of directors and/or officers demonstrating authority to sign form.)

8. For Snake River Basin Adjudication Claims: Please attach a Notice of Appearance completed by your attorney, if you wish IDWR to correspond with him or her for all matters related to your claims..

data entered

MICROFILMED

JUN 3 1998



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, P.O. Box 83720, Boise, Idaho 83720-0098

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

DIRK KEMPTHORNE
GOVERNOR

KARL J. DREHER
DIRECTOR

TRANSMITTAL COVER SHEET

FAX NUMBER: (208) 327-5400

DATE: 1-28-02

TO: Scott Haag
FAX: 536-5433

FROM: KAY @ IDWR
327-7900

DOCUMENT DESCRIPTION: Notice of Change of
Water Right Ownership rec'd by
our office 5/23/1998

COVER SHEET + 1 PAGES

CONTACT: _____ IF YOU DO NOT RECEIVE ALL THE PAGES.

THANK YOU!

*- says this day not Box Canyon's -
~~sent~~ faxed copy of ownership
change - will check it out.*



State of Idaho

DEPARTMENT OF WATER RESOURCES

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

January 25, 2002

DIRK KEMPTHORNE
Governor

KARL J. DREHER
Director

FRANS & CORNELIA AARDEMA
THOMAS & MARY JANE HEIDA
DBA BOX CANYON DAIRY
PO BOX 140
WENDELL ID 83355

RE: Permit No. 36-08517

Dear Permit Holders:

Permit 36-08517 is currently being reviewed for licensing. The Department's field examiner recommended licensing your water right with a diversion rate of 0.05 cubic feet per second (cfs) for stockwater and commercial uses. However, because you did not pay an examination fee when you submitted your Proof of Beneficial Use, the license will be limited to 0.04 cfs.

If you want this water right license to reflect the 0.05 cfs found by the examiner, you must submit an examination fee of \$50.00, plus a late payment penalty of \$25.00, within 30 days. If we don't receive the combined examination fee/late fee of \$75.00 within 30 days from the date of this letter, we will assume you are not interested in the additional 0.01 cfs of water and we will license the permit for 0.04 cfs.

Since you received your permit, the Department has taken a position that it is necessary to clarify the place of use for land application of waste from dairies as part of the water right. We would like to give you the opportunity to include the description of the place of use for this waste water on your water right license. Please submit information, by 40-acre tract descriptions, that describes where the waste water is used and the ownership of the lands that this water is applied. Enclosed, for your convenience, is a copy of a topographical map that you can use to identify these lands. Please mark on the map where your waste water is being applied. If land application is found to be in tracts not included on your permit, we will request that you amend your permit before licensing to include this information on the license. If the waste water is not land applied, please advise us by telephone, e-mail (kwalker@idwr.state.id.us) or a letter.

If you have any questions, please feel free to contact me at (208) 327-7944.

Sincerely,

KAY WALKER
Sr. Water Resource Agent

KW:k
Enclosure

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED

MAR 28 2001

Department of Water Resources

A. GENERAL INFORMATION

Permit No. 36-8517

1. Owner: Aardema Dairy Phone No. 324-5688

Current Address: 132-A W 500S Jerome ID 83338

2. Accompanied by: Ron Aardema EXAM DATE: Jan 14, 2000

Address: 174 W 400S Jerome ID Phone No. 324-1615

Relationship to Permit Holder: CO-OWNER

3. Source: Ground water tributary to _____

B. OVERLAP REVIEW

1. Other water rights with the same place of use: _____

2. Other water rights with the same point of diversion: 36-14657

C. DIVERSION AND DELIVERY SYSTEM

1. Point(s) of Diversion:

Ident No.	Gov't Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
			SE	NE	1	09S	16E	Jerome	GPS TAG# D0002045

2. Place(s) of Use:

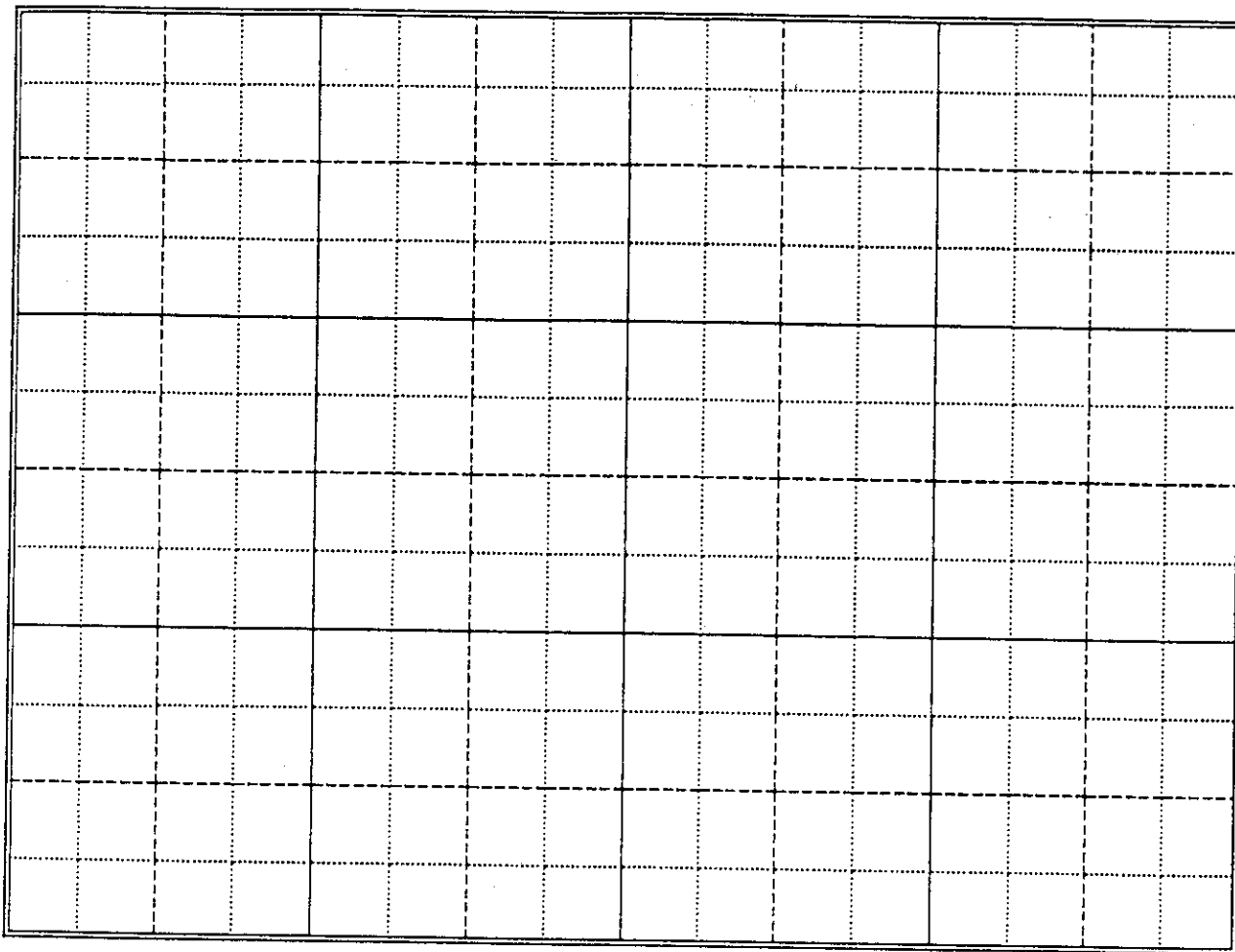
Indicate Method of Determination GIS

TWP	RGE	SEC	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
09S	16E	1																	

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



Scale: 1" = _____



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	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
D0002045		7.5		STA-RITE	
Old Well		5		Red Jacket	

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

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D. FLOW MEASUREMENTS

1.

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

2. Measurements: Cindy Hedges from Boise measured this well for the measurement district. I included her report and used her measurement for my recommendation.

E. NARRATIVE/REMARKS/COMMENTS

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

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DEC 10 2 2001

F. FLOW CALCULATIONS

Measured Method:

☒ Additional Computation Sheets Attached

Cindy's Measurement $\rightarrow \frac{22.2 \text{ gpm}}{448.83} = 0.05 \text{ cfs}$

Dairy Meter $\rightarrow \frac{23.4}{448.83} = 0.05 \text{ cfs}$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$ _____

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

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

2. Volume Calculations for Other Uses:

Dairy Water Use Worksheet

Stockwater $\rightarrow 16.1$

Commercial $\rightarrow \frac{2.9}{19.0 \text{ afa}}$

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Stockwater	1/1	12/31	0.05	16.1
Commercial	1/1	12/31	0.01	2.9
Totals:			0.05	19.0

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 Amanda Johnson Date 3/21/01

Reviewer _____ Date _____

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SEAL

OCT 02 2001

E. NARRATIVE/REMARKS/COMMENTS**FILE:** 36-8517**FROM:** Amanda Folsom**DATE:** February 6, 2001

RECEIVED

MAR 28 2001

Department of Water Resources

John Freitag and I conducted two exams on January 14, 2000, for Aardema Dairies. Mr. Ron Aardema assisted with these exams, however, he ran out of time to take us to this dairy. He went ahead and gave us permission to conduct the exam. The Aardema's rent this dairy to other users along with a small house next to the dairy. The house and dairy use the same well. The domestic use is covered under water right 36-14657, along with 0.02cfs for stockwater.

There are two wells on the property to date. Both wells are connected, but according to Ron Aardema, the older well is used as a backup if needed. The older well has a 5hp Red Jacket pump, the newer well has a 7.5hp STA-RITE pump. The meter was not operating at the time of the exam, and I didn't have the right equipment at the time to take a measurement. Since my exam, Cindy Hodges from the state office measured this well for the measurement district. She recorded a measurement of 22.2gpm while the system was operating. The meter in the barn was about 5% off of Cindy's flowmeter, recording 23.4gpm.

I used the Dairy Water Use Worksheet to calculate the volume needed for the dairy. I included a copy of the Excel worksheet with this report. Also, in light of the fact that water right 36-14657 shares the same point of diversion, I recommend that when these two rights are combined, they be limited to 0.05cfs.

Stockwater	0.05cfs	16.1afa
Commercial	0.01cfs	2.9afa
Total	0.05cfs	19.0afa

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MAR 28 2001

FILE NUMBER 36-08517
REVIEWER AF

DAIRIES: WATER USE WORKSHEET

REQUIRED DAIRY DATA

NUMBER OF MILKING CATTLE 400
NUMBER OF DRY CATTLE 100
NUMBER OF REPLACEMENT CATTLE: 0-2 MONTHS 0
3-4 MONTHS 0
5-8 MONTHS 50
9-12 MONTHS 50
13-15 MONTHS 50
16-24 MONTHS 50
ENTER 1 FOR MANUAL COW WASHING, 2 FOR AUTOMATIC, OR 3 IF
SPRINKLERS ARE USED TO FLUSH HOLDING PEN AND WASH COWS 1
IF SPRINKLERS ARE USED: NUMBER OF SPRINKLERS IN HOLDING PEN 0
NOZZLE DISCHARGE (USE 5.0 GPM IF UNKNOWN) 0.00
OPERATION TIME OF SPRINKLERS (MIN/DAY) 0
NUMBER OF MILKINGS PER DAY 2
AVG. LBS. OF MILK PRODUCED PER DAY PER ANIMAL (IDAHO AVG IS 70 LBS.) 70
HOURS PER DAY PUMP OPERATES FOR STOCKWATER USE 12.0
HOURS PER DAY PUMP OPERATES FOR COMMERCIAL USE 12.0
IS RECYCLED WATER USED TO FLUSH MILKHOUSE AND PARLOR FLOORS? N
IS RECYCLED WATER USED TO WASH COWS? N
IS A PLATE COOLER USED? N
IS RECYCLED WATER USED FOR PLATE COOLER? (IF NO PLATE COOLER,
LEAVE BLANK) N
IF CORRAL MISTERS ARE USED: NUMBER OF MISTERS IN HOLDING PEN 0
NOZZLE DISCHARGE (GPM) 0.00
OPERATION TIME OF MISTERS (MIN/DAY) 0
DAYS PER YEAR MISTERS ARE USED 0

CALCULATIONS

DIVERSION RATE (CFS):

STOCKWATER
MILKING CATTLE (BASED ON MILK PRODUCTION) 0.04
DRY CATTLE @17.0 GPD/HD 0.01
REPLACEMENT CATTLE 0.01
TOTAL 0.06

COMMERCIAL
TOTAL 0.01

TOTAL DIVERSION RATE 0.06

DIVERSION VOLUME (AFA):

STOCKWATER
MILKING CATTLE 12.9
DRY CATTLE 1.5
REPLACEMENT CATTLE 1.7
TOTAL 16.1

COMMERCIAL
WASHING OF BULK TANK AND RELATED EQUIPMENT 0.4
BACKFLUSH 0.4
PARLOR/MILKHOUSE/HOLDING PEN CLEANUP 2.0
CATTLE WASHING BASED UPON METHOD OF WASHING 0.4
PLATE COOLER 0.0
CORRAL MISTERS 0.0
TOTAL 2.9

TOTAL DIVERSION VOLUME 19.0

CONSUMPTIVE USE VOLUME (AFA)(assuming 100% consumptive):

STOCKWATER 16.1
COMMERCIAL 2.9
TOTAL CONSUMPTIVE USE 19.0

THEORETICAL FLOW ESTIMATION WORKSHEET

REQUIRED PUMP INFORMATION

	PUMP 1	PUMP 2	PUMP 3	PUMP 4	PUMP 5
PUMP HORSEPOWER (HP)	0.00	0.00	0.00	0.00	0.00
LIFT (FT)	0	0	0	0	0
DISCHARGE PRESSURE (PSI)	0	0	0	0	0
FRICTION LOSSES (FT)	0.0	0.0	0.0	0.0	0.0
HOURS PER DAY PUMP OPERATES	0.0	0.0	0.0	0.0	0.0

CALCULATIONS

THEORETICAL FLOW RATE (CFS) *	0.00	0.00	0.00	0.00	0.00
DIVERSION VOLUME (AFA) **	0.0	0.0	0.0	0.0	0.0

* PUMP EFFICIENCY WAS ASSUMED TO BE 70%.

** DIVERSION VOLUME IS THE ABSOLUTE MAXIMUM VOLUME BASED ON THE
THEORETICAL FLOW RATE ASSUMING PUMP RUNS EVERY DAY OF THE YEAR.

