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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED
DEC 16 1991

Department of Water Resources

A. GENERAL INFORMATION

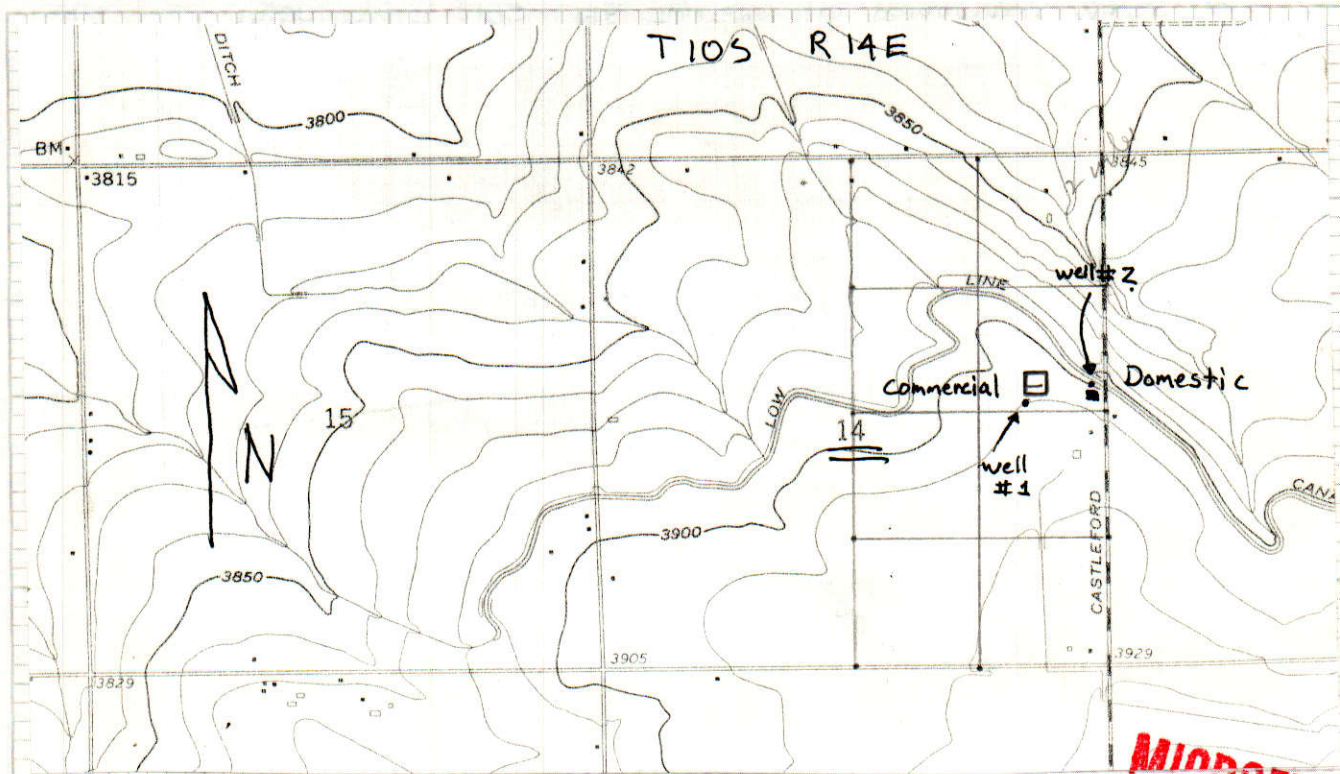
1. Owner: Henry &/or Esther Loman Permit No. 47-7853
Current Address: Rt. 4, Box 413, Buhl, Idaho, 83316 Phone No. 543-~~5768~~⁸⁸⁵⁵
2. Accompanied by: Ken Loman EXAM. DATE: 6/1/88
Address: same Phone No. same
Relationship to Permit Holder: Son
3. Source: Ground water tributary to N/A

B. OVERLAP REVIEW

1. Other water rights with same place of use: None ☐ Copies Attached
2. Other water rights with same point of diversion: None ☐ Copies Attached ☐ Copies of Field Exam's Attached

C. SYSTEM DESCRIPTION

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



Scale: 1" = _____

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

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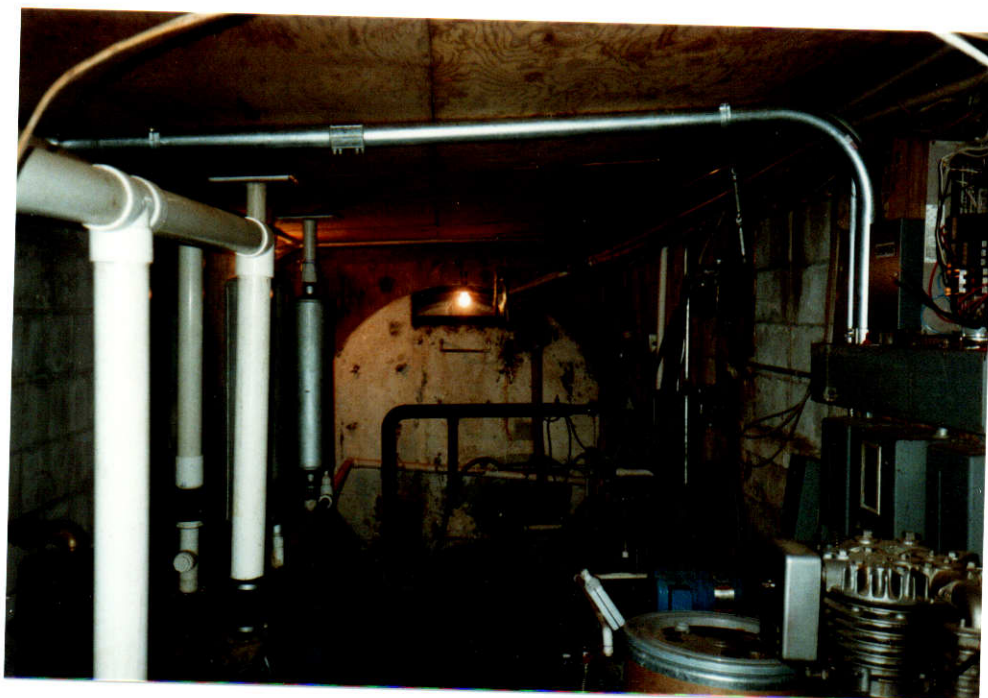


Well #1 : water for Dairy and watering troughs,



Well #2 : Domestic use

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2000gal: storage tank



Inside Dairy Barn

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State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 47-07853

Priority: February 1, 1983

Maximum Diversion Rate: 0.16 CFS
Maximum Diversion Volume: 31.2 AF

This is to certify, that ESTHER LOMAN
HENRY LOMAN

RT 4 BOX 413
BUHL ID 83316

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated January 20, 1983; and has submitted Proof of Beneficial Use on March 18, 1986. An examination indicates that the works have a diversion capacity of .160 cfs of water from a **GROUNDWATER** source, and a water right has been established as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>ANNUAL VOLUME</u>
STOCKWATER	01/01 to 12/31	0.13 CFS	18.0 AF
COMMERCIAL	01/01 to 12/31	0.13 CFS	12.0 AF
DOMESTIC	01/01 to 12/31	0.03 CFS	1.2 AF
	Totals	0.16 CFS	31.2 AF

LOCATION OF POINT(S) OF DIVERSION:

SENE , Sec. 14, Township 10S, Range 14E
TWIN FALLS County

PLACE OF USE: STOCKWATER
TWN RGE SEC

10S 14E 14 SENE

PLACE OF USE: COMMERCIAL, same as STOCKWATER use

PLACE OF USE: DOMESTIC, same as STOCKWATER use

CONDITIONS/REMARKS:

1. The maximum diversion volume is defined as the maximum allowable volume of water that may be diverted annually from the source under this right. The use of water confirmed by this right is limited to the amount which can actually be beneficially used. The maximum diversion volume may be adjusted to more accurately describe the beneficial use or to implement accepted standards of diversion and use efficiency.
2. This water right is appurtenant to the described place of use.
3. This right is subject to all prior water rights and may be forfeited by five years of non-use.
4. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.

RECORDED

JUN 11 1992

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 47-07853

CONDITIONS/REMARKS:

5. Domestic use is for 1 home.
6. Stockwater use is for 350 dairy and 320 range cattle.
7. Commercial use if for a dairy barn.
8. Two points of diversion are located within the SENE, S14, T10S, R14E.

This license is issued pursuant to the provisions of Section 42-219, Idaho Code.
Witness the seal and signature of the Director, affixed at Boise, this 25TH
day of MAY, 1992.