EVALUATION OF EQUIVALENT IRRIGATED ACREAGE

IRRIGATION RIGHT (BEFORE CHANGE)

DIVERSION RATE	0.00 CFS
ACRES OF IRRIGATION	0.0 ACRES
DIVERSION VOLUME	0.0 AC-FT/AC
CONSUMPTIVE USE VOLUME	0.0 AC-FT/AC

IRRIGATION IS BEING CONVERTED FOR WHICH PORTION OF THE
DAIRY OPERATION - STOCKWATER (S), COMMERCIAL (C), OR
BOTH (B)?

CALCULATIONS

IRRIGATION DIVERSION RATE PER ACRE	#DIV/01	CFS/AC
REDUCTION OF IRRIGATION BASED ON DIVERSION RATE	0.0	ACRES
REDUCTION OF IRRIGATION BASED ON DIVERSION VOLUME	0.0	ACRES
REDUCTION OF IRRIGATION BASED ON CONSUMPTIVE USE	0.0	ACRES

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Water Level Data

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

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

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

Date _____

Date _____

FLOWMETER ACCURACY CALIBRATION TABLE

Owners meter (totalizer reading)	Time	Total Gallons	Ave. Flow Rate - GPM (M ₁)	Standard total gallons	Average flow rate (M ₂)	Percent diff. (±)	Comments and adjustments
4299720	0						
4299960	10.25	240	23.4	222	22.2	+5.4%	

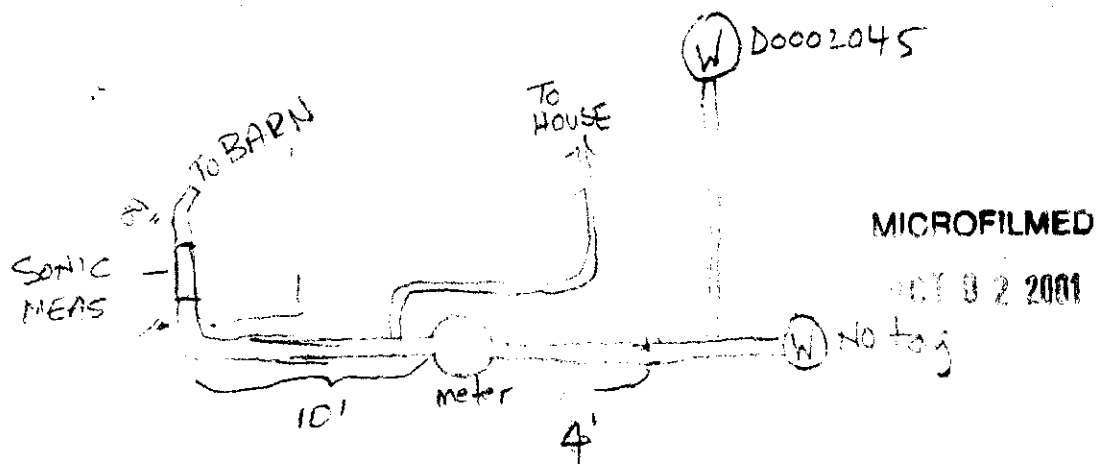
Notes, Comments or Calculations:

Signal = 3 Sound speed 4812

Flowmeter somewhat oversized for application

Single meter on 2 wells, measure in barn, in tank room

Sketch and or photograph of installation:



I certify that the above information is true and correct to the best of my knowledge and ability and the measurements taken and recorded are in accordance with the standards and specifications of the equipment used.

Signature _____
(person performing measurements)

Date _____

Aardema Dairies - Golf Course Road shared meter

LOG NAME:D0002045

START :10-11 10:37

END :10-11 10:47

INTERVAL:00:01:00

10/11/00 10:37	10/11/00 10:43
+3.236E+0 ft/s	+1.913E+0 ft/s
+3.460E+1 gal/m	+2.046E+1 gal/m
+TOTAL 0000000 gal	+TOTAL 0000140 gal
NORMAL	NORMAL

10/11/00 10:38	10/11/00 10:44
+2.528E+0 ft/s	+1.929E+0 ft/s
+2.703E+1 gal/m	+2.062E+1 gal/m
+TOTAL 0000034 gal	+TOTAL 0000160 gal
NORMAL	NORMAL

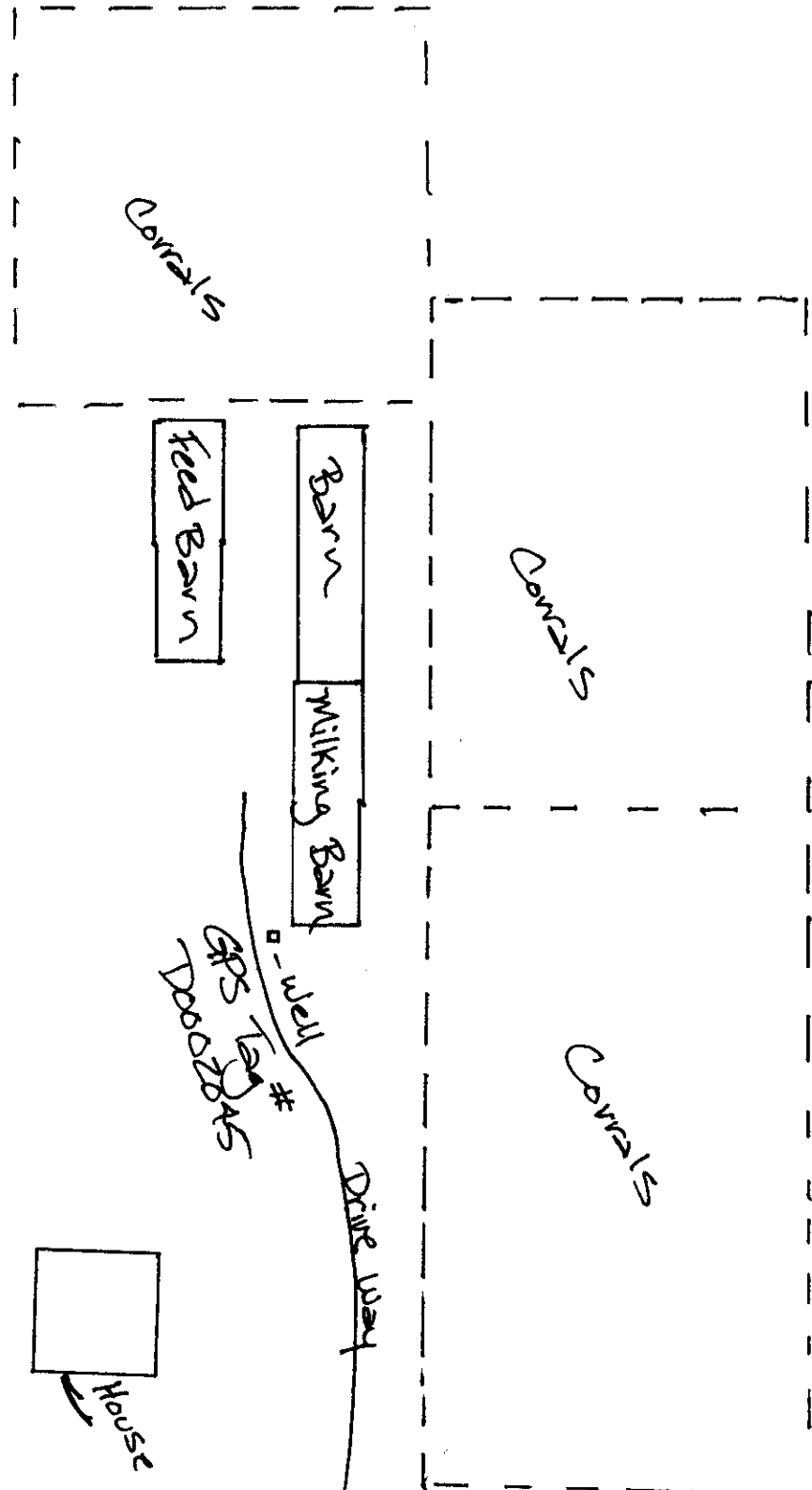
10/11/00 10:39	10/11/00 10:45
+1.650E+0 ft/s	+1.899E+0 ft/s
+1.764E+1 gal/m	+2.030E+1 gal/m
+TOTAL 0000053 gal	+TOTAL 0000181 gal
NORMAL	NORMAL

10/11/00 10:40	10/11/00 10:46
+2.049E+0 ft/s	+1.946E+0 ft/s
+2.191E+1 gal/m	+2.081E+1 gal/m
+TOTAL 0000071 gal	+TOTAL 0000201 gal
NORMAL	NORMAL

10/11/00 10:41	10/11/00 10:47
+2.230E+0 ft/s	+1.904E+0 ft/s
+2.384E+1 gal/m	+2.036E+1 gal/m
+TOTAL 0000094 gal	+TOTAL 0000222 gal
NORMAL	NORMAL

10/11/00 10:42	AVG FLOW	22.2 GPM
+2.180E+0 ft/s		0.05 CFS
+2.331E+1 gal/m		
+TOTAL 0000118 gal		
NORMAL		

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Corrals

Corrals

Corrals

Corrals

Barn

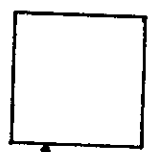
Milking Barn

Feed Barn

Well #

GPS TAGS

Drive Way



House

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OCT 02 2001

Jerome Rd.

36-08517

N

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Water Measurement Program

1998 WATER MEASURING DEVICE CERTIFICATION

District WM Inventory Date 11/11/11 Inventory Examiner _____ PCC ok? Yes/No

Date of test 16-11-2000 Person performing test cyh Exam complete? Yes / no

Name: Aardema Dairies

Water Right No: _____

Legal Description: T 9S R 16E Sec. 1 NE 1/4 SE 1/4 NE 1/4

Site Tag No: D0002045

Diversion Name: Golf Course Rd North/South wells

Prob. 4.5

400836 (North)

WMD20000022
(South)

Current Owner

Name _____ Phone _____
Last First MI

Address _____ City _____ State _____ Zip _____

Operator (if leased or operated by someone else)

Name _____ Phone _____
Last First MI

SECTION I WELL SITE IDENTIFICATION

* S. well has no tag

Global Positioning System Data:

<i>Data Collection Filename</i>	<i>Offset</i>
---------------------------------	---------------

IDWR Site Tag Identification No. 20002045 (N.Well) *

Site Tag location description:

PLS/USGS Locator _____

Diversion Name: _____

For Department/District Use Only

Received by _____ Date _____

Reviewed by _____ Date _____

Data Entry by OK Date 10-10-00

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021 0 2 2001

SECTION II INSTALLED METER INFORMATION

METER AND MOUNTING PIPE INFORMATION			
Motor HP	7	Volume Units	Acre-Feet ☒ Gallons Other(specify)
Meter Install Date	97	Volume Multiplier	10
Manufacturer	McCrometer	Installation location	Excl Good ☒ Fair Poor
Meter Type	prop	Pipe material	Galv
Meter Model		Outside Diameter	2.39
Serial Number	97 7267 2	Wall Thickness	.15
Size (nominal)	4?	Inside Diameter	IDWD OWNER
Measure Flow Rate?	(circle one) Yes ☒ No	Dist. of straight pipe upstream from meter	3' 3'
Measurement Units	(circle one) CFS ☒ GPM Other(specify)	Dist. of Straight pipe downstream from meter	.5 .5
Flow rate Multiplier	1	Std Meter Type	Sonic Pyg Collins Hall Anub Dye/chem Other
Measure Cumulative Volume?	(circle one) Yes ☒ No	Std. Meter Confidence	Excl ☒ Good ☒ Fair ☒ Poor ☒ 2% 5% 10% >10% X

Are multiple flowmeters used to measure diversions from this well? Yes / No

If so, how many? _____ (Attach separate form for each meter checked and/or calibrated)

If this meter measures diversions from multiple wells, names and locations of other wells: _____

SECTION III CERTIFICATION FOR CALIBRATION OF A WATER MEASUREMENT METER

See back page for instructions.

Measurement No. 1 (M_1) is the measured rate of flow from the permanently installed flow meter.

Measurement No. 2 (M_2) is the measured rate of flow from the measuring device being used to check the flow for the calibration. This method or device must be accurate to within $\pm 5\%$ error. **Describe** below the method and equipment used to perform this measurement.

$$\text{Percent Difference} = (M_1 - M_2) \div M_2 \times 100 = \pm \% \quad (\text{Acceptable is within } \pm 10\%) \quad (\text{equation 1})$$

$$\text{Calibration Multiplier} = M_2 \div M_1 \quad (\text{equation 2})$$

Is flowmeter installed according to manufacturer's specifications? Yes / No / Unsure

Describe any apparent problems with installation or operation _____

Flowmeter accuracy prior to any adjustments: _____ Totalizer reading _____

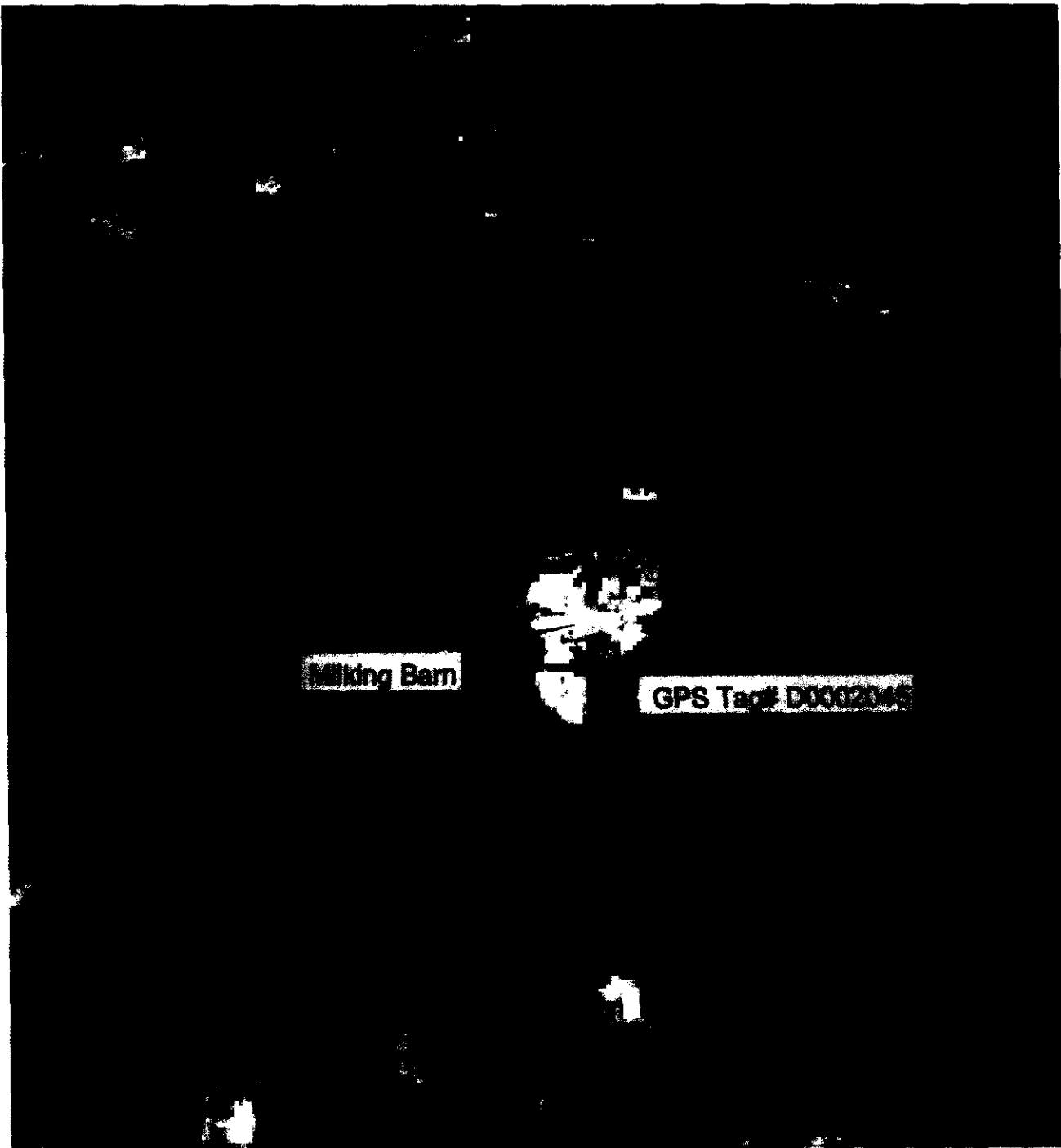
Flowmeter accuracy after final adjustment: _____ Totalizer reading _____

Flowmeter calibration multiplier: _____

Idaho Department of Water Resource
Recommendation for Permit 36-08517
Aardema Dairy
c/o Ron Aardema

T09S

R16E



● Points of Diversion

□ Quarter-quarter Lines

□ Section Lines

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Point of Diversion
T09S R16E S1
Data entry on Jan 19, 2000

Point of Diversion Presentation
1987/1988 NAPP Photography
Data Entry By: Amanda Folsom

Idaho Department of Water Resource
Recommendation for Permit

36-08517 & -08398

Aardema Dairy

c/o Ron Aardema

T09S

R16E



● Points of Diversion

□ Quarter-quarter Lines

□ Section Lines

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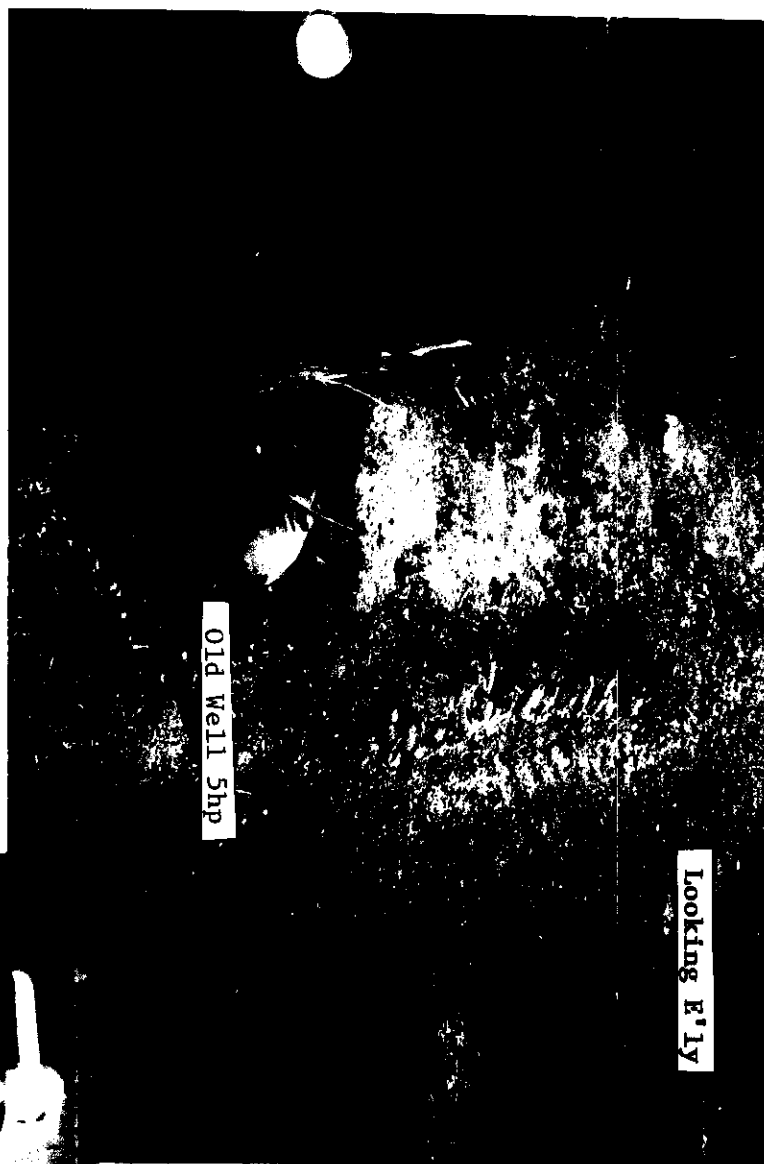
OCT 02 2001



Point of Diversion
T09S R16E S3 & S1

Data entry on Jan 19, 2000

Point of Diversion Presentation
1987/1988 NAPP Photography
Data Entry By: Amanda Folsom



Old Well Shp

Looking E'ly

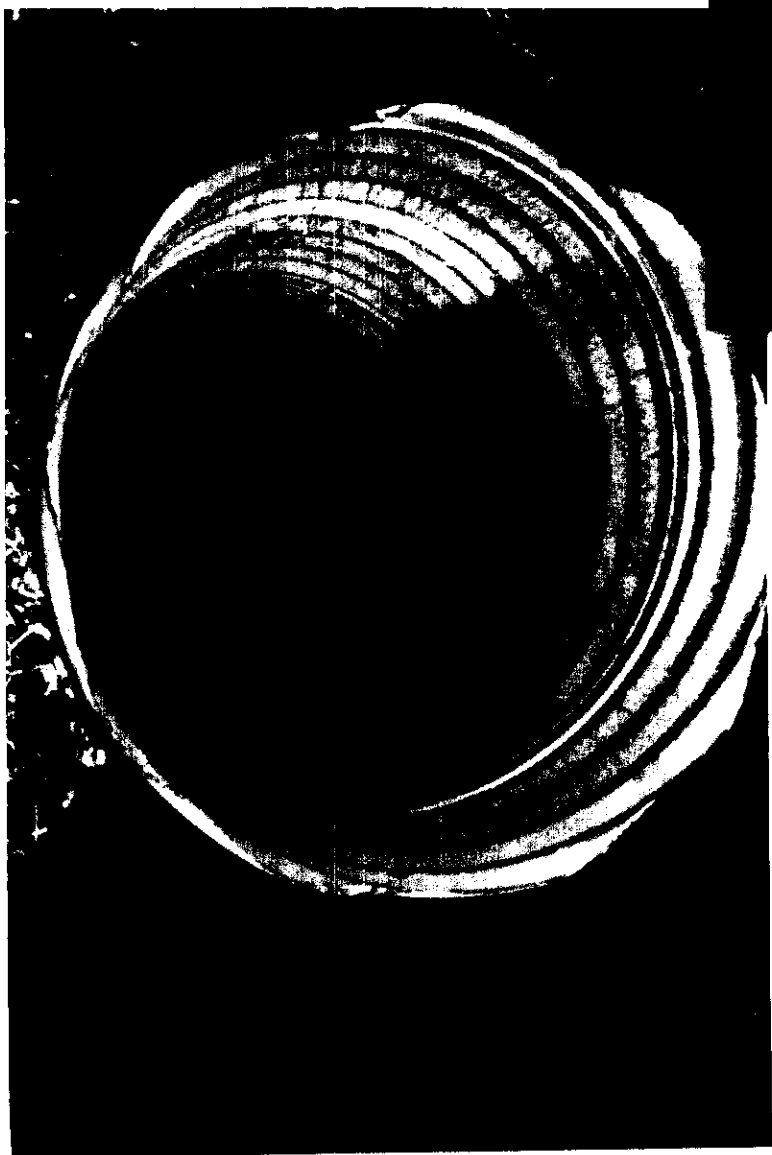


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OCT 02 2001

Aardema Dairy
c/o Ron Aardema
FE: Amanda Folsom
Date: Jan 14, 2000

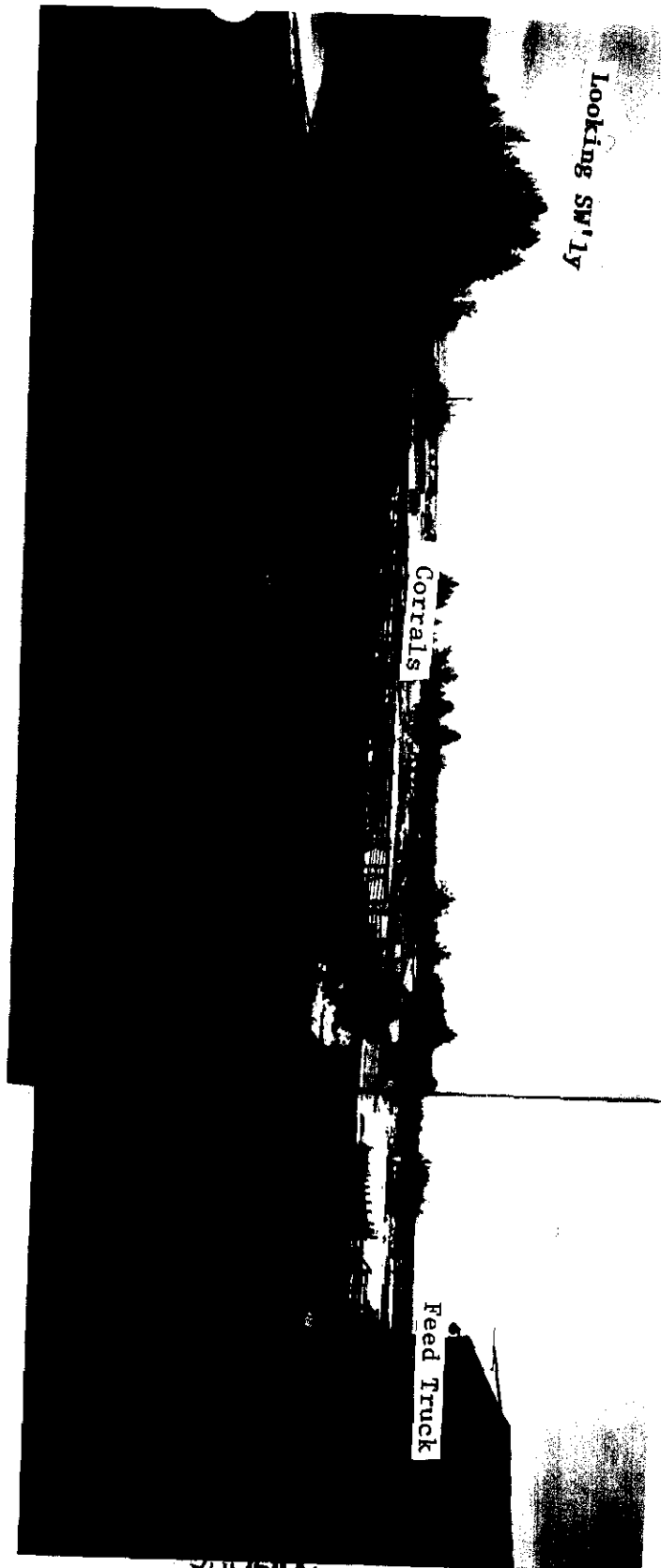
36-08517



MICROFILMED
OCT 02 2001

Aardema Dairy
c/o Ron Aardema
FE: Amanda Folsom
Date: Jan 14, 2000

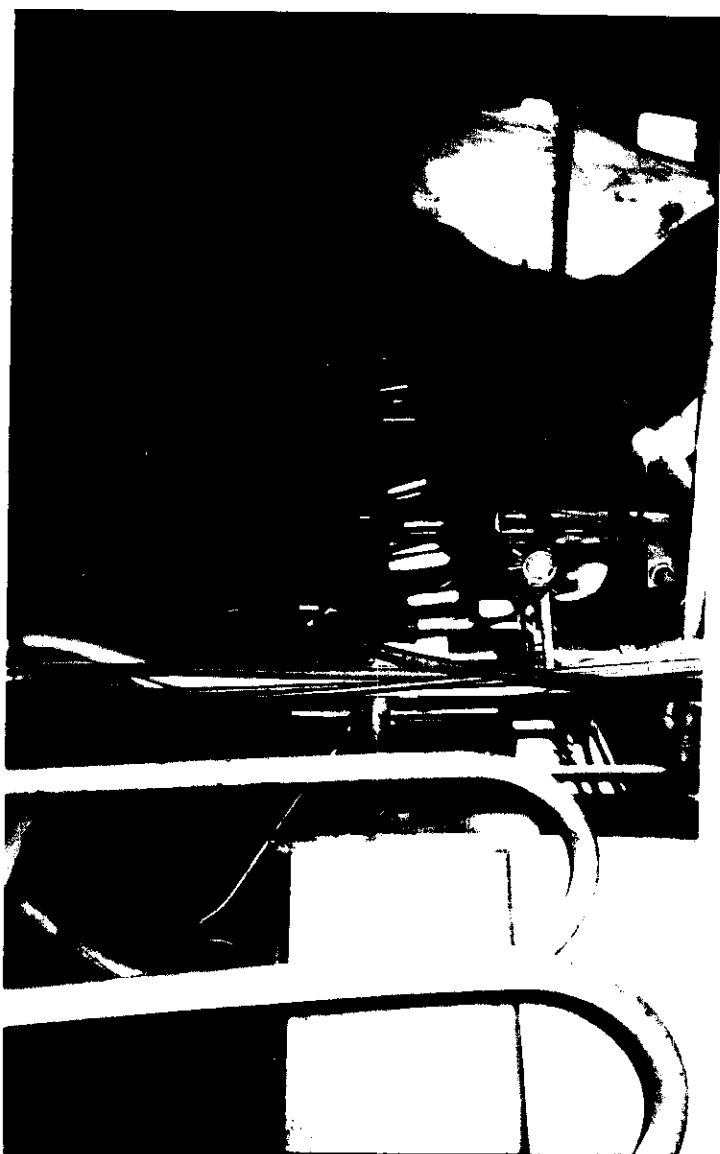
36-08517



SHO FILMED
OCT 6 2 2001

Aardema Dairy
c/o Ron Aardema
FE: Amanda Folsom
Date: Jan 14, 2000

36-08517



MICROFILMED
OCT 02 2001

Aardema Dairy
c/o Ron Aardema
FE: Amanda Folsom
Date: Jan 14, 2000

36-08517

IDAHO DEPARTMENT OF WATER RESOURCES

WELL DRILLER'S REPORT

Use Typewriter or Ballpoint Pen

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

1. DRILLING PERMIT NO. 36-97-S-0081-200Other IDWR No. 36-085172. OWNER: TAG 0002045Name AAARDEMA DAIRYAddress 400 S 144 WCity Jerome State Id Zip 83338

3. LOCATION OF WELL by legal description:

Sketch map location must agree with written location.