Acting for R. Keith Higginson, Director

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JUN 11 1992

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

APPROVED

1. Name of applicant Henry &/or Esther Loman Phone 543-5768

Post office address Rt. 4, Box 413, Buhl, Idaho, 83316

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

3. Location of point of diversion is (two wells)
SE $\frac{1}{4}$ of NE $\frac{1}{4}$ of Section 14 Township 10S

Range 14E B.M. Twin Falls County, additional points of diversion if any: _____

4. Water will be used for the following purposes:

Amount 0.20 for Stockwater purposes from Jan. 1 to Dec. 31 (both dates inclusive)
(cfs or acre-feet per annum)

Amount 0.20 for Commercial purposes from Jan. 1 to Dec. 31 (both dates inclusive)
(cfs or acre-feet per annum)

Amount 0.04 for Domestic purposes from Jan. 1 to Dec. 31 (both dates inclusive)
(cfs or acre-feet per annum)

Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)

5. Total quantity to be appropriated:

a. 0.20 cubic feet per second and/or b. _____ acre-feet per annum.

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. Existing 5 H.P. pump delivers to
a pressure system which supplies dairy barn and various stock troughs.
System is connected to existing domestic well which can be used in emergency situations. The domestic well normally supplies water to just the house.

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

Period of year when water will be diverted to storage _____ to _____ inclusive.

Existing barn _____ 8 (Month/Day) 180 (Month/Day)
c. ~~Proposed~~ well diameter is _____ inches; proposed depth of well is _____ feet.

Existing house _____ 5 180

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 — maximum 5 years).

8. Description of proposed uses:

a. If water is not for irrigation:

(1) Give the place of use of water: SE $\frac{1}{4}$ of NE $\frac{1}{4}$ of Section 14 Township 10S
Range 14E B.M.

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

(3) List number of each kind of livestock to be watered 600 Dairy Cattle

(4) Name of municipality to be served _____, or number of families to be supplied with domestic water 1.

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

Commercial Use is for use in dairy barn for cleaning, washing cows, ect.

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

[illegible]

Total number of acres to be irrigated

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

None

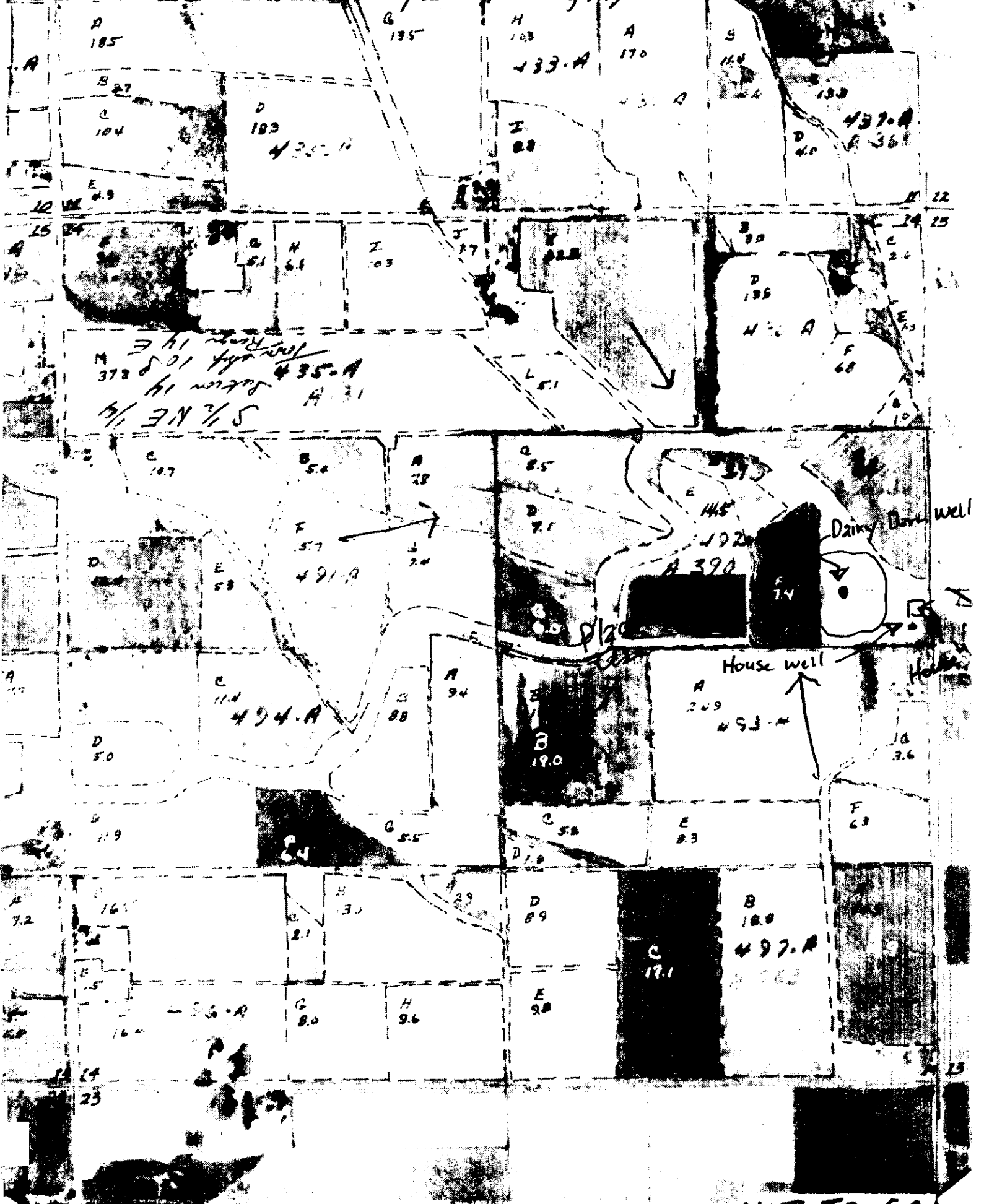
9. a. Who owns the property at the point of diversion Applicant

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

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

10. Remarks Existing use established in around 1975

Twp. 10S, Rge 74E B.M.



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

A full-page sheet of white graph paper featuring a uniform grid of thin black lines. The grid consists of 20 columns and 20 rows, creating a total of 400 small squares. The lines are evenly spaced and extend across the entire page, leaving a small margin at the top and bottom. There are no markings, text, or drawings on the grid itself.

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.


(Applicant)

(Applicant)

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Proposed Priority 1/20/83
Received by ADM Date 1/20/83 Time 4:00 p.m.
Preliminary check by TGB Fee \$ 30⁰⁰
Receipted by ADM Date 1/20/83 # 23947
Publication prepared by manga Date 2/22/85
Published in terris news
Publication dates 3/7 & 3/14/85
Publication approved manga Date 2/26/85
Protests filed by: None

Copies of protests forwarded by _____
Hearing held by _____ Date _____
Recommended for approval denial by ADM kw

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. 47-7853, and said application is hereby APPROVED.

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

- a. SUBJECT TO ALL PRIOR WATER RIGHTS.
- b. Proof of construction of works and application of water to beneficial use shall be submitted on or before April 1, 19 87.
- c. The rate of diversion, if water is to be used for irrigation under this permit, when combined with all other water rights for the same land shall not exceed 0.02 cubic feet per second for each acre of land.
- d. Other:

Witness my hand this 5th day of March, 1986.

J. Glen Sayton
Chief, Operations Bureau

NOTICE OF APPLICATION FOR WATER RIGHT

Notice is hereby given that the following application(s) have been submitted for permit to appropriate the public waters of the State of Idaho:

47-7842

SHAW, N. REX
Rt. 1, Kimberly, ID 83341
Source: Ground water
Date Filed: 01/04/1983
Diversion Pt: SESE
Sec 05 T 10S R 18E
Use: Irrigation (0.02 CFS)
Stockwater (0.01 CFS)
Domestic (0.06 CFS)
In: SESE Sec 05 T 10S R 18E FOR 8 acres

47-7853

LOMAN, HENRY &/or ESTHER
Rt. 4, Box 413, Buhl, ID 83318
Source: Ground water
Date Filed: 01/20/1983
Diversion Pt: SENE
Sec 14 T 10S R 14E
Use: Stockwater (0.20 CFS)
Commercial (0.20 CFS)
Domestic (0.04 CFS)
In: SENE Sec 14 T 10S R 14E

47-7856

DEAN, LESLIE L.
Rt. 4, Twin Falls, ID 83301
Source: Ground water
Date Filed: 06/30/1983
Diversion Pt: NESE
Sec 25 T 10S R 18E
Use: Stockwater (0.04 CFS)
Commercial (0.04 CFS)
Domestic (0.04 CFS)
In: NESE Sec 25 T 10S R 18E

47-7862

SCHEEL, MAURICE E., M.D.
518 East Ave. A, Wendell, ID 83355
Source: UNNAMED STREAM (J-2 COULEE) trib. to MUD CREEK
Dated Filed: 02/25/1983
Diversion Pt: SWSW
Sec 24 T 09S R 14E
Use: Irrigation (0.05 CFS)
Stockwater (0.02 CFS)
Fish Prop. (1.00 CFS)
Aesthetics (1.00 CFS)
In: SWSW Sec 24 T 09S R 14E FOR 2 ACRES