N		Twp. <u>9</u>		North ☐ or South ☒	
E		Rge. <u>16</u>		East ☒ or West ☐	
S		Sec. <u>1</u>		1/4 <u>SE</u> 1/4 <u>NE</u> 1/4	
		Gov't Lot _____		County <u>Jerome</u>	
		Lat: _____		Long: _____	
		Address of Well Site _____		City <u>Jerome</u>	

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

Lt. _____ Blk. _____ Sub. Name _____

4. USE:

- ☐ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☒ Other Stock

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

- ☒ New Well ☐ Modify ☐ Abandonment ☐ Other _____

6. DRILL METHOD

- ☒ Air Rotary ☐ Cable ☐ Mud Rotary ☒ Other Casing HAM.

7. SEALING PROCEDURES

SEAL/FILTER PACK			AMOUNT	METHOD
Material	From	To	Sacks or Pounds	
<u>Bentonite</u>	<u>0</u>	<u>204</u>	<u>2250</u>	

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
<u>8</u>	<u>1</u>	<u>239</u>	<u>25</u>	<u>Steel</u>	☒	☐	☒	☐

Length of Headpipe 1' 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:

199 ft. below ground Artesian pressure _____ lb.

Depth flow encountered _____ ft. Describe access port or

control devices: Well Cap

11. WELL TESTS:

- ☐ Pump ☐ Bailor ☐ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time

Water Temp. 85° Bottom hole temp. _____

Water Quality test or comments: _____

Depth first Water Encountered _____

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Y	N
<u>12</u>	<u>0</u>	<u>4</u>	<u>Top Soil</u>		
<u>4</u>	<u>62</u>	<u>62</u>	<u>BS1 LAUA</u>		
<u>62</u>	<u>68</u>	<u>68</u>	<u>Red + bl Ash</u>		
<u>68</u>	<u>84</u>	<u>84</u>	<u>Br Clay</u>		
<u>84</u>	<u>118</u>	<u>118</u>	<u>II "</u>		
<u>118</u>	<u>121</u>	<u>121</u>	<u>Tan Clay</u>		
<u>121</u>	<u>160</u>	<u>160</u>	<u>Dr Sandy Clay</u>		
<u>160</u>	<u>200</u>	<u>200</u>	<u>21 Cinders + bl Sand</u>	☒	
<u>200</u>	<u>240</u>	<u>240</u>	<u>21 Cinders base bouldery</u>	☒	
<u>240</u>	<u>244</u>	<u>244</u>	<u>HARD 21 LAUA</u>		
<u>244</u>	<u>254</u>	<u>254</u>	<u>21 loose Cinders</u>	☒	

JUL 23 1997

MICROFILMED

Completed Depth 251 (Measurable)
Date: Started 7-1-97 Completed 7-3-97

13. DRILLER'S CERTIFICATION

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

Firm Name Eaton Drilling Firm No. 26Firm Official Loy Phelps Date 7-9-97and Supervisor or Operator Don Coy Date 7-7-97

(Sign once if Firm Official & Operator)

FORWARD WHITE COPY TO WATER RESOURCES

WR0749NP
No. 36-14657

IDAHO DEPARTMENT OF WATER RESOURCES
WATER RIGHT PROFILE REPORT

DATE: 08/03/00
PAGE: 1

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM TO	DIVERSION RATE	DIVERSION VOLUME
C	AARDEMA DAIRIES	04/30/1941	STOCKWATER DOMESTIC	01/01 12/31 01/01 12/31	0.020 CFS 0.040 CFS	
TOTAL DIVERSION:					0.060 CFS	

Water Source: GROUNDWATER

Tributary to:

Stage: DECREEED

Point(s) of Diversion: T09S R16E S01 NESENE JEROME County

Place of use Legal Description for: STOCKWATER

NE				NW				SW				SE											
T	R	S		NENE	NWNE	SWNE	SENE	:	NENW	NWNW	SWNW	SENW	:	NESW	NWSW	SWSW	SESW	:	NESE	NWSE	SWSE	SESE	:
				Lt	Ac	Lt	Ac		Lt	Ac	Lt	Ac		Lt	Ac	Lt	Ac		Lt	Ac	Lt	Ac	
09S	16E	1	:					:					:					:					:

Place of use Legal Description for: DOMESTIC

T	R	S						:					:					:					:
				Lt	Ac	Lt	Ac		Lt	Ac	Lt	Ac		Lt	Ac	Lt	Ac		Lt	Ac	Lt	Ac	
09S	16E	1	:					:					:					:					:

Pou County: JEROME

Other Water Rights with Same Point(s) of Diversion with Stage (Includes All Sources):
36-08517 36-14128

Conditions of Approval:

- N11 - THE QUANTITY OF WATER DECREEED FOR THIS WATER RIGHT IS NOT A
- DETERMINATION OF HISTORICAL BENEFICIAL USE.
- N13 - THE QUANTITY OF WATER UNDER THIS RIGHT SHALL NOT EXCEED 13,000
- GALLONS PER DAY.

Remarks: EXP PARCEL NO. RL09S16E011202
STOCKWATER/100 DAIRY CATTLE

Dates: App. Received: Priority Date: 04/30/1941
Proof Due Date: Proof Made Date:
Exam Made Date: Exam Sent to S.O.:
Licensed Date:

Misc: Water District Number: Field Exam Fee:

Comments: Date: 10/02/1996 User-ID: D&S-DSHA Subject: D&S CONDITION CODE UPDATE
CONDITION CODE N11 ADDED
CONDITION CODE N13 ADDED

Audit: 09/30/96 DSHAFF 10/02/96 D&S-DSHA 10/15/96 JROBERTS 12/13/96 PD-DSHAF

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OCT 02 2001

WR0749NP
No. 36-14657

IDAHO DEPARTMENT OF WATER RESOURCES
WATER RIGHT PROFILE REPORT

DATE: 08/03/00
PAGE: 2

Audit: 04/30/98 DECREED

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OCT 02 2001

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

36-68517
Permit No.

Staff Analysis Sheet
for
Beneficial Use Field Report

A. Prior to Conducting the Exam, the File Contains:

- ☒ Blank Field Report Form
- ☒ Copy of Permit
- ☒ Copies of any Amendments/Orders with conditions of approval
- ☒ Computer Data Proof Report
- ☒ Copy of U.S.G.S. Quad
- ☒ Check for Government Lots. If so, make a copy of Government Plat

Check of P/D index _____ (Initial and date)

Overlap? ☐ yes ☐ no If yes: ☐ copy of exam(s) attached?

Type of Overlap? ☐ Add acres or uses to existing system

☐ Increase rate of flow or volume

☐ Other: _____

Check of P/U index _____ (Initial and date)

Overlap? ☐ yes ☐ no If yes: ☐ copy of water right(s) attached?

Type of Overlap? ☐ Increase rate of flow or volume

☐ Add P/D's

☐ Increase number of acres within tracts

☐ Other: _____

Aerial Photo

Required? ☐ yes ☐ no If yes: ☐ copy attached?

Scheduling Letter sent? _____ (Initial and date)

☐ Appointment made and telephone conversation memo attached

B. After Conducting the Exam, the File Contains:

- ☐ Fully completed and signed Field Report Form
- ☐ Photographs of Point of Diversion and Place of Use
- ☐ Corrected Computer Data Proof Report with recommended license information, and date and signature of examiner.

C. Review and Processing:

Exam Completed 2/6/01 af. (Signature of examiner and date)

Exam Reviewed by Senior Water Resource Agent _____ (Initial and date)

Exam Reviewed by Manager of Regional Office DKM 3/26/01 (Initial and date)

Exam Date Entered in Computer _____ (Initial and date)

Exam sent to State Office _____ (Initial and date)

Copy of Staff Analysis Sheet sent to Manager of Regional Office and Original
Refiled in White File _____ (Initial and date)



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, P.O. Box 83720, Boise, Idaho 83720-0098
Phone: (208) 327-7900 FAX: (208) 327-7866

PHILIP E. BATT
GOVERNOR

R. KEITH HIGGINSON
DIRECTOR

April 3, 1995

Mr. Ron Aardema
Aardema Dairies
132-A W 500 S
Jerome, ID 83338

Re: Measurement waiver for water right numbers 36-08021, 36-08169, 36-08517

Dear Mr. Aardema:

I have received your request for waiver from the measurement requirement for water right numbers 36-08021, 36-08169, and 36-08517. You have supplied pump characteristic curves for these pumps which shows pumping designs below 90 gallons per minute (0.20 cfs). Based on this information, you will not be required to measure water diversions under these rights during 1995. The following is my understanding of the pumps used to deliver these rights:

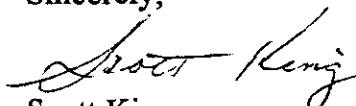
Right number 36-08021 is diverted with a 7.5-hp submersible pump designed for 85 gpm.

Right number 36-08169 is diverted with a 7.5-hp submersible pump designed for 85 gpm. A 5-hp submersible is used for backup, and has a capacity less than the 7.5-hp pump.

Right number ~~36-08517~~ is diverted with a 5-hp submersible pump designed for 55 gpm.

The water measurement statute requires measurement of all diversions except small domestic and stockwater uses below 13,000 gallons per day. During 1995, the Department is not requiring measurement of uses diverting 0.20 cfs or less or irrigation of 5 acres or less, but may require measurement of uses exceeding 13,000 gallons per day or irrigation uses exceeding one-half acre in the future. The diversion rate of the pumps currently installed falls between 13,000 gallons per day and 0.20 cfs. You may be required to measure these diversions in future years.

Sincerely,


Scott King

MICROFILMED
OCT 02 2001

cc: Southern Region, Permit Processing

~ Celebrating Our Centennial Year of Service to Idaho 1895-1995 ~

4/3/95

Mel

for 0.26 cfs

36-08517 is a Permit. We
are waiving measurement, ~~but~~
based on pump curve supplied
by Ron Aardema (Enclosed).
You may want to put this
in his file. *Scott King*

AARDEMA DAIRY

FAX TRANSMISSION SHEET

TO FAX NO. 208 327 7866FROM FAX NO. 208 324-7328TO: Dept of Water ResourcesATTENTION: Scott KingFROM: Aardema Dairy Ron Aardema 736 6313
(NAME AND PHONE NUMBER)NO. OF PAGES 5IF YOU DO NOT RECEIVE ALL PAGES OR TRANSCRIPT IS ILLEGIBLE, PLEASE
PHONE OR TELETYPE THE SENDER IMMEDIATELY.MEMO Pump Curves as requested

(AUTHORIZED SIGNATURE)

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OCT 02 2001

BIG-FLO®

PAGE: 2-8

EFFECTIVE: SEPTEMBER 1, 1987

Att Scott King

3608517

**RED JACKET
PUMPS**

A Marley Pump Company

55 GPM SERIES "LB" PUMPSAardema 3" 3 1/2" 5 2" Pipe 231 11/2 (1978)
189**PERFORMANCE**

The pump and motor of the "LB" series are most efficient at 55 GPM. This should be considered when selecting the desired model. Performances shown do not include pipe friction.

55 GPM SERIES "LB" PERFORMANCE TABLE
Recommended Operating Ranges

CAPACITY IN GALLONS PER MINUTE AGAINST DISCHARGE PRESSURES SHOWN

PUMP NO.	0 L.B.								20 L.B.								40 L.B.								60 L.B.								80 L.B.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
	2 1/2"	3"	3 1/2"	4"	4 1/2"	5"	5 1/2"	6"	6 1/2"	7"	7 1/2"	8"	8 1/2"	9"	9 1/2"	10"	10 1/2"	11"	11 1/2"	12"	12 1/2"	13"	13 1/2"	14"	14 1/2"	15"	15 1/2"	16"	16 1/2"	17"	17 1/2"	18"	18 1/2"	19"	19 1/2"	20"	20 1/2"	21"	21 1/2"	22"	22 1/2"	23"	23 1/2"	24"	24 1/2"	25"	25 1/2"	26"	26 1/2"	27"	27 1/2"	28"	28 1/2"	29"	29 1/2"	30"	30 1/2"	31"	31 1/2"	32"	32 1/2"	33"	33 1/2"	34"	34 1/2"	35"	35 1/2"	36"	36 1/2"	37"	37 1/2"	38"	38 1/2"	39"	39 1/2"	40"	40 1/2"	41"	41 1/2"	42"	42 1/2"	43"	43 1/2"	44"	44 1/2"	45"	45 1/2"	46"	46 1/2"	47"	47 1/2"	48"	48 1/2"	49"	49 1/2"	50"	50 1/2"	51"	51 1/2"	52"	52 1/2"	53"	53 1/2"	54"	54 1/2"	55"	55 1/2"	56"	56 1/2"	57"	57 1/2"	58"	58 1/2"	59"	59 1/2"	60"	60 1/2"	61"	61 1/2"	62"	62 1/2"	63"	63 1/2"	64"	64 1/2"	65"	65 1/2"	66"	66 1/2"	67"	67 1/2"	68"	68 1/2"	69"	69 1/2"	70"	70 1/2"	71"	71 1/2"	72"	72 1/2"	73"	73 1/2"	74"	74 1/2"	75"	75 1/2"	76"	76 1/2"	77"	77 1/2"	78"	78 1/2"	79"	79 1/2"	80"	80 1/2"	81"	81 1/2"	82"	82 1/2"	83"	83 1/2"	84"	84 1/2"	85"	85 1/2"	86"	86 1/2"	87"	87 1/2"	88"	88 1/2"	89"	89 1/2"	90"	90 1/2"	91"	91 1/2"	92"	92 1/2"	93"	93 1/2"	94"	94 1/2"	95"	95 1/2"	96"	96 1/2"	97"	97 1/2"	98"	98 1/2"	99"	99 1/2"	100"	100 1/2"	101"	101 1/2"	102"	102 1/2"	103"	103 1/2"	104"	104 1/2"	105"	105 1/2"	106"	106 1/2"	107"	107 1/2"	108"	108 1/2"	109"	109 1/2"	110"	110 1/2"	111"	111 1/2"	112"	112 1/2"	113"	113 1/2"	114"	114 1/2"	115"	115 1/2"	116"	116 1/2"	117"	117 1/2"	118"	118 1/2"	119"	119 1/2"	120"	120 1/2"	121"	121 1/2"	122"	122 1/2"	123"	123 1/2"	124"	124 1/2"	125"	125 1/2"	126"	126 1/2"	127"	127 1/2"	128"	128 1/2"	129"	129 1/2"	130"	130 1/2"	131"	131 1/2"	132"	132 1/2"	133"	133 1/2"	134"	134 1/2"	135"	135 1/2"	136"	136 1/2"	137"	137 1/2"	138"	138 1/2"	139"	139 1/2"	140"	140 1/2"	141"	141 1/2"	142"	142 1/2"	143"	143 1/2"	144"	144 1/2"	145"	145 1/2"	146"	146 1/2"	147"	147 1/2"	148"	148 1/2"	149"	149 1/2"	150"	150 1/2"	151"	151 1/2"	152"	152 1/2"	153"	153 1/2"	154"	154 1/2"	155"	155 1/2"	156"	156 1/2"	157"	157 1/2"	158"	158 1/2"	159"	159 1/2"	160"	160 1/2"	161"	161 1/2"	162"	162 1/2"	163"	163 1/2"	164"	164 1/2"	165"	165 1/2"	166"	166 1/2"	167"	167 1/2"	168"	168 1/2"	169"	169 1/2"	170"	170 1/2"	171"	171 1/2"	172"	172 1/2"	173"	173 1/2"	174"	174 1/2"	175"	175 1/2"	176"	176 1/2"	177"	177 1/2"	178"	178 1/2"	179"	179 1/2"	180"	180 1/2"	181"	181 1/2"	182"	182 1/2"	183"	183 1/2"	184"	184 1/2"	185"	185 1/2"	186"	186 1/2"	187"	187 1/2"	188"	188 1/2"	189"	189 1/2"	190"	190 1/2"	191"	191 1/2"	192"	192 1/2"	193"	193 1/2"	194"	194 1/2"	195"	195 1/2"	196"	196 1/2"	197"	197 1/2"	198"	198 1/2"	199"	199 1/2"	200"	200 1/2"	201"	201 1/2"	202"	202 1/2"	203"	203 1/2"	204"	204 1/2"	205"	205 1/2"	206"	206 1/2"	207"	207 1/2"	208"	208 1/2"	209"	209 1/2"	210"	210 1/2"	211"	211 1/2"	212"	212 1/2"	213"	213 1/2"	214"	214 1/2"	215"	215 1/2"	216"	216 1/2"	217"	217 1/2"	218"	218 1/2"	219"	219 1/2"	220"	220 1/2"	221"	221 1/2"	222"	222 1/2"	223"	223 1/2"	224"	224 1/2"	225"	225 1/2"	226"	226 1/2"	227"	227 1/2"	228"	228 1/2"	229"	229 1/2"	230"	230 1/2"	231"	231 1/2"	232"	232 1/2"	233"	233 1/2"	234"	234 1/2"	235"	235 1/2"	236"	236 1/2"	237"	237 1/2"	238"	238 1/2"	239"	239 1/2"	240"	240 1/2"	241"	241 1/2"	242"	242 1/2"	243"	243 1/2"	244"	244 1/2"	245"	245 1/2"	246"	246 1/2"	247"	247 1/2"	248"	248 1/2"	249"	249 1/2"	250"	250 1/2"	251"	251 1/2"	252"	252 1/2"	253"	253 1/2"	254"	254 1/2"	255"	255 1/2"	256"	256 1/2"	257"	257 1/2"	258"	258 1/2"	259"	259 1/2"	260"	260 1/2"	261"	261 1/2"	262"	262 1/2"	263"	263 1/2"	264"	264 1/2"	265"	265 1/2"	266"	266 1/2"	267"	267 1/2"	268"	268 1/2"	269"	269 1/2"	270"	270 1/2"	271"	271 1/2"	272"	272 1/2"	273"	273 1/2"	274"	274 1/2"	275"	275 1/2"	276"	276 1/2"	277"	277 1/2"	278"	278 1/2"	279"	279 1/2"	280"	280 1/2"	281"	281 1/2"	282"	282 1/2"	283"	283 1/2"	284"	284 1/2"	285"	285 1/2"	286"	286 1/2"	287"	287 1/2"	288"	288 1/2"	289"	289 1/2"	290"	290 1/2"	291"	291 1/2"	292"	292 1/2"	293"	293 1/2"	294"	294 1/2"	295"	295 1/2"	296"	296 1/2"	297"	297 1/2"	298"	298 1/2"	299"	299 1/2"	300"	300 1/2"	301"	301 1/2"	302"	302 1/2"	303"	303 1/2"	304"	304 1/2"	305"	305 1/2"	306"	306 1/2"	307"	307 1/2"	308"	308 1/2"	309"	309 1/2"	310"	310 1/2"	311"	311 1/2"	312"	312 1/2"	313"	313 1/2"	314"	314 1/2"	315"	315 1/2"	316"	316 1/2"	317"	317 1/2"	318"	318 1/2"	319"	319 1/2"	320"	320 1/2"	321"	321 1/2"	322"	322 1/2"	323"	323 1/2"	324"	324 1/2"	325"	325 1/2"	326"	326 1/2"	327"	327 1/2"	328"	328 1/2"	329"	329 1/2"	330"	330 1/2"	331"	331 1/2"	332"	332 1/2"	333"	333 1/2"	334"	334 1/2"	335"	335 1/2"	336"	336 1/2"	337"	337 1/2"	338"	338 1/2"	339"	339 1/2"	340"	340 1/2"	341"	341 1/2"	342"	342 1/2"	343"	343 1/2"	344"	344 1/2"	345"	345 1/2"	346"	346 1/2"	347"	347 1/2"	348"	348 1/2"	349"	349 1/2"	350"	350 1/2"	351"	351 1/2"	352"	352 1/2"	353"	353 1/2"	354"	354 1/2"	355"	355 1/2"	356"	356 1/2"	357"	357 1/2"	358"	358 1/2"	359"	359 1/2"	360"	360 1/2"	361"	361 1/2"	362"	362 1/2"	363"	363 1/2"	364"	364 1/2"	365"	365 1/2"	366"	366 1/2"	367"	367 1/2"	368"	368 1/2"	369"	369 1/2"	370"	370 1/2"	371"	371 1/2"	372"	372 1/2"	373"	373 1/2"	374"	374 1/2"	375"	375 1/2"	376"	376 1/2"	377"	377 1/2"	378"	378 1/2"	379"	379 1/2"	380"	380 1/2"	381"	381 1/2"	382"	382 1/2"	383"	383 1/2"	384"	384 1/2"	385"	385 1/2"	386"	386 1/2"	387"	387 1/2"	388"	388 1/2"	389"	389 1/2"	390"	390 1/2"	391"	391 1/2"	392"	392 1/2"	393"	393 1/2"	394"	394 1/2"	395"	395 1/2"	396"	396 1/2"	397"	397 1/2"	398"	398 1/2"	399"	399 1/2"	400"	400 1/2"	401"	401 1/2"	402"	402 1/2"	403"	403 1/2"	404"	404 1/2"	405"	405 1/2"	406"	406 1/2"	407"	407 1/2"	408"	408 1/2"	409"	409 1/2"	410"	410 1/2"	411"	411 1/2"	412"	412 1/2"	413"	413 1/2"	414"	414 1/2"	415"	415 1/2"	416"	416 1/2"	417"	417 1/2"	418"	418 1/2"	419"	419 1/2"	420"	420 1/2"	421"	421 1/2"	422"	422 1/2"	423"	423 1/2"	424"	424 1/2"	425"	425 1/2"	426"	426 1/2"	427"	427 1/2"	428"	428 1/2"	429"	429 1/2"	430"	430 1/2"	431"	431 1/2"	432"	432 1/2"	433"	433 1/2"	434"	434 1/2"	435"	435 1/2"	436"	436 1/2"	437"	437 1/2"	438"	438 1/2"	439"	439 1/2"	440"	440 1/2"	441"	441 1/2"	442"	442 1/2"	443"	443 1/2"	444"	444 1/2"	445"	445 1/2"	446"	446 1/2"	447"	447 1/2"	448"	448 1/2"	449"	449 1/2"	450"	450 1/2"	451"	451 1/2"	452"	452 1/2"	453"	453 1/2"	454"	454 1/2"	455"	455 1/2"	456"	456 1/2"	457"	457 1/2"	458"	458 1/2"	459"	459 1/2"	460"	460 1/2"	461"	461 1/2"	462"	462 1/2"	463"	463 1/2"	464"	464 1/2"	465"	465 1/2"	466"	466 1/2"	467"	467 1/2"	468"	468 1/2"	469"	469 1/2"	470"	470 1/2"	471"	471 1/2"	472"	472 1/2"	473"	473 1/2"	474"	474 1/2"	475"	475 1/2"	476"	476 1/2"	477"	477 1/2"	478"	478 1/2"	479"	479 1/2"	480"	480 1/2"	481"	481 1/2"	482"	482 1/2"	483"	483 1/2"	484"	484 1/2"	485"	485 1/2"	486"	486 1/2"	487"	487 1/2"	488"	488 1/2"	489"	489 1/2"	490"	490 1/2"	491"	491 1/2"	492"	492 1/2"	493"	493 1/2"	494"	494 1/2"	495"	495 1/2"	496"	496 1/2"	497"	497 1/2"	498"	498 1/2"	499"	499 1/2"	500"	500 1/2"	501"	501 1/2"	502"	502 1/2"	503"	503 1/2"	504"	504 1/2"	505"	505 1/2"	506"	506 1/2"	507"	507 1/2"	508"	508 1/2"	509"	509 1/2"	510"	510 1/2"	511"	511 1/2"	512"	512 1/2"	513"	513 1/2"	514"	514 1/2"	515"	515 1/2"	516"	516 1/2"	517"	517 1/2"	518"	518 1/2"	519"	519 1/2"	520"	520 1/2"	521"	521 1/2"	522"	522 1/2"	523"	523 1/2"	524"	524 1/2"	525"	525 1/2"	526"	526 1/2"	527"	527 1/2"	528"	528 1/2"	529"	529 1/2"	530"	530 1/2"	531"	531 1/2"	532"	532 1/2"	533"	533 1/2"	534"	534 1/2"	535"	535 1/2"	536"	536 1/2"	537"	537 1/2"	538"	538 1/2"	539"	539 1/2"	540"	540 1/2"	541"	541 1/2"	542"	542 1/2"	543"	543 1/2"	544"	544 1/2"	545"	545 1/2"	546"	546 1/2"	547"	547 1/2"	548"	548 1/2"	549"	549 1/2"	550"	550 1/2"	551"	551 1/2"	552"	552 1/2"	553"	553 1/2"	554"	554 1/2"	555"	555 1/2"	556"	556 1/2"	557"	557 1/2"	558"	558 1/2"	559"	559 1/2"	560"	560 1/2"	561"	561 1/2"	562"	562 1/2"	563"	563 1/2"	564"	564 1/2"	565"	565 1/2"	566"	566 1/2"	567"	567 1/2"	568"	568 1/2"	569"	569 1/2"	570"	570 1/2"	571"	571 1/2"	572"	572 1/2"	573"	573 1/2"	574"	574 1/2"	575"	575 1/2"	576"	576 1/2"	577"	577 1/2"	578"	578 1/2"	579"	579 1/2"	580"	580 1/2"	581"	581 1/2"	582"	582 1/2"	583"	583 1/2"	584"	584 1/2"	585"	585 1/2"	586"	586 1/2"	587"	587 1/2"	588"	588 1/2"	589"	589 1/2"	590"	590 1/2"	591"	591 1/2"	592"	592 1/2"	593"	593 1/2"	594"	594 1/2"	595"	595 1/2"	596"	596 1/2"	597"	597 1/2"	598"	598 1/2"	599"	599 1/2"	600"	600 1/2"	601"	601 1/2"	602"	602 1/2"	603"	603 1/2"	604"	604 1/2"	605"	605 1/2"	606"	606 1/2"	607"