47-7866

BOKMA, WILLIAM
Rt. 4, Sunway North, Twin Falls, ID 83301
Source: Ground Water
Date Filed: 02/24/1983
Diversion Pt: NWSW
Sec 11 T 11S R 17E
Use: Stockwater (0.20 CFS)
Commercial (0.06 CFS)
In: NWSW Sec 11 T 11S R 17E

47-7870

HALEY, J. ROY
Castleford, ID 83321
Source: GROUND WATER
Dated Filed: 03/30/1983
Diversion Pt: NWNW
Sec 34 T 10S R 13E
Use: Stockwater (0.33 CFS)
Commercial (0.33 CFS)
In: NWNW Sec 34 T 10S R 13E

47-7872

HYDROTUBE OF IDAHO
2285 Addison Ave. E., Twin Falls, ID 83301
Source: Ground water
Date Filed: 04/04/1983
Diversion Pt: SWSW
Sec 11 T 10S R 17E
Use: Irrigation (0.05 CFS)
Commercial (0.07 CFS)
Heating (0.20 CFS)
Recreation (0.05 CFS)
In: SWSW Sec 11 T 10S R 17E FOR 1.6 ACRE

GWEN M.
PO BOX 2468,
ID 83301

Source: Groundwater
Date Filed: 06/21/1983
Diversion Pt: NENE
Sec 16 T 10S R 18E
Use: Irrigation (0.05 CFS)

Domestic (0.04 CFS)
In: NENE Sec 16 T 10S R 18E FOR 2 ACRES

47-7917

RANDELL, C. GENE
Rt. 1 Box 298, Kimberly, ID 83341
Source: Ground water
Date Filed: 06/22/1983
Diversion Pt: SWSE
Sec 04 T 10S R 18E
Use: Stockwater (0.03 CFS)
Commercial (0.03 CFS)
In: SWSE Sec 04 T 10S R 18E

47-7919

LEYTHAM, RICHARD
Rt. 1, Twin Falls, ID 83301
Source: Ground water
Date Filed: 06/16/1983
Diversion Pt: NWSW
Sec 16 T 11S R 18E
Use: Irrigation (0.06 CFS)
Stockwater (0.02 CFS)
Domestic (0.20 CFS)
In: NESW NWSW Sec 16 T 11S R 18E SESW Sec 16 T 11S R 18E FOR 2 ACRES

47-7920

VANDENBARK, TRENA
KIMBALL, ED
HOWE, LEON
c/o TRENA VANDENBARK, Rt. 1, Kimberly, ID 83341
Source: Ground water
Date Filed: 06/23/1983
Diversion Pt: NWNE
Sec 21 T 10S R 18E
Use: Irrigation (0.03 CFS)
Domestic (0.06 CFS)
In: NWNE Sec 21 T 10S R 18E FOR 1 ACRE
If issued, the permit(s) will be subject to all prior water rights. Protests against the granting of any permit must be filed with the Director of the Idaho Department of Water Resources, 1041 Blue Lakes Blvd. North, Twin Falls, Idaho 83301 and received on or before MARCH 25, 1985.
A. KENNETH DUNN
Director
PUBLISH: Thursday, March 7, and 14, 1985.

Affidavit of Publication

COUNTY OF IDAHO,

COUNTY OF TWIN FALLS

I, Linda Capps McSwine,
do depose and say that I am Print Clerk
of the TIMES-NEWS,
published daily, at Twin Falls, Idaho, and do solemnly swear that a copy of
notice of advertisement, as per clipping attached, was published in the regular and
issue of said newspaper, and not in any supplement thereof, for Two
consecutive weeks, commencing with the issue dated
March 7, 1985, and ending with the issue dated
March 14, 1985.

And I do further certify that said newspaper is a consolidation, effective February 16, 1985, of the Idaho Evening Times, published theretofore daily except Sunday, and the Twin Falls News, published theretofore daily except Monday, both of which newspapers prior to consolidation had been published under said names in said city and county continuously and uninterruptedly during a period of more than twelve consecutive months, and said TIMES-NEWS, since such consolidation, has been published as a daily newspaper except Saturday, 1 July 31, 1978, at which time said newspaper began daily publication under said name and city and county continuously and uninterruptedly.

And I further certify that pursuant to Section 60-108 Idaho Code, Thursday of each week so designated as the day on which legal notice by law or by order of any court of competent jurisdiction within the state of Idaho, to be published weekly, will be published; and at the head of the editorial column of said combined newspapers, and in each issue thereof, Thursday is announced as the day on which said legal notices will be published.

Subscribed and sworn to before me on this

20 day of

Linda Capps McSwineMarch 1985Soldier J. Sawett

Notary Public in and for the County of Twin Falls, State of Idaho, residing at Twin Falls, Idaho

47-7873

PAUL, W.R.
P.O. Box 2010, Sparks, NV 89431

Source: Ground water
Date Filed: 04/29/1983
Diversion Pt: SESE
Sec 32 T 08S R 14E
Use: Commercial (0.04 CFS)
Fish Prop. (0.24 CFS)
Heating (0.10 CFS)
Domestic (0.08 CFS)
Recreation (0.02 CFS)
In: SESE Sec 32 T 08S R 14E

47-7885

LITWILLER, RAYMOND W.
Rt. 1, Buhl, ID 83318

Source: Ground water
Date Filed: 05/11/1983
Diversion Pt: Lot 02 (NWNE) Sec 03 T 11S R 14E
Use: Stockwater (0.13 CFS)
Stockwater (0.06 CFS)
Commercial (0.06 CFS)
Domestic (0.04 CFS)
In: LOT 02 (NWNE) Sec 03 T 11S R 14E

47-7886

MILLER, JAMES R. &/or LAURA
532 Washington St., Twin Falls, ID 83301

Source: DEADMAN GULCH trib. to ROCK CREEK
Date Filed: 05/17/1983
Diversion Pt: SESE
Sec 18 T 10S R 17E
Use: Irrigation (0.06 CFS)
In: SESE Sec 18 T 10S R 17E FOR 2 ACRES

47-7888

HARMS, MELISSA
SMALLEY
RT. 3 Box 241, Buhl, ID 83318

Source: SPRING trib. to DEEP CREEK
Date Filed: 05/23/1983
Diversion Pt: SESE
Sec 09 T 09S R 14E
Use: Irrigation (0.06 CFS)
Stockwater (0.02 CFS)
Domestic (0.04 CFS)
In: SESE Sec 09 T 09S R 14E FOR 3 ACRES

Nº 14854

being first duly sworn up

of the TIMES-NEWS,

and do solemnly swear that a copy of
notice of advertisement, as per clipping attached, was published in the regular and
issue of said newspaper, and not in any supplement thereof, for Two

consecutive weeks, commencing with the issue datedMarch 7, 1985, and ending with the issue datedMarch 14, 1985.

June 2, 1992

ESTHER LOMAN
HENRY LOMAN
RT 4 BOX 413
BUHL ID 83316

RE: WATER RIGHT NO. 47-07853

Dear Water Right Holder(s):

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

Sincerely,

PAMELA SKAGGS
Water Resource Agent

PS:cz

Enclosure

RECEIVED
JUN 11 1992

April 30, 1992

ESTHER LOMAN
HENRY LOMAN
RT 4 BOX 413
BUHL ID 83316

RE: WATER RIGHT NO. 47-07853

Dear Water Right Holder(s):

Enclosed is a draft copy of the license proposed to be issued on the above referenced water right.

This right is currently being reviewed by this office for licensing. The enclosed preliminary copy is subject to change upon further administrative review.

We ask that you review the proposed license and if you do not concur with the information, please let us know within 10 days.

Sincerely,

SHARLA CURTIS
Water Resource Agent

SC:clh

Enclosure

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JUN 11 1992

BENEFICIAL USE FIELD REPORT REVIEW

TO: FILE 47-7853

FROM: PAM SKAGGS *CS*

RE: PRIORITY ADVANCE REVIEW

DATE: 24-APR-1992

=====
This review memo is prepared to show the process for determining what elements were involved in advancement of the priority.