**RED JACKET
PUMPS**

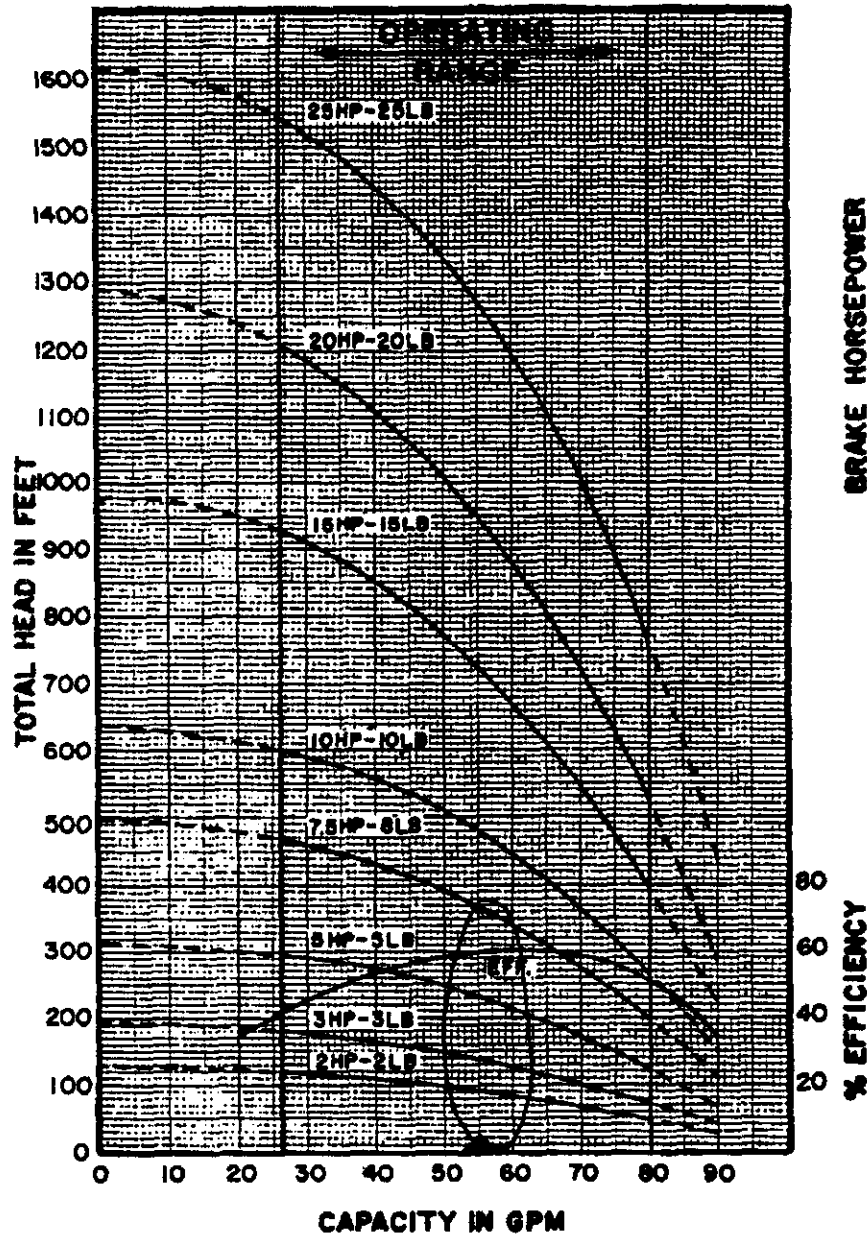
A Marley Pump Company

BIG-FLO®

PAGE: 2-7

EFFECTIVE: SEPTEMBER 1, 1987

55 GPM SERIES "LB" PUMPS PERFORMANCE CURVES


▲ RATED FLOW
Note: Continuous operation outside operating range will void warranty.
**MODEL LB 55 GPM — RPM 3450
STAGE "LB" SERIES**
GUARANTEED AS MINIMUM PERFORMANCE ONLY IF CERTIFIED
MINIMUM WELL SIZE 6" I.D.

MICROFILMED

OCT 02 2001

FILE NUMBER 18-08517
REVIEWER AF

DAIRIES: WATER USE WORKSHEET

REQUIRED DAIRY DATA

NUMBER OF MILKING CATTLE 400
NUMBER OF DRY CATTLE 100
NUMBER OF REPLACEMENT CATTLE: 0-2 MONTHS 0
3-4 MONTHS 0
5-8 MONTHS 50
9-12 MONTHS 50
13-15 MONTHS 50
16-24 MONTHS 50
ENTER 1 FOR MANUAL COW WASHING, 2 FOR AUTOMATIC, OR 3 IF
SPRINKLERS ARE USED TO FLUSH HOLDING PEN AND WASH COWS 1
IF SPRINKLERS ARE USED: NUMBER OF SPRINKLERS IN HOLDING PEN 8
NOZZLE DISCHARGE (USE 5.0 GPM IF UNKNOWN) 0.00
OPERATION TIME OF SPRINKLERS (MIN/DAY) 0
NUMBER OF MILKINGS PER DAY 2
AVG. LBS. OF MILK PRODUCED PER DAY PER ANIMAL (IDAHO AVG IS 70 LBS) 70
HOURS PER DAY PUMP OPERATES FOR STOCKWATER USE 24.0
HOURS PER DAY PUMP OPERATES FOR COMMERCIAL USE 24.0
IS RECYCLED WATER USED TO FLUSH MILKHOUSE AND PARLOR FLOORS? N
IS RECYCLED WATER USED TO WASH COWS? N
IS A PLATE COOLER USED? N
IS RECYCLED WATER USED FOR PLATE COOLER? (IF NO PLATE COOLER,
LEAVE BLANK) N
IF CORRAL MISTERS ARE USED: NUMBER OF MISTERS IN HOLDING PEN 0
NOZZLE DISCHARGE (GPM) 0.00
OPERATION TIME OF MISTERS (MIN/DAY) 0
DAYS PER YEAR MISTERS ARE USED 0

CALCULATIONS

DIVERSION RATE (CFS):

STOCKWATER
MILKING CATTLE (BASED ON MILK PRODUCTION) 0.02
DRY CATTLE @ 17.0 GPM/HD 0.00
REPLACEMENT CATTLE 0.00
TOTAL 0.03

COMMERCIAL
TOTAL 0.00

TOTAL DIVERSION RATE 0.03

DIVERSION VOLUME (AFA):

STOCKWATER
MILKING CATTLE 12.9
DRY CATTLE 1.5
REPLACEMENT CATTLE 1.7
TOTAL 16.1

COMMERCIAL
WASHING OF BULK TANK AND RELATED EQUIPMENT 0.4
BACKFLUSH 0.4
PARLOR/MILKHOUSE/HOLDING PEN CLEANUP 2.0
CATTLE WASHING BASED UPON METHOD OF WASHING 0.4
PLATE COOLER 0.0
CORRAL MISTERS 0.0
TOTAL 2.9

TOTAL DIVERSION VOLUME 19.0

CONSUMPTIVE USE VOLUME (AFA)(assuming 100% consumptive):

STOCKWATER 16.1
COMMERCIAL 2.9

TOTAL CONSUMPTIVE USE 19.0

THEORETICAL FLOW ESTIMATION WORKSHEET

REQUIRED PUMP INFORMATION

	PUMP 1	PUMP 2	PUMP 3	PUMP 4	PUMP 5
PUMP HORSEPOWER (HP)	5.00	0.00	0.00	0.00	0.00
LIFT (FT)	150	0	0	0	0
DISCHARGE PRESSURE (PSI)	10	0	0	0	0
FRICTION LOSSES (FT)	10.0	0.0	0.0	0.0	0.0
HOURS PER DAY PUMP OPERATES	24.0	0.0	0.0	0.0	0.0

CALCULATIONS

THEORETICAL FLOW RATE (CFS) *	0.10	0.00	0.00	0.00	0.00
DIVERSION VOLUME (AFA) **	74.7	0.0	0.0	0.0	0.0

* PUMP EFFICIENCY WAS ASSUMED TO BE 70%.

** DIVERSION VOLUME IS THE ABSOLUTE MAXIMUM VOLUME BASED ON THE
THEORETICAL FLOW RATE ASSUMING PUMP RUNS EVERY DAY OF THE YEAR

EVALUATION OF EQUIVALENT IRRIGATED ACREAGE

IRRIGATION RIGHT (BEFORE CHANGE)

DIVERSION RATE	0.00 CFS
ACRES OF IRRIGATION	0.0 ACRES
DIVERSION VOLUME	0.0 AC-FT/AC
CONSUMPTIVE USE VOLUME	0.0 AC-FT/AC
IRRIGATION IS BEING CONVERTED FOR WHICH PORTION OF THE	
DAIRY OPERATION - STOCKWATER (S), COMMERCIAL (C), OR	
BOTH (B)?	

CALCULATIONS

IRRIGATION DIVERSION RATE PER ACRE	0.00 CFS/AC
REDUCTION OF IRRIGATION BASED ON DIVERSION RATE	0.0 ACRES
REDUCTION OF IRRIGATION BASED ON DIVERSION VOLUME	0.0 ACRES
REDUCTION OF IRRIGATION BASED ON CONSUMPTIVE USE	0.0 ACRES

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OCT 02 2001

Water Right Number - 36-08517 Adj. Flag Translation: WATER RIGHT Old (D) Number -

+ - - - - Last Name - - - - + + - First Name - - - - + - - - - Address - - - - - + - - - - +

+ - - Priority Date - - - + + - - Region - - - + + - - Stage - - - + + - - Status - - - +
04/03/1990 17 ERROR IN REGION P - PERMIT+ - - Source - - - - - + + - - Tributary - - - - - + - - - - +
GROUNDWATER+ - - - - - - - - - - - - - Point of Diversion - - - - - + - - - - +
TwN Rng Sec Tract Lot RFlg County

+ - - - - - - - - - - - - - Water Use - - - - - Diversion Rate Diversion Volume

04 - STOCKWATER 01/01 12/31 0.260
10 - COMMERCIAL 01/01 12/31 0.260+ - Total Div. Rate - + + - Total Div. Volume - + + - Total Div. Capacity - +
0.260

+ - - - - - - - - - - - - - Place of Use - - - - - Description County

Total Acres:

+ - - Diversion Means - WELL, PUMP

+ - - Non-Irrigation Use - STOCKWATER, 400 DAIRY

+ - - Other Rights for Same Use -

+ - - - - - - - - - - - - - Remarks - - - - - + - - - - +
Commercial and stockwater use is for 400 dairy cattle.+ - - - - - - - - - - - - - Conditions of Approval - - - - - + - - - - +
046 - Permit holder shall comply with the drilling permit requirements
- of Section 42-235, Idaho Code.+ - - - - Decree Plaintiff - - - + + - - - Decree Defendant - - - + + - Decree Date - +
00/00/0000+ - - - - - - - - - - - - - -Comments- - - - - + - - - - +
No comments Found

+ - - Audit Fields -

MICROFILMED
OCT 02 2000

7/87

State of Idaho
DEPARTMENT OF WATER RESOURCES
SUPPLEMENTAL FIELD REPORT FOR COX/HALL MEASUREMENT

Measured by: _____

Date: _____

Owner: _____

Permit No. _____

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 RADIUS IN INCHES (IR) _____

CIR = Pipe Circumference in Inches = _____

T = Pipe Thickness in Inches = _____

IR = [(0.1592 X CIR) - T] = _____

DIFFERENTIAL PRESSURE READING IN INCHES OF H₂O (H) _____

High Reading = _____

Low Reading = _____

High - Low = H = _____

COX/HALL DESCRIPTION & FACTOR DETERMINATION (H#) _____

State ID No. _____

Size of tip used _____

Number of holes in
meter taped or blocked _____

To determine Cox/Hall Factor (H#) use table to the right.
Using the Differential Pressure Reading (H) find appropriate
Row and Column to determine (H#).
(example: H = 12.4 then H# = 17.0)

Determine (H#) and enter here: _____

CALCULATION OF DISCHARGE IN CFS (Q) _____

$$Q = \frac{(3.1416) (IR)^2 (H\#)}{(448.8)}$$

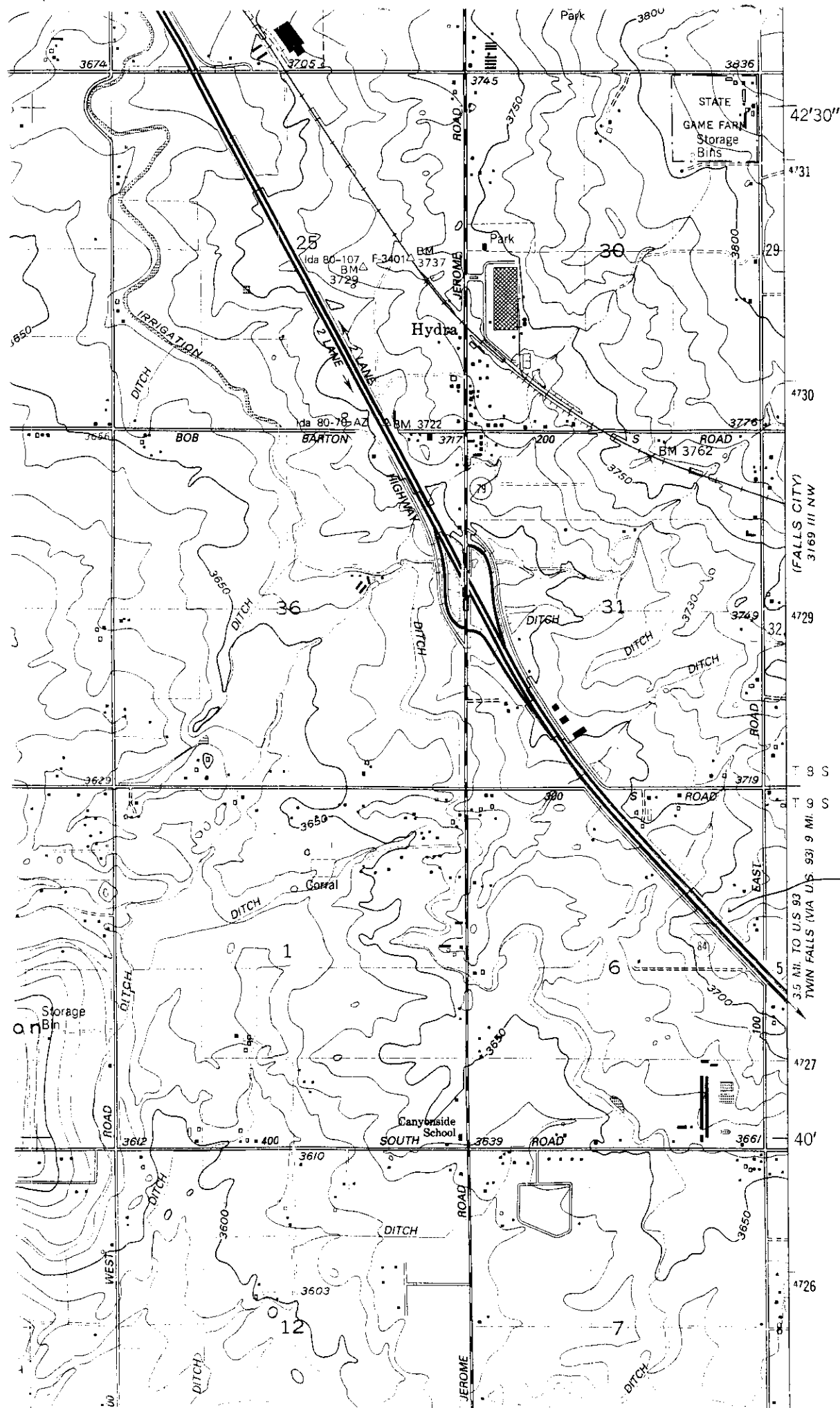
$$Q = \frac{(3.1416) ()^2 ()}{(448.8)} = \text{CFS}$$

SKETCH (If not shown on Field Report)

MICROFILMED

OCT 9 2 2001

| | .0 | .1 | .2 | .3 | .4 | .5 | .6 | .7 | .8 | .9 |
|----|------|------|------|------|------|------|------|------|------|------|
| 0 | 0.0 | 0.8 | 1.3 | 1.8 | 2.2 | 2.5 | 2.9 | 3.3 | 3.7 | 4.0 |
| 1 | 4.3 | 4.5 | 4.8 | 5.0 | 5.2 | 5.4 | 5.6 | 5.8 | 6.0 | 6.2 |
| 2 | 6.3 | 6.5 | 6.7 | 6.9 | 7.0 | 7.2 | 7.3 | 7.5 | 7.6 | 7.7 |
| 3 | 7.9 | 8.0 | 8.2 | 8.3 | 8.5 | 8.6 | 8.7 | 8.8 | 9.0 | 9.1 |
| 4 | 9.3 | 9.4 | 9.5 | 9.6 | 9.7 | 9.8 | 10.0 | 10.1 | 10.2 | 10.3 |
| 5 | 10.4 | 10.5 | 10.6 | 10.7 | 10.9 | 11.0 | 11.1 | 11.2 | 11.3 | 11.4 |
| 6 | 11.5 | 11.6 | 11.7 | 11.8 | 11.9 | 12.0 | 12.1 | 12.2 | 12.3 | 12.4 |
| 7 | 12.5 | 12.6 | 12.7 | 12.8 | 12.9 | 13.0 | 13.1 | 13.2 | 13.3 | 13.4 |
| 8 | 13.5 | 13.5 | 13.6 | 13.7 | 13.8 | 13.9 | 14.0 | 14.0 | 14.1 | 14.2 |
| 9 | 14.3 | 14.4 | 14.5 | 14.5 | 14.6 | 14.7 | 14.8 | 14.9 | 15.0 | 15.0 |
| 10 | 15.1 | 15.2 | 15.3 | 15.4 | 15.5 | 15.5 | 15.6 | 15.7 | 15.8 | 15.9 |
| 11 | 15.9 | 16.0 | 16.1 | 16.2 | 16.3 | 16.3 | 16.4 | 16.5 | 16.5 | 16.6 |
| 12 | 16.7 | 16.7 | 16.8 | 16.9 | 17.0 | 17.0 | 17.1 | 17.2 | 17.3 | 17.3 |
| 13 | 17.4 | 17.5 | 17.5 | 17.6 | 17.7 | 17.8 | 17.8 | 17.9 | 18.0 | 18.1 |
| 14 | 18.1 | 18.2 | 18.3 | 18.3 | 18.4 | 18.5 | 18.5 | 18.6 | 18.7 | 18.7 |
| 15 | 18.8 | 18.9 | 18.9 | 19.0 | 19.1 | 19.1 | 19.2 | 19.3 | 19.3 | 19.4 |
| 16 | 19.5 | 19.5 | 19.6 | 19.6 | 19.7 | 19.7 | 19.8 | 19.9 | 19.9 | 20.0 |
| 17 | 20.1 | 20.1 | 20.2 | 20.2 | 20.3 | 20.4 | 20.4 | 20.5 | 20.5 | 20.6 |
| 18 | 20.7 | 20.7 | 20.8 | 20.9 | 20.9 | 21.0 | 21.0 | 21.1 | 21.2 | 21.2 |
| 19 | 21.3 | 21.3 | 21.4 | 21.4 | 21.5 | 21.6 | 21.6 | 21.7 | 21.7 | 21.8 |
| 20 | 21.9 | 21.9 | 22.0 | 22.0 | 22.1 | 22.2 | 22.2 | 22.3 | 22.3 | 22.4 |
| 21 | 22.4 | 22.5 | 22.5 | 22.6 | 22.6 | 22.7 | 22.7 | 22.8 | 22.9 | 22.9 |
| 22 | 23.0 | 23.0 | 23.1 | 23.1 | 23.2 | 23.2 | 23.3 | 23.4 | 23.4 | 23.5 |
| 23 | 23.5 | 23.6 | 23.6 | 23.7 | 23.7 | 23.8 | 23.8 | 23.9 | 23.9 | 24.0 |
| 24 | 24.0 | 24.1 | 24.2 | 24.2 | 24.3 | 24.3 | 24.4 | 24.4 | 24.5 | 24.5 |
| 25 | 24.6 | 24.6 | 24.7 | 24.7 | 24.8 | 24.8 | 24.9 | 24.9 | 25.0 | 25.0 |
| 26 | 25.1 | 25.1 | 25.2 | 25.2 | 25.3 | 25.3 | 25.4 | 25.4 | 25.5 | 25.5 |
| 27 | 25.6 | 25.6 | 25.7 | 25.7 | 25.8 | 25.8 | 25.9 | 25.9 | 26.0 | 26.0 |
| 28 | 26.1 | 26.1 | 26.2 | 26.2 | 26.3 | 26.3 | 26.4 | 26.4 | 26.5 | 26.5 |
| 29 | 26.6 | 26.6 | 26.7 | 26.7 | 26.8 | 26.8 | 26.9 | 26.9 | 27.0 | 27.0 |
| 30 | 27.0 | 27.1 | 27.1 | 27.2 | 27.2 | 27.3 | 27.3 | 27.4 | 27.4 | 27.5 |
| 31 | 27.5 | 27.5 | 27.6 | 27.6 | 27.7 | 27.7 | 27.8 | 27.8 | 27.9 | 27.9 |
| 32 | 28.0 | 28.0 | 28.0 | 28.1 | 28.1 | 28.2 | 28.2 | 28.3 | 28.3 | 28.4 |
| 33 | 28.4 | 28.5 | 28.5 | 28.5 | 28.6 | 28.6 | 28.7 | 28.7 | 28.8 | 28.8 |
| 34 | 28.9 | 28.9 | 29.0 | 29.0 | 29.0 | 29.1 | 29.1 | 29.1 | 29.2 | 29.2 |
| 35 | 29.3 | 29.3 | 29.3 | 29.4 | 29.4 | 29.5 | 29.5 | 29.5 | 29.6 | 29.6 |
| 36 | 29.7 | 29.7 | 29.8 | 29.8 | 29.9 | 29.9 | 30.0 | 30.0 | 30.0 | 30.1 |
| 37 | 30.1 | 30.2 | 30.2 | 30.3 | 30.3 | 30.4 | 30.4 | 30.5 | 30.5 | 30.5 |
| 38 | 30.6 | 30.6 | 30.7 | 30.7 | 30.8 | 30.8 | 30.8 | 30.9 | 30.9 | 31.0 |
| 39 | 31.0 | 31.0 | 31.1 | 31.1 | 31.2 | 31.2 | 31.2 | 31.3 | 31.3 | 31.4 |
| 40 | 31.4 | 31.5 | 31.5 | 31.5 | 31.6 | 31.6 | 31.7 | 31.7 | 31.7 | 31.8 |
| 41 | 31.8 | 31.9 | 31.9 | 31.9 | 32.0 | 32.0 | 32.1 | 32.1 | 32.1 | 32.2 |
| 42 | 32.2 | 32.3 | 32.3 | 32.3 | 32.4 | 32.4 | 32.4 | 32.5 | 32.5 | 32.5 |
| 43 | 32.6 | 32.6 | 32.7 | 32.7 | 32.7 | 32.8 | 32.8 | 32.9 | 32.9 | 33.0 |
| 44 | 33.0 | 33.0 | 33.1 | 33.1 | 33.2 | 33.2 | 33.2 | 33.3 | 33.3 | 33.4 |
| 45 | 33.4 | 33.5 | 33.5 | 33.5 | 33.6 | 33.6 | 33.7 | 33.7 | 33.7 | 33.8 |
| 46 | 33.8 | 33.9 | 33.9 | 33.9 | 34.0 | 34.0 | 34.0 | 34.1 | 34.1 | 34.1 |
| 47 | 34.2 | 34.2 | 34.2 | 34.3 | 34.3 | 34.4 | 34.4 | 34.4 | 34.5 | 34.5 |
| 48 | 34.6 | 34.6 | 34.6 | 34.7 | 34.7 | 34.8 | 34.8 | 34.8 | 34.9 | 34.9 |



REPRODUCTION
01 02 2001

RECEIVED
AUG 18 1998
Department of Water Resources
Southern Region

Michael H. Felton, Jr.
FELTON AND FELTON
Attorneys at Law
1020 Main Street
P O Box 589
Buhl Id 83316-0589
Telephone: (208) 543-4368
Facsimile: (208) 543-4360
Attorneys for Plaintiff/Defendant
(C:\MyFiles\abc-doc\ 2476Not.App814)Js

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.

CASE NO. 39576

The State of Idaho, ex rel. R.
Higginson in his official
capacity as Director of the
Idaho Department of Water
Resources,

Petitioner,

vs:

NOTICE OF APPEARANCE

The United States, the State of Idaho;
and all Claimants to the Use of Water
From the Snake River Basin Water
System,

Respondents.

***** MICROFILMED

2001 9 2 2001

NOTICE OF APPEARANCE

-1-

1 PLEASE BE NOTIFIED that Michael H. Felton, (Jr.), Attorney at Law, and
2 the firm of Felton & Felton, hereby enters an appearance as attorneys of record on behalf
3 of Frans and Cornelia Aardema and Tom and Mary Jane Heida d/b/a Box Canyon Dairy,
4 the Respondents in the above-entitled action, as counsel of record for said Respondents
5 with respect to Water Rights Number 36-08517 and the Clerk of the Court is hereby
6 requested to make such entries as may be required to record such appearance. All
7 further pleadings, notices and correspondence of any kind filed hereafter in this matter
8 should be sent to Michael H. Felton , (Jr.) of Felton & Felton, P. O. Box 589, Buhl, Idaho
9 83316-0589.
10

11
12 DATED: August 17, 1998.

13
14 FELTON & FELTON

15
16
17 By 
18 MICHAEL HARLAND FELTON
19 Attorneys for Defendant
20
21
22
23
24
25
26

NOTICE OF APPEARANCE

-2-

1 CERTIFICATE OF SERVICE

2 The undersigned, a resident attorney of the State of Idaho, with offices at
3 1020 Main Street, Post Office Box 589, Buhl, Idaho 83316-0589, and attorney for the
4 Defendant in this action, certifies that he caused to be via facsimile and mailed on
August 17, 1998, a copy of the above and foregoing

5 NOTICE OF APPEARANCE

6 to:

Director of Idaho Department of Water Resources
7 P O Box 83720
8 Boise, ID 83720-0098

9 Clerk of the District Court
Snake River Basin Adjudication
10 253 Third Avenue North
11 P O Box 2707
Twin Falls, ID 83303-2707

12 
13 _____
14 MICHAEL H. FELTON, JR.

15
16
17
18
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26
NOTICE OF APPEARANCE

-3-

December 17, 1990

AARDEMA DAIRIES
132-A W. 500 S.
JEROME, ID 83338

PROOF ACKNOWLEDGMENT LETTER

RE: PERMIT NO. 36-08517

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 SOUTHERN Regional Office in Twin Falls at (208)734-3578.

Sincerely,

Rita Fleck
Secretary/Records Manager

c: IDWR - Region

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JAN 04 1991

ANALYSIS SHEET
for
PROOF OF BENEFICIAL USE

Permit No. 36-8517

Date 12-17-90

GENERAL CONSIDERATIONS

- ☒ Name same as permit?
☒ Address change? If yes, prepare data entry form.
☒ Proof timely received? If no, complete priority advancement below.

SOURCE OF WATER

- ☒ Surface water source
☒ Ground water source
☒ Drill permit req'd? ☒ Copy in file?
☒ Well log in file?
☒ Amt paid for drilling permit? ☒ Correct? *if for stock use only.*

LICENSE EXAMINATION FEE

- ☒ Required? *if for stock use only.*
☒ Amount submitted? *yes, if for stock & comm. use*
☒ Correct amount?

MEASURING DEVICE

- ☒ Measuring device or access port required?
☒ Installed?
☒ Waiver requested or needed?

DEFICIENCIES OR ACTION ITEMS

- Proof acceptable

PRIORITY CALCULATION

| | | |
|---------------------|-----------------------------|-----------------------------|
| Date proof received | <u> </u> | <u> </u> |
| Date proof due | <u> </u> | <u> </u> |
| No. of days late | <u> </u> | <u> </u> |
| Priority date | <u> </u> | <u> </u> |
| NEW PRIORITY DATE | <u> </u> | <u> </u> |

9/89

Drilling Permit No. 30-90-S-047Water Right Permit 36-

Injection Permit No. _____

State of Idaho
Department of Water Resources
DRILLING PERMIT

RECEIVED
AUG 1 1990
Department of Water Resources

1. Applicant Don J. Ardema
2. Mailing Address 132-A West 500 St Jerome Idaho
Telephone 324-3438

(☒) Well Owner () Well Operator () Other, specify _____

3. Proposed well location SE 1/4 SW 1/4, or Gov't lot No. _____,
Sec. 3, Twp. 9S, Rge. 16E, County Jerome,
Street Address of Well Site _____,
Lot, block and subdivision _____

4. Proposed use of well:

- (☒) Single family or stockwater use (less than 13,000 gallons per day)
() Irrigation (more than 1/2 acre)
() Monitoring - A well bore schematic and map is required for each well.
No. of proposed wells: _____

~~()~~ Other (describe fully) Stock 500 head

5. Well construction information:

A. (☒) New well () Deepen () Replace - See Condition 9.

B. Proposed surface diameter 8" Maximum depth _____

C. Anticipated bottom hole temperature:

- (☒) 85°F or less (Cold water well)
() 85°F to 212°F (Low temp. geothermal well)
() 212°F or more (Geothermal well)

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JAN 04 1991

6. Construction Start Date ASAP 5-10-90

7. Anticipated Well Driller Smith Drilling & Pump Co. Inc.
NOTE: The actual well driller must be identified prior to drilling.

8. Applicant's signature Don J. Ardema Date 3/29/90

Title Owner
(Owner, Firm Representative, Other)

AC OF DEPARTMENT OF WATER RESOUR

This Permit is Approved Date 5-11-90

If approved, this permit authorizes the construction of a well subject to the following conditions. READ CAREFULLY!