	<u>DATE</u>	<u>JULIAN</u>
PERMIT		
Permit priority Date:	JANUARY 20 1983	20
EXAM FEE NOTICE		
Exam Fee Notice Date:	AUGUST 12 1986	224
Exam Fee/Info Sheet Received Date:	OCTOBER 23 1986	296
Exam Fee or Info Due Date:	OCTOBER 11 1986	284
Days Late:		12 DAY(S)
NEW PRIORITY DATE		
Original Priority Date:	JANUARY 20 1983	20
Total Days Late:		12 DAY(S)
New Priority Date:	FEBRUARY 01 1983	32

MISSOURI
JUN 1 1992

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

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Department of Water Resources

A. GENERAL INFORMATION

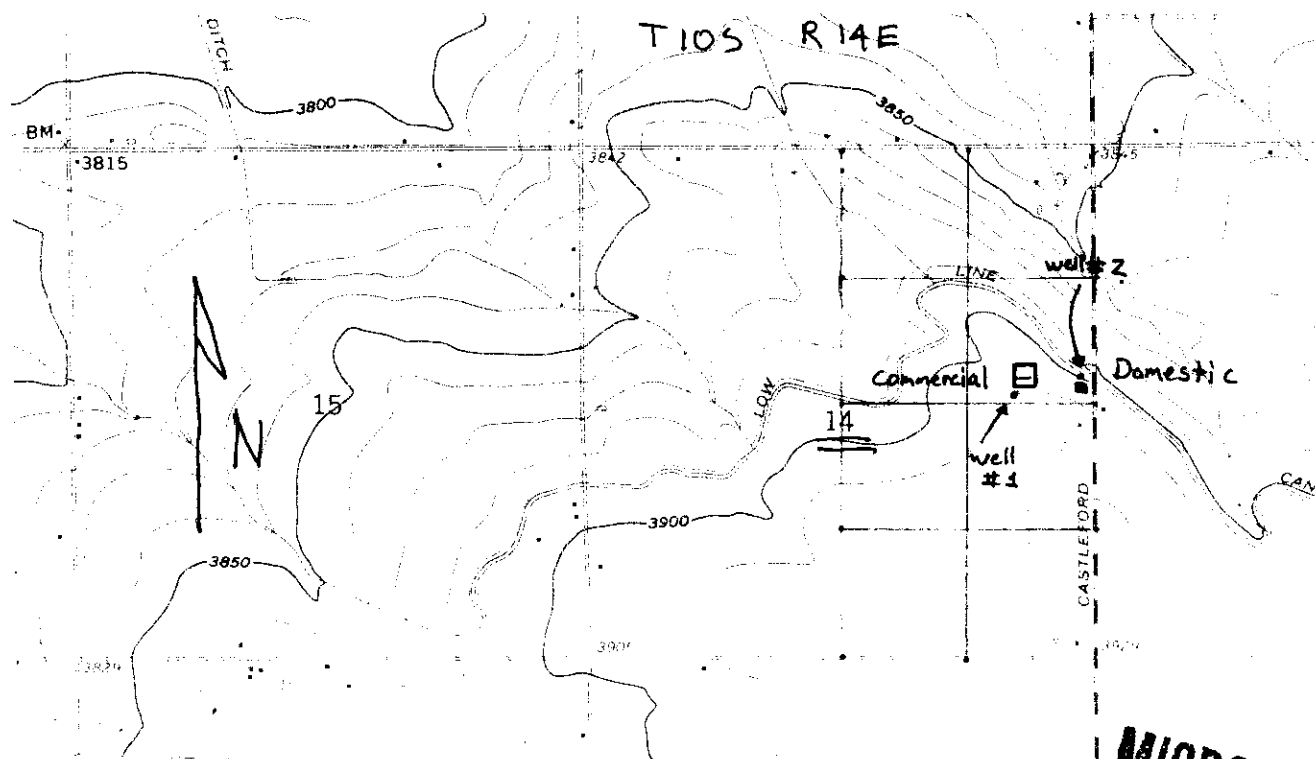
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Current Address: Rt. 4, Box 413, Buhl, Idaho, 83316 Phone No. 543-8855
2. Accompanied by: Ken Loman EXAM. DATE: 6/1/88
Address: Same Phone No. Same
Relationship to Permit Holder: Son
3. Source: Ground water tributary to N/A

B. OVERLAP REVIEW

1. Other water rights with same place of use: None ☐ Copies Attached
2. Other water rights with same point of diversion: None ☐ Copies Attached ☐ Copies of Field Exam's Attached

C. SYSTEM DESCRIPTION

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



Scale: 1" = _____

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

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System Description (continued)

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

Well #1 and #2 are connected at barn (Dairy)
 well #1 supplies storage tank, 11 watering troughs and provides wash water.
 Well #2 is used for 1 single family house, and Lawn. This well
 is also backup well for dairy use. Storage tank in dairy barn
 is 2000 gal. 350 head of dairy cattle, 320 head of springers heifers.

☐ See Remarks on page 4 for continuation

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
# 1		5			13FC 50GPM
# 2	Red Jacket	1 1/2		Red Jacket	148C 10GPM

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

5. Point(s) of Diversion:

Ident. No.	Gov't. Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
# 1		SE	SE	NE	14	10S	14E	Twin Falls	15' Quadrangle Map
# 2		SW	SE	NE	14	10S	14E	Twin Falls	" "

6. Place(s) of Use:

Indicate Method of Determination

Twp.	Rge.	Sec.	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Totals
			NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	
10S	14E	14				X													

X = (commercial dairy & Domestic Lvestock)

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JUN 11 1992

Do not use this space

Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

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

2. Measurements:

30 heads • 5/32" nozzles ^{Nelson} ~~Bainbridge~~, average pressure 29 psi, 18 min per washing
20 times per milking, milked twice a day. See H & W Report.

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

1. Measured Method:

pd #2 from pump curve! $Q_{cap} \approx 1.8 \text{ gpm} = 0.03 \text{ cfs}$
pd #1 from pump curve! $Q_{cap} \approx 5.8 \text{ gpm} = 0.13 \text{ cfs}$

2. Alternate Method for Checking Purposes:

pd #2: $Q = \frac{8.8 \times 1 \times .70}{2.31 \times 20 + 130} = 0.03$ pd #1: $Q = \frac{8.8 \times 5 \times .70}{2.31 \times 30 + 130} = 0.15 \text{ cfs}$

F. PUMP EFFICIENCY DATA (Optional)

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

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

Water HP: (3) x (4) ÷ 8.8 = _____ (5)

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

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

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

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

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

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

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

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

2. Volume Calculations for Other Uses:

Stock water - $320 \text{ head} \times 12 \text{ gpd/head} = 0.07 \text{ cfs}$
 $320 \text{ head} \times 0.0134 = 4.29 \text{ AFA}$

commercial: see attachment for calc.

$V_T = 12 \text{ AFA}$

1992

H. REMARKS AND OVERLAP REVIEW ANALYSIS

No measurements were taken due to recirculation of cooling water into the storage tank. Also the storage tank is laying on its side making depth vs. time measurement difficult. From pump curve Capacity of Commercial well ≈ 0.13 cfs.

AKH

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Domestic	Jan 1	Dec 31	0.03	1.2
Stockwater	Jan 1	Dec 31	0.07	4.3
Commercial (dairy)	Jan 1	Dec 31	0.13	12.0
Totals:			0.13	17.5

2. Recommended Amendments

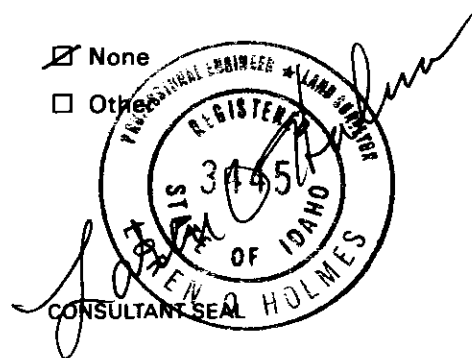
- ☐ Change P.D. as reflected above ☐ Add P.D. as reflected above
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above

☒ None

☐ Other

J. AUTHENTICATION

Field Examiner's Name Carl Reeb
Signature Carl E Reeb
Certification Date ~~5/1/88~~ 4/10/91
Field Report Preparation Date 6/1/88