GENERAL CONDITIONS:

1. The well must be constructed in compliance with the applicable statutes, specific conditions of approval shown on the water right permit, injection well permit, transfer or amendment and the rules and regulations of the Department for water appropriation, injection wells and well construction standards.
2. This drilling permit is valid for two (2) months from the above approval date for the start of construction and is valid for one (1) year from the approval date for completion of the well unless an extension has been granted.
3. This permit does not constitute the approval of the District Health Department or the Idaho Department of Health and Welfare which may be required before construction of this well.
4. The well shall be constructed by a driller currently licensed in the State of Idaho who must maintain a copy of the drilling permit at the drilling site.
5. Approval of this drilling permit does not authorize trespass on the land of another party.
6. This permit does not constitute other local, county, state or federal approvals which may be required for construction of a well.
7. This drilling permit does not represent a right to divert and use the water of the State of Idaho.
8. If a bottom hole temperature of 85°F or greater is encountered, well construction shall cease and the well driller and the well owner shall contact the Department immediately.
9. If this permit is for a replacement well, the well being replaced must be abandoned in accordance with Department Rules and Regulations.

SPECIFIC CONDITIONS:

Douglas Jones for Loren Holmes
Signature of Authorized Department Representative

Southern Region Manager
Title

Receipt No. 5012291 Received by DL Fee \$1000 Date 5/11/90

EXTENSION OF DRILLING PERMIT

Extension approved by _____ Approval Date JAN 04 1991
This extension is good for 60 days beyond the above extension approval date.

MICROFILMED

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

Ident. No. 36

RECEIVED
AUG 1 1990

To appropriate the public waters of the State of Idaho

Department of Water Resources

1. Name of applicant Don J. Hardman Phone 321-3438

Post office address 132-A West 500th Terrace Idaho

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

3. Location of point of diversion is _____ 1/4 of SE 1/4 of SW Govt. Lot _____

Sec. #3 Township 9S Range 16E B.M. Jerome County; additional

points of diversion if any: _____

4. Water will be used for the following purposes: *

Amount 106 CFS for Stockwater purposes from 1-1 to 12-31 (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) 106 CFS and/or (b) _____
cubic feet per second acre feet per annum

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. _____

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 8" inches; proposed depth of well is 250' 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
1 years (minimum 1 year).

RECEIVED

JAN 04 1991

* Edited upon receipt from Smith Drilling

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. 500 ~~Bar~~ Dry Cows*
- c. Municipal; show name of municipality. _____
- d. Domestic; show number of households. _____
- e. Other; describe fully. Commercial School ~~Dump~~

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 | |
| 9S | 16E | 33 | | | | | | | | | | | | 3 | | | | | <u>6 Acres</u> |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |

Total number of acres to be irrigated 0

10. Describe any other water rights used for the same purposes as described above. _____

11. a. Who owns the property at the point of diversion? Jarduna
- b. Who owns the land to be irrigated or place of use? Dana
- 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: Drilling permit 36-90-S-047

MICROFILMED

JAN 04 1991

Edited upon receipt of app, discussion at Smith drilling

Received by DRS Date 5/11/90 Time 2:40 Preliminary check by _____
Fee \$ 30.00 Received by DRS # 5012291 Date 5/11/90
Publication prepared by _____ Date _____ Published in _____
Publication approved _____ Date _____

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 ____.

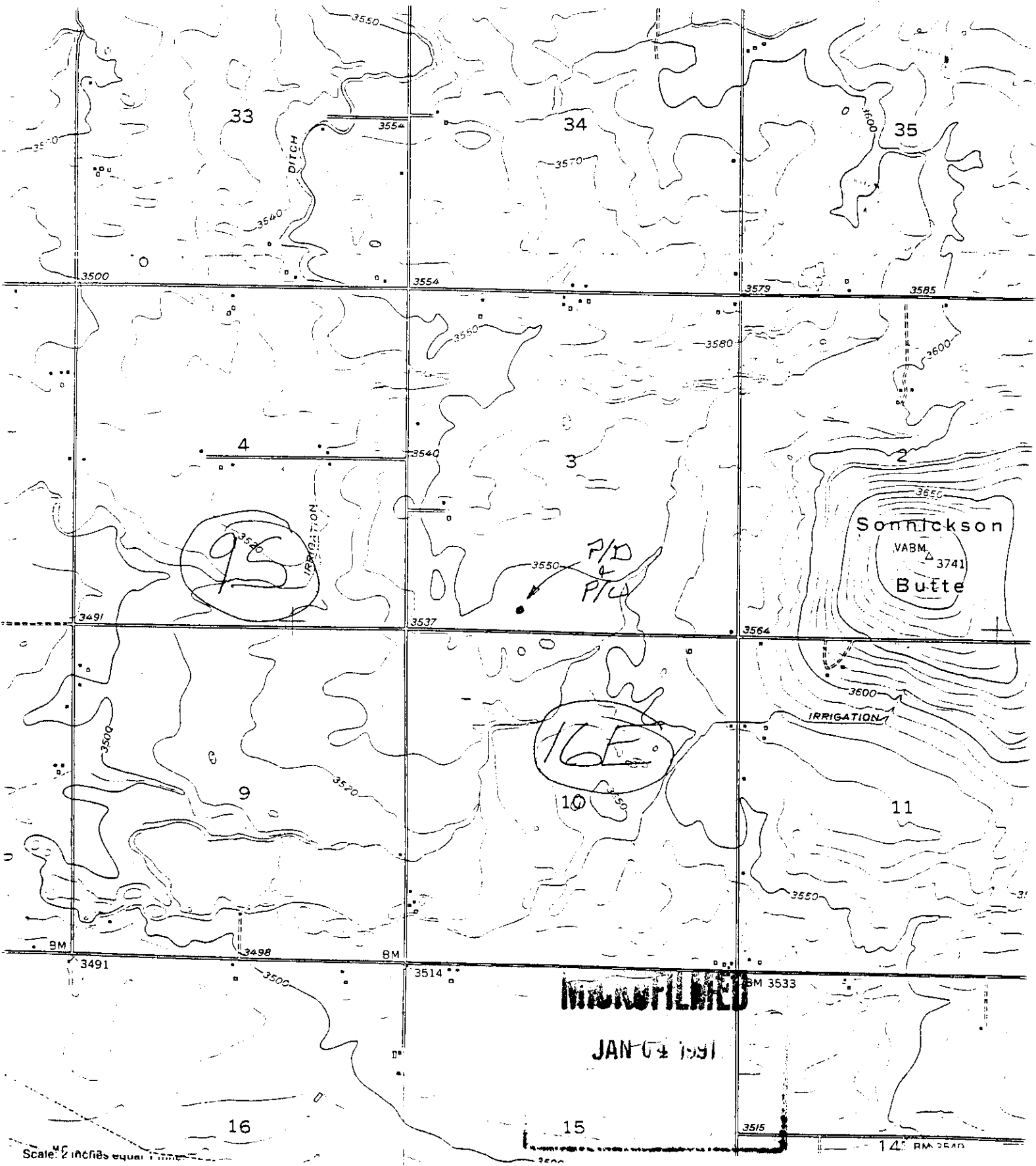
c. The rate of diversion, if water is to be used for irrigation under this permit, when combined with all other water rights for the same land shall not exceed 0.02 cubic feet per second for each acre of land.

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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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.

D. A. R. R.
pplicant)

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

Statehouse
Boise, Idaho 83720
(208) 327-7900
July 23, 1990

AARDEMA DAIRIES
132-A W. 500 S.
JEROME, ID 83338

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

RE: PERMIT NO. P36-08517

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.

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.

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

Sincerely,

GARY SPACKMAN, Supervisor
Water Right Permits Section

GS: SC
Enclosures

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JUL 27 1990

Form No. 202a
4/87

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR PERMIT ANALYSIS SHEET

INITIAL REVIEW BY J. Stanton DATE 4-11-90 APPLICATION NUMBER 36-08517

REQUIRED INFORMATION

- ☒ Name (If applicant is a corporation or partnership, names must be provided for the director, officers, & other partners.)
- ☒ Address
- ☒ Source (See USGS Quad for names of water sources)
- ☒ Point of Diversion (10 acres for spring, lot & block descriptions for subdivisions, local name, flow and/or volume)
- ☒ County
- ☒ Quantity (flow and/or volume)
- ☒ Period of Use
- ☒ Nature of proposed use (Include description of use.)
- ☒ Description of diverting works
- ☒ Time required for beneficial use of water
- ☒ Place of use or acres irrigated
- ☒ Map
- ☒ Signature (If applicant is corp. partnership, or municipality, title of signator is required)
- ☒ Fee
- ☒ Yes ☐ No* In form to receipt ***PROPOSED PRIORITY DATE 4-3-90

ADDITIONAL INFORMATION

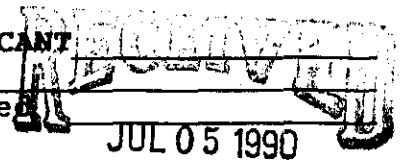
- ☐ Overlapping place of use (Describe source & relationship to present application on the back.)
- ☐ Overlapping point of diversion
- ☐ Yes ☒ No Field check required
- ☐ Field check by _____
- ☐ Yes ☐ No Field report attached
- ☐ Yes ☒ No Critical groundwater area
- ☐ Yes ☒ No Groundwater management area
- ☐ Yes ☒ No Send dam safety information
- ☐ Yes ☒ No Send power requirement letter
- ☐ Yes ☒ No Send fish farm requirement letter
- ☐ Yes ☒ No Power residency affidavit
- ☐ Yes ☒ No Power efficiency form
- ☒ Yes ☐ No Within trustwater boundary (If yes, attach trust water supplementary analysis sheet.)
- ☐ Yes ☒ No Diversion greater than 5 cfs or 500 acre ft. (If yes, attach large diversion supplementary analysis sheet.)
- ☐ See reverse side for additional information

SWAN FALLS HOLD? No

*REQUEST THE FOLLOWING ADDITIONAL INFORMATION FROM THE APPLICANT

names & addresses of partners, managing partner designation

Date Requested



PROCESSING ☒ Yes ☐ No In form for advertising
☐ Yes ☒ No Statewide advertising
☒ Yes ☐ No Fee amount, receipt date & No. recorded on application

SEND COPIES TO ☐ Idaho Dept. of Health & Welfare ☐ U.S. BLM
☐ Idaho Dept. of Fish & Game ☐ U.S. Forest Service
☐ Idaho Dept. of Lands ☐ Water District
☐ Adjudication Bureau Unit ☐ Other _____

FINAL REGIONAL PROCESSING REVIEW

☒ Yes ☐ No Affidavit of publication received
☒ Yes ☐ No Application published correctly. If not, record action taken.

☒ Yes ☐ No Publication dates & paper, recorded on application
☐ Yes ☒ No Protests received
Final date for protest 5/21/90
☐ Yes ☒ No Protests, dates, resolution of protest, recorded on application
☐ Yes ☒ No Recommendations attached
☐ Yes ☒ No Measuring device required
☐ Yes ☒ No Access port required
☐ Yes ☒ No Will water be delivered by watermaster? If yes, what Dist. _____
☐ Yes ☒ No Special conditions of approval or cover letter below. _____

See below for additional information
Date of priority recommended 4/3/90
By Loren O. Halman Date 7/2/90

STATE OFFICE REVIEW

P23

P16

46

See below for additional information
By rw Date 7-18-90

ADDITIONAL INFORMATION

App. in TRUST area-DCMI

19-Apr-1990

AARDEMA DAIRIES
132-A WEST 500 SOUTH
JEROME ID 83338

Re: Application for Permit No. 36-08517

Dear Applicant (s):

The Department of Water Resources acknowledges receipt of your water right application for permit. The application has been assigned the above referenced identification number. Please refer to this number in all further correspondence.

This office will be advertising the application in the North Side News on 5/2 & 5/9/90. A period of ten days following the second publication will be allowed for the submittal of protests.

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

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

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

Very truly yours,

James E. Stanton
Sr. Water Resource Agent

JS:MB

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JUL 27 1990

S. Region
5/89

Application No. 36-08517

ADDITIONAL INFORMATION REQUIREMENTS
FOR APPLICATIONS IN THE NAME OF A CORPORATION,
COMPANY, OR PARTNERSHIP

In reviewing the application for compliance with the requirements of the Department's Rules and Regulations for Water Appropriations, we have determined that the following information is required to make the Application complete for processing.

- 1) If the Application is filed in the name of a corporation, the names and addresses of its directors and officers shall be provided. If the application is filed by or in behalf of a partnership or joint venture, the application shall provide the names and addresses of all partners and shall designate the managing partner, if any. (Rule 3,3,2,1)

Because the required information does not appear in the legal notice, we are proceeding with advertising of your Application. If the required information is received within ten days of the second publication date, no additional delay should be incurred in processing.

RECEIVED

JUL 27 1990

IDAHO DEPT. OF WATER RESOURCES
SOUTHERN REGION
222 Shoshone St. East
Twin Falls, ID 83301

(208)734-3578

APRIL 18, 1990

NORTH SIDE NEWS
P.O. BOX 468
JEROME, ID 83338

Gentlemen:

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

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

Please send the affidavit of publication and publication billing to this office before MAY 21, 1990.

Yours truly,

Mary Baldwin
Secretary/Office Coordinator

Enclosure

MicroFILMED

JUL 27 1990

36-08517

AARDEMA DAIRIES
132-A WEST 500 SOUTH
JEROME, ID 83338

Source: GROUNDWATER

Diversion Pt: NESENE Sec 1 T 09S R 16E

Use: STOCKWATER (.260 CFS)
 COMMERCIAL (.260 CFS)
 Total Diversion: (.260 CFS)

Date Filed: 4/ 3/ 1990

In: T09S R16E S01 SENE

RECORDED

JUL 27 1990

NSN LEGAL (MAIL PROOF)

NOTICE OF APPLICATION
FOR WATER RIGHT

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

36-08517

AARDEMA DAIRIES

132-A WEST 500 SOUTH

JEROME, ID 83338

Source: GROUNDWATER

Diversion Pt: NESENE Sec 1 T 09S R
16E

Use: STOCKWATER (.260 CFS)

COMMERCIAL (.260 CFS)

Total Diversion: (.260 CFS)

Date Filed: 4/3/1990

In: T09S R16E S01 - SENE

The permit(s) will be subject to all prior
water rights. Protests must be filed with
the Director, Dept. of Water Resources,
Southern Region, 222 Shoshone St. East,
Twin Falls, ID 83301 on or before May 21,
1990.

R. KEITH HIGGINSON

Director

N12428

Pub: 5-2, 9

OK
NB
4/27/90

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JUL 27 1990

The permit(s) will be subject to all prior water rights. Protests must be filed with the Director, Dept. of Water Resources, Southern Region, 222 Shoshone St. East, Twin Falls, ID 83301 on or before May 21, 1990.

R. KEITH HIGGINSON, Director

Published 5/2/1990 & 5/09/1990

MAILED 11 1990

JUL 17 1990