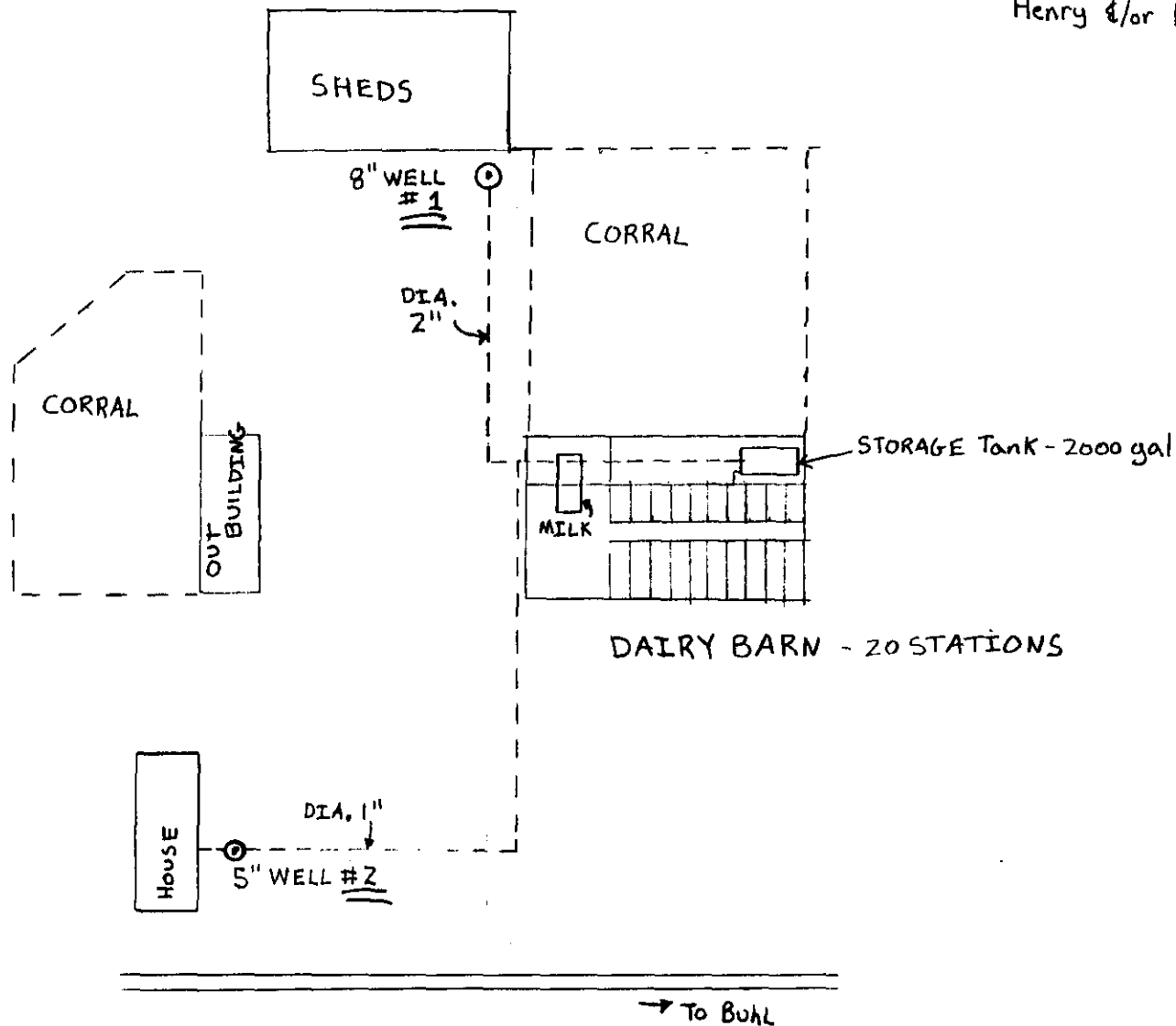


K. Licensing recommendation shall be prepared by an Idaho Department of Water Resources employee on a computer printout attached hereto.

RECEIVED

JUN 11 1992

Henry &/or Ester Loman # 41-1853



N

JUN 11 1992

Note: Watering troughs Located at Various Locations
In Corrals.

* Not To Scale

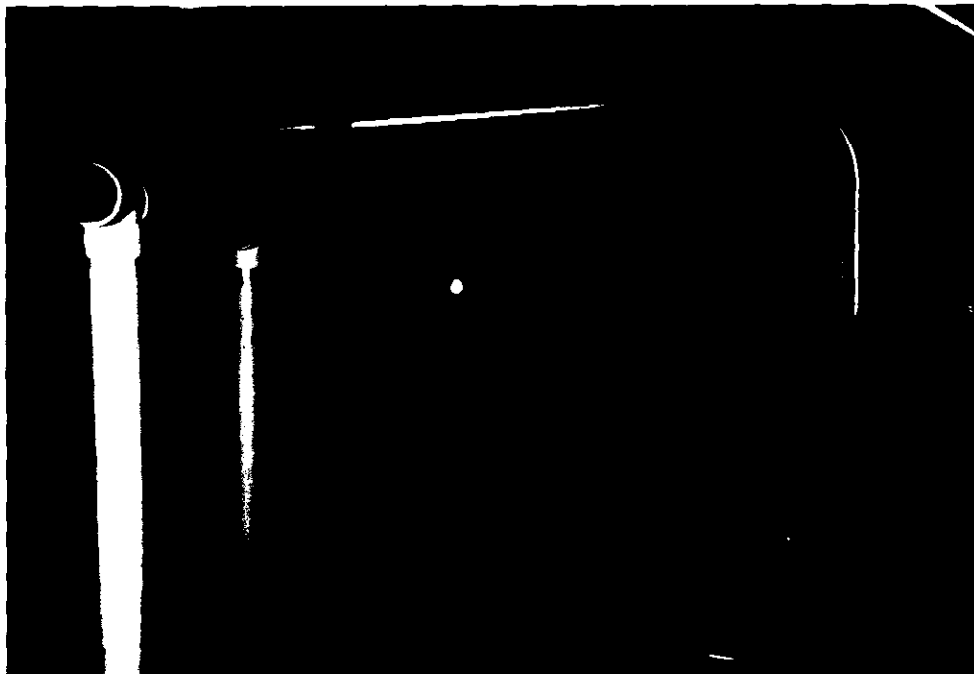


Well #1 : water for Dairy and watering troughs.



Well #2 : Domestic use

RECEIVED
JUN 1 1 1932



2000gal: storage tank



Inside Dairy Barn

MICROFILMED
JUN 11 1992

SYSTEM: Dairy NAME OF OWNER/OPERATOR: H. J. Loman
DATE: 12-27-84 CHECKED BY: _____ DATE: _____ LOCATION: _____
SUBJECT: Inventory of operation SHEET 1 of 2
SOIL TYPE: _____
NUMBER OF COWS: 300
AVERAGE LBS. LIVE WEIGHT: 1300 (Holsteins)
IS THERE A PERENNIAL STREAM? YES _____ or NO X
IF ~~YES~~, LOCATED WHERE: Low line canal directly north of operation
NAME OF STREAM: Low line Canal
MILKINGS PER DAY: two
TYPE OF WASH SYSTEM USED: Sprinklers (Nelson heads) "33" @ 12min per string (3)
GALLONS USED: 5052 per milking
CAPACITY OF BULK TANK (WATER USED FOR CLEANUP) 2,000 gal.
GALLONS USED PER CLEANUP: 300 gal per milking
SIZE AND TYPE CORRALS USED: _____

HOW OFTEN ARE CORRALS CLEANED: twice a year
WHAT IS DONE WITH MANURE FROM CORRALS: land applied to all fields

TYPE OF WASTEWATER MANAGEMENT SYSTEM USED FOR DAIRY: waste (wash water is pumped to lagoon system (planned to put in pump back system to take wash water and apply that to fields in summer
DOES SYSTEM HAVE A SOLIDS REMOVAL FACILITY? YES _____ or NO X*
IF YES, DESCRIBE: * planned to implement new system where a solids removal lagoon would be used.

IS OPERATION USING LAGOON? YES X or NO _____ ; ANAEROBIC X or AEROBIC _____
HOW PONDS ARE BEING USED: being redesigned
CAN PONDS BE DEWATERED SEPARATELY? YES X or NO _____

MICROFILMED design setup)

JUN 11 1992

Commercial Volume Calc. 17-7853

From Health & Welfare Report: see Attachment

$$\text{Washing: } \frac{5052 \text{ gal}}{\text{mil/King}} \times \frac{2 \text{ mil/King}}{\text{day}} \times \frac{365 \text{ day}}{\text{yr}} \times \frac{1 \text{ AF}}{325,850 \text{ gal}} = 11.34 \text{ AF}$$

$$\text{clean up: } \frac{300 \text{ gal}}{\text{mil/King}} \times \frac{2 \text{ mil/Kings}}{\text{day}} \times \frac{365 \text{ day}}{\text{yr}} \times \frac{1 \text{ AF}}{325,850 \text{ gal}} = .78 \text{ AF}$$

$$\text{Total Commercial Volume} = 12.12 \text{ AF}$$

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JUN 17 1992

POOR QUALITY

SYSTEM:

NAME OR OWNER/OPERATOR:

DATE: 84-12-27

SHEET 2 of 2

IS OPERATION USING LAND APPLICATION? YES or NO "Solid only, no liquid"

IF SO, WHAT FIELDS/HOW MANY ACRES: all fields

IF USING BOTH LAGOONS AND LAND APPLICATION, DESCRIBE HOW: Lagoon used

primarily for liquid retention and solids from lagoon is being used

GIVE AN OVERALL DESCRIPTION OF DAIRY OPERATION: The operation is a small gravity colander, but there is some material problem that need immediate attention. A adequate consideration and adequate burning along with some of the material to eliminate some of them. Overall is what is needed to bring German's dairy into compliance.

IS THERE A POTENTIAL SOURCE OF POLLUTION OF STREAM? IF SO, HOW SERIOUS IS IT? "yes"

As the operation stands it is in violation of water quality standard Regs. I have mentioned in the above question.

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JUN 11 1992

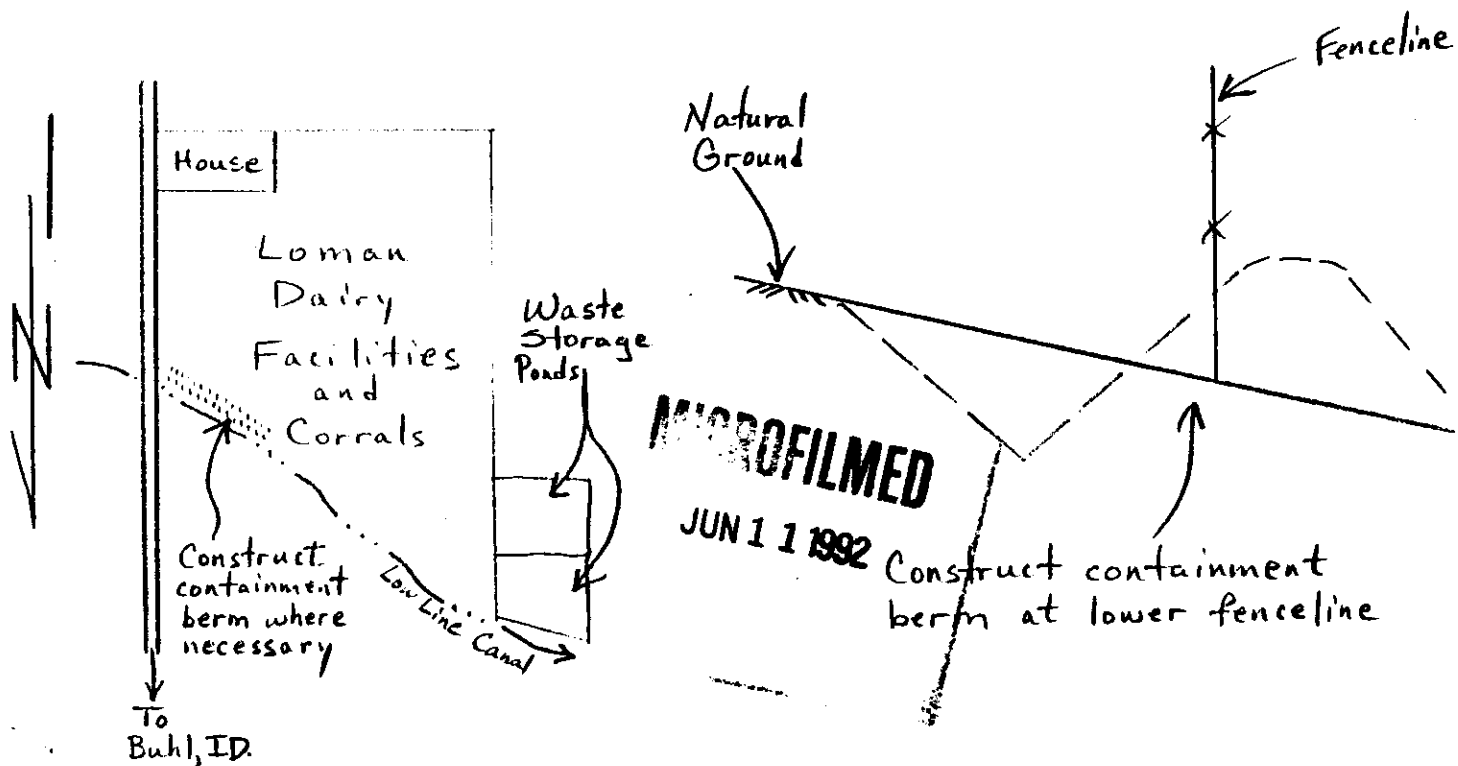
POOR QUALITY

Idaho Ken Loman - LOMAN DAIRY
K. Hasfurth 11-13-84
Containment of Animal Wastes

Situation: Animal wastes from the Loman Dairy are entering the Low Line Canal via surface runoff. The polluted runoff occurs when snowpack melts or substantial precipitation falls. Milkbarn wastewater is stored in two ponds situated northwest of the dairy facilities. The ponds do not appear to be a major polluter of the canal.

Recommendations:

- A) Build a berm with a level top at the lower fenceline of corrals and areas which are prone to let polluted runoff flow into the canal.
- B) Clean the sludge out of the existing waste storage ponds to regain some capacity. Fortify existing embankments where needed - possibly raise banks on lower pond. Tops of embankments need to be approximately level to obtain maximum storage.



RED JACKET[®] CN, RC, U_‡ & STANDARD MODELS

"BC" SUBMERSIBLE PUMPS

10 G.P.M. SERIES — Available in 2 & 3-Wire Models

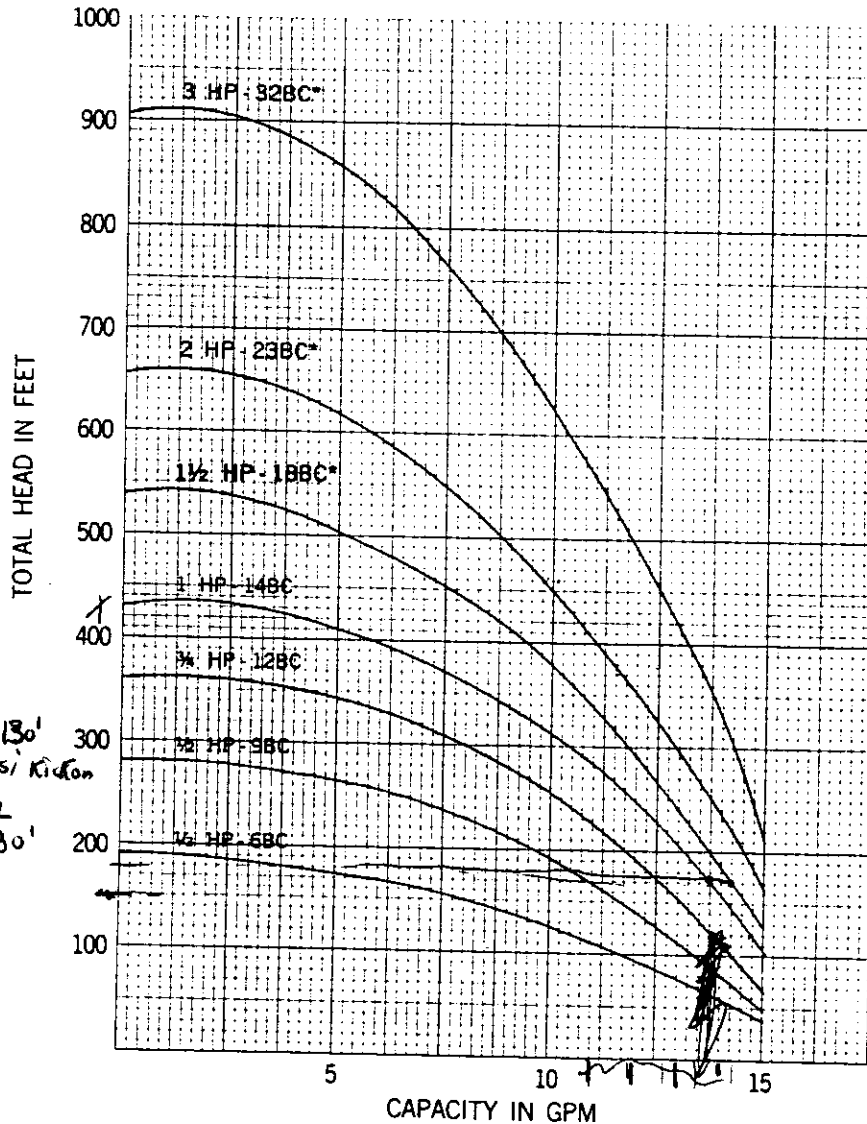
47-7853
Well #2

With capabilities to meet many domestic requirements, 10 GPM Series Red Jacket Submersible Noryl impellers and diffusers provide high abrasion resistance. Like all other Submersible Pumps, they feature Red

Jacket Engineered Simplicity — the simplest possible way to get the job done. To achieve this, Red Jacket engineers utilize every micro-inch of space and the fewest number of moving parts possible.

Henry Loman 1 HP 14BC

PERFORMANCE CURVES FOR 10 GPM SUBMERSIBLE SERIES "BC"



WL ≈ 130'
20psi Kickon

DWL
≈ 180'

*3-Wire Standard Construction Only.

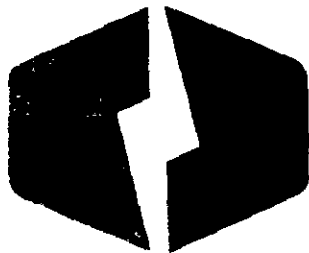
‡"U" Available in 1/2 thru 1 HP Only.

RED JACKET PUMPS • A MARLEY PUMP COMPANY
DAVENPORT, IOWA

MODEL BC 10 GPM RPM 3450

GUARANTEED AS MINIMUM PERFORMANCE ONLY IF CERTIFIED
MINIMUM WELL SIZE — 4" I.D.

MAILED
JUN 11 1982



RED JACKET™ 50 GPM SERIES "FC" PUMPS

BIG-FLO®

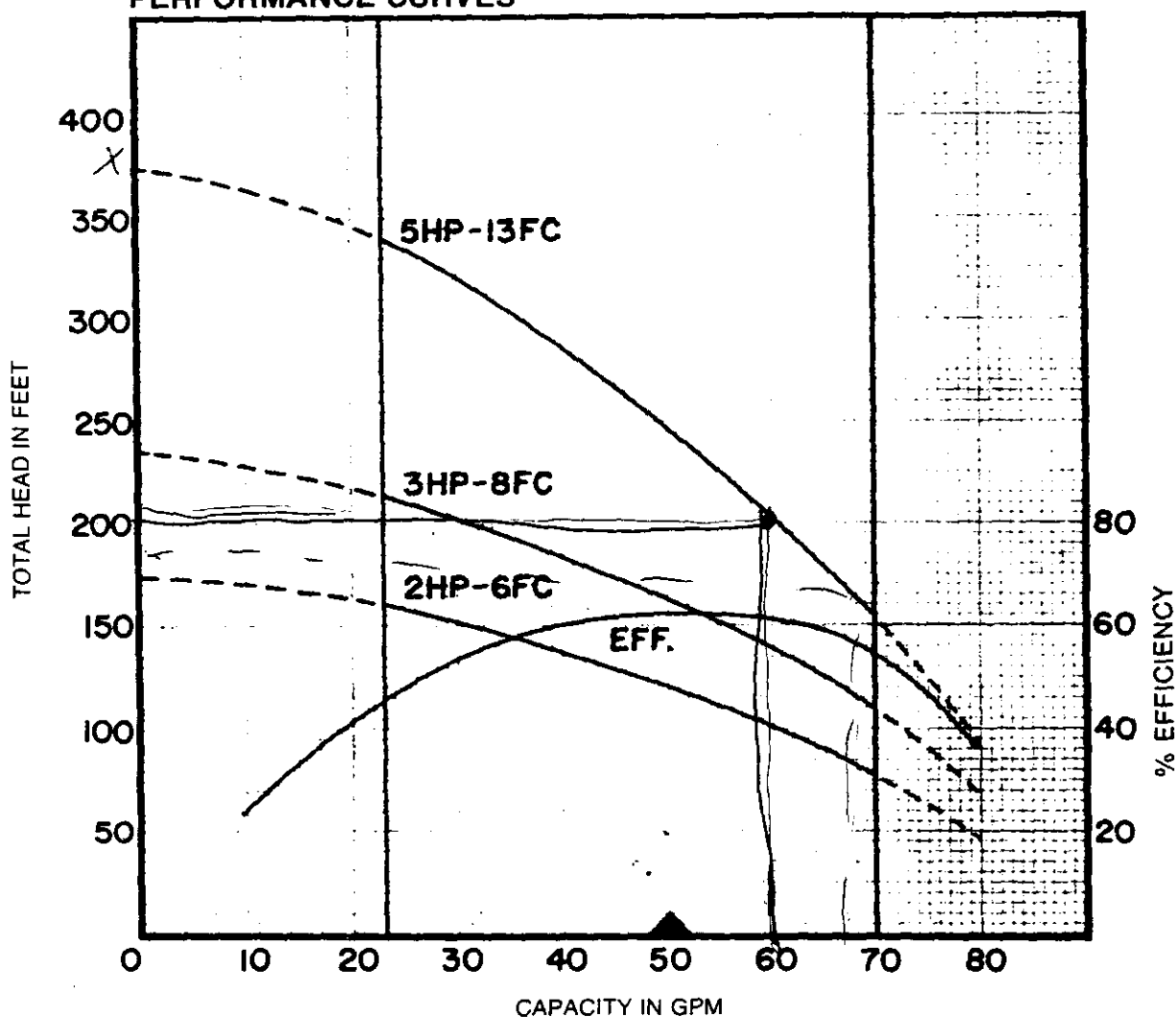
**DESIGNED FOR BIG CAPACITIES
FROM LOW WATER LEVELS**

The "Engineered Simplicity" design of impeller together with stage combinations and horsepower allow the 50 GPM Series to pump high capacities from water levels as low as 320 feet. This is

particularly applicable where large capacities are needed for farms or multiple home installations. Series "FC" pumps can be installed in four-inch wells.

Ken Loman 5HP-13FC

PERFORMANCE CURVES



*Well
130 ft
+
30 psi*



RED JACKET PUMP • A MARLEY PUMP COMPANY
DAVENPORT, IOWA

MODEL 50 GPM - "FC"
RPM 3450

STAGE "FC" SERIES

MICROFILMED
JUN 11 1992

GUARANTEED AS MINIMUM PERFORMANCE ONLY IF CERTIFIED

MINIMUM WELL SIZE: 4" I. D.

See 10/11/86

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
EXAMINATION FEE INFORMATION

For Office Use Only
Fee Received 50.00
Date 10/23/86
Receipt # 38782
Receipt by M. Baldwin
Sent to S.O. 10/23/86

1. Permit No. 47-7853 (From address on letter)

ONE OF THE FOLLOWING BOXES SHOULD BE MARKED TO DESIGNATE YOUR CHOICE:

☒ I choose to have the department make the field examination of this permit; attached is the examination fee. (If this box is marked, complete items 1 thru 8.)

2. Permit Holder: Nenny ^{or} and Esther Loman

3. Post Office Address: Rt 4 Box 413
Buhl, Id. 83316 Telephone No. 208-543-5768

4. Source of Water: 2 wells

5. Extent of Use:
Domestic X (No. of households) Stockwater X (No. and type of stock)
Irrigation _____ (acres) Other/Remark Commercial for Barn

6. Total rate &/or volume for which proof is submitted 20 cfs _____ acre-feet

7. Show the date water was first diverted and beneficially used under this permit:
1975

8. Person to contact to accompany the department representative during the field examination:

Ken Loman (Name)
Rt 2 Box 173 Buhl (Address) 208-543-5768 (Telephone Number)

☐ I choose to have the field examination conducted by a certified water right examiner. Attached is a statement from the certified examiner I have selected verifying that he has been retained to conduct the examination. (If this box is marked, complete items 1 thru 7.)

Date 9-25-85 Signature of Permit Holder (and title, if appropriate) Esther J. Loman (owner)

RECORDED
INDEXED
JUN 1 1986

State of Idaho

Department of Water Resources

LICENSE EXAMINATION FEE SCHEDULE

(c.f.s. = cubic feet per second
AF = acre feet)

cfs	AF	Fee
0 - 0.04	0 - 4	\$ 0
.05 - 0.20	5 - 20	50.00 X
.21 - 1.0	21 - 100	100.00
1.01 - 2.0	101 - 200	125.00
2.01 - 3.0	201 - 300	150.00
3.01 - 4.0	301 - 400	175.00
4.01 - 5.0	401 - 500	200.00
5.01 - 6.0	501 - 600	225.00
6.01 - 7.0	601 - 700	250.00
7.01 - 8.0	701 - 800	275.00
8.01 - 9.0	801 - 900	300.00
9.01 - 10.0	901 - 1000	325.00
10.01 - 11.0	1001 - 1100	350.00
11.01 - 12.0	1101 - 1200	375.00
12.01 - 13.0	1201 - 1300	400.00
13.01 - 14.0	1301 - 1400	425.00
14.01 - 15.0	1401 - 1500	450.00
15.01 - 16.0	1501 - 1600	475.00
16.01 - 17.0	1601 - 1700	500.00
17.01 - 18.0	1701 - 1800	525.00
18.01 - 19.0	1801 - 1900	550.00
19.01 - 20.0	1901 - 2000	575.00
20.01 & over	2001 & over	600.00

Checks should be made payable to the
Department of Water Resources

No fee is required for single family
domestic use or stockwater use.

1. Sorry - I was in such a rush
to take care of this I just sent
it off without remembering the
check.

E.L.

RECEIVED

OCT 23 1986

Department of Natural Resources
Southern Region Office

MICROFILMED

JUN 11 1992



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
SOUTHERN REGION

John V. Evans
Governor

A. Kenneth Dunn
Director

1041 Blue Lakes Blvd. North
Twin Falls, Idaho 83301
(208) 734-3578

October 23, 1986

Henry &/or Ester Loman
Rt. 4, Box 413
Buhl, ID 83316

Re: Permit No. 47-7853

Dear Mr. & Mrs. Loman:

Please find enclosed receipt No. 38782 in the amount of \$50.00 for examination fee received in this office 10/23/86 for the above referenced permit.

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

Very truly yours,

Mary A. Baldwin
Sec/Office Coord

Encl:

RECORDED
JUN 11 1992



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
SOUTHERN REGION

John V. Evans
Governor

A. Kenneth Dunn
Director

1041 Blue Lakes Blvd. North
Twin Falls, Idaho 83301
(208) 734-3578

October 6, 1986

Henry &/or Esther Loman
Rt. 4, Box 413
Buhl, ID 83316

Re: Permit No. 47-7853

Dear Mr. & Mrs. Loman:

Please find enclosed the Examination Fee Information form which you sent to our office but forgot to include a check for the required fee for the above-referenced permit No.

Your prompt attention to this matter would be greatly appreciated.

Very truly yours,

Mary A. Baldwin

Mary A. Baldwin
Sec/Office Coord

Encl:

MICROFILMED

JUN 1 1 1992



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
SOUTHERN REGION

John V. Evans
Governor

A. Kenneth Dunn
Director

1041 Blue Lakes Blvd. North
Twin Falls, Idaho 83301
(208) 734-3578

47-7853
LOMAN, HENRY
LOMAN, ESTHER
RT. 4 BOX 413
BUHL, ID 83316

138161
CERTIFIED MAIL

August 12, 1986

EXAMINATION FEE NOTICE

Dear Permit Holder:

Department records show that proof of beneficial use has been submitted for the above-referenced permit, but that a field examination has not yet been conducted to determine the extent of beneficial use of the water for licensing purposes.

House Bill 671 (effective April 4, 1986) enacted by the 1986 Idaho Legislature requires the payment of a fee before this department can conduct the field examination needed to issue a license confirming use of water under the permit. This letter is notification that the license examination fee is due within sixty (60) days of the date of this letter. The examination fee information sheet (enclosed) must be returned with the fee.

As an alternative to submitting the fee, the department will accept a field examination report completed by a certified water right examiner from the private sector. If you choose to have the examination done by a certified water right examiner, you need not submit the license examination fee to the department, but you must within sixty (60) days of the date of this letter return to the department, the examination fee information sheet showing appropriate information together with a statement from the certified examiner to verify that you have retained a certified examiner to conduct the field examination. If you choose this alternative, a completed field examination report must be submitted within one year of the date of this letter. You cannot later change your decision to use this alternative and submit the fee needed for the department to conduct the field examination, but you may change to another certified examiner.

Certified water right examiners are licensed engineers or geologists certified by the department to conduct water right examinations. The procedure for certifying examiners results from the recently enacted HB 671 and is being developed at this time. A listing of certified water

JUN 11 1992

right examiners will be available from this department when examiners have been certified.

If your permitted use, in fact, has already been examined by the department and you have not asked to have the examination repeated, the fee requirement is not applicable to your permit. If you believe this is the case, please contact the department.

The license examination fee is to be based on the amount of water you indicate you have developed, as listed in item 6 on the examination fee information sheet. The amount of water on which the examination fee is based can be less than the permitted amount, if less water has been diverted and beneficially used. The licensed amount of water, however, will not exceed the amount you claim on the examination fee information sheet. The enclosed license examination fee schedule shows a listing of applicable fees.

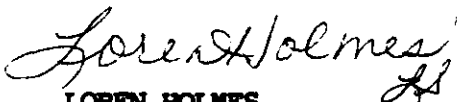
FAILURE TO SUBMIT WITHIN THE SIXTY (60) DAY PERIOD, THE FEE OR THE STATEMENT THAT A CERTIFIED EXAMINER HAS BEEN RETAINED TO MAKE THE FIELD EXAMINATION, WILL BE CAUSE TO ADVANCE THE PRIORITY OF THE PERMIT ONE DAY FOR EACH DAY THAT THE FEE SUBMITTAL IS LATE.

FAILURE TO SUBMIT THE FEE OR THE COMPLETED FIELD EXAMINATION REPORT WITHIN A YEAR WILL BE CAUSE TO CONSIDER THE PROOF OF BENEFICIAL USE TO BE INCOMPLETE AND TO LAPSE THE PERMIT.

The attached examination fee information sheet and the fee may be submitted to the following department office.

Southern Region
Idaho Dept. of Water Resources
1041 Blue Lakes Blvd. North
Twin Falls, ID 83301
Phone: 734-3578

Sincerely,


LOREN HOLMES
Southern Regional Manager

Enclosures

RECEIVED
JUN 11 1992

RECEIVED

MAR 18 1986

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
PROOF OF BENEFICIAL USE

RECEIVED
MAR 21 1986

Department of Water Resources
Southern District Office

Department of Water Resources

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

Permit No. 47-7853

Name(s) of Permit Holder: Henry &/or Esther Loman

Post Office Address: Route #4, Box 413, Buhl, ID 83316

Telephone No. 543-5768

Source of Water: Groundwater

Extent of Use:

Domestic one (number of households)

Stockwater 600 dairy (number and type of stock)

Irrigation _____ (acres)

Other/Remarks Commercial/dairy

Indicate the date water was first diverted and beneficially used under this permit: 1975

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

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

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

Ken Loman (Name)

Rt. 2 Box 713, Buhl, ID (Address) 543-4671 (Telephone Number)

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

3-18-86
Date

Mrs. Henry Loman
Signature of Permit Holder (and Title, if appropriate)

MICROFILMED

6-18-86
JF

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

- - - - -

STATEHOUSE
BOISE, IDAHO 83720
(208) 334-4440
MARCH 06, 1986

LOMAN, HENRY & ESTHER
RT. 4 BOX 413
BUHL, ID 83316

PERMIT APPROVAL NOTICE

RE: PERMIT NO. 47-7853

DEAR PERMIT HOLDER:

ENCLOSED IS A COPY OF YOUR APPROVED APPLICATION FOR PERMIT. WE DIRECT YOUR ATTENTION TO THE CONDITIONS OF APPROVAL ON THE FOURTH PAGE.

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 THE STATEMENT OF BENEFICIAL USE FORM THAT MUST BE SUBMITTED WHEN YOUR PROJECT IS COMPLETED.

SINCERELY,

DAVID R. TUTHILL, JR., P.E.
SUPERVISOR, WATER ALLOCATION SECTION

DRT: SC
ENCLOSURES

MICROFILMED



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
SOUTHERN REGION

John V. Evans
Governor

A. Kenneth Dunn
Director

1041 Blue Lakes Blvd. North
Twin Falls, Idaho 83301
(208) 734-3578

April 4, 1985

Gary Burkett
Department of Health & Welfare -
Division of Environment
P. O. Box 1626
Twin Falls, Idaho 83301

Re: Applications for Permit No. 47-7853, 47-7865, 47-7870,
47-7872, 47-7879, 47-7885, 47-7919, 47-7929

Dear Mr. Burkett:

Please find enclosed copies of the above referenced applications
for permit for your information and files.

Very truly yours,

Mary A. Newby
Sec/Office Coord.

for

Loren O. Holmes
Southern Region Supervisor

Encl:

MICROFILMED

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Southern Region

1041 Blue Lakes Blvd N.
Twin Falls, Idaho 83301
(208) 734-3578

FEBRUARY 22, 1985

Times News
P. O. Box 548
Twin Falls, Idaho 83301

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. We have allowed ample time for you to submit a galley proof to this office for review before the first publication date. If you cannot publish the notice on the proposed dates, please contact us immediately.

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

Please send the affidavit of publication and publication billing to this office before MARCH 25, 1985.

Yours truly,

Mary A. Newby
Secretary

Encl.

MICROFILMED

NOTICE OF APPLICATION FOR WATER RIGHT

Notice is hereby given that the following application(s) have been submitted for permit to appropriate the public waters of the State of Idaho:

42-2853

LOMAN, HENRY &/or ESTHER

RT. 4 BOX 413, BUHL, ID 83316

Source: GROUNDWATER

Date Filed: 01/20/1983

Diversion Pt: SENE Sec 14 T 10S R 14E

Use: STOCKWATER	(0.20 CFS)
COMMERCIAL	(0.20 CFS)
DOMESTIC	(0.04 CFS)

In: SENE Sec 14 T 10S R 14E

If issued, the permit(s) will be subject to all prior water rights. Protests against the granting of any permit must be filed with the Director of the Idaho Department of Water Resources, 1041 Blue Lakes Blvd. North, Twin Falls, Idaho 83301 and received on or before MARCH 25, 1985.

A. KENNETH DUNN

Director

Published 3/7/ & 3/14/85.

MICROFILMED

47-7000
LOMAN, HENRY &/or
ESTHER
Rt. 4, Box 413, Buhl, ID
83316
Source: Ground water
Date Filed: 01/20/1983
Diversion Pt: SENE
Sec 14 T 10S R 14E
Use: Stockwater (0.20
CFS)
Commercial (0.20 CFS)
Domestic (0.04 CFS)
In: SENE Sec 14 T 10S
R 14E

de
meyer
2/26/85