

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

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

CIVIL CASE NUMBER: 39576

Ident. Number: A36-08247

Date Received: 2/22/1990

Receipt No: M005982

Received By: RET

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: DON C. TOLMAN 208-324-4207
Address: 81 E. 400 S.
JEROME, ID 83338

AND/OR

Name: HAZEL F. TOLMAN 208-324-4207
Address: 81 E. 400 S.
JEROME, ID 83338

2. Date of Priority: JUN 12, 1984

3. Source: GROUNDWATER Trib. to:

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4 of	Lot	County
09S	17E	7	NE	NE			JEROME

5. Description of diverting works:
WELL, APPROX. 216' DEEP, PUMP

6. Water is used for the following purposes:

Purpose	From	To	C.F.S.	(or)	A.F.A.
STOCKWATER	01/01	12/31	0.080		
COMMERCIAL	01/01	12/31	0.020		
DOMESTIC	01/01	12/31	0.060		

7. Total Quantity Appropriated is:
0.080 C.F.S. (and/or)

A.F.A.

8. Total consumptive use is Acre Feet Per Annum.

9. Non-irrigation uses:

D/2 HOMES, STOCKWATER/400 COWS/CALVES, COMMERCIAL/DAIRY

A36-08247

Page 1

Date: 02/22/90

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10. Place of Use:

Township	Range	Section	1/4	of	1/4	Lot	Use	Acres
09S	17E	7	NE		NE		STOCK	
			NE		NE		DOMEST	
			NE		NE		COMMER	

11. Place of use in counties: JEROME

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

13. Other Water Rights Used:
NORTHSIDE CANAL WATER

14. Remarks:
2 points of diversion located in NENE, S7, T9S, R17E.

15. Basis of Claim: LICENSE

16. Signature(s)

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

Number of attachments: _____

For Individuals:

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

Signature of Claimant(s): *David C. Polman* Date: _____
_____ Date: _____

State of Idaho)
County of Jerome) SS.

Subscribed and sworn (or affirmed) before me this 22nd day
of February 19 90

Helen Harrington
Notary Public

Seal

Residing at Helen Harrington, Notary Public
Residing at Boise, Idaho
My Commission Expires December 1, 1994

R PROOF



CVR



MAPS



PHOTOS



MISC



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Water Right Number - R36-08247

Prefix Translation: RESEARCH

Old (D) Number -

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

*** C - CURRENT OWNER ***
TOLMAN

DON C

1 - 81 E 400 S

2 -

3 -

City- JEROME

State- ID Zip- 83338

Phone - 208-324-4207

TOLMAN

HAZEL F

1 - 81 E 400 S

2 -

3 -

City- JEROME

State- ID Zip- 83338

Phone - 208-324-4207

+ - - Priority Date - - + + - - - Region - - - + + - - - Stage - - - + + - - - Status - - - +
06/12/1984 17 SOUTHERN L - LICENSE+ - - - - Source - - - - + + - - - - - Tributary - - - - - +
GROUNDWATER+ - - - - Point of Diversion - - - - - +
TwN Rng Sec Tract Lot RFlg County

09S 17E 7 NE NE NE (53) JEROME

+ - - - - Water Use - - - - - +
Code Description Period From Period To Diversion Rate Diversion Volume
04 - STOCKWATER 01/01 12/31 0.080 11.90
10 - COMMERCIAL 01/01 12/31 0.020 0.60
43 - DOMESTIC 01/01 12/31 0.060 2.40+ - Total Div. Rate - + + - Total Div. Volume - + + - Total Consumptive Use - + + - KW Usage - +
0.080 14.90 1.2+ - - - - Place of Use - - - - - +
TwN Rng Sec Tract Lot Acres Code Description County
09S 17E 7 NE NE 04 STOCKWATER (53) JEROME
09S 17E 7 NE NE 10 COMMERCIAL (53) JEROME
09S 17E 7 NE NE 43 DOMESTIC (53) JEROME

Total Acres:

+ - - Diversion Means - WELL, APPROX. 216' DEEP, PUMP

+ - - Non-Irrigation Use - DOMESTIC/2 HOMES; STOCK 140 DAIRY, 210 DRY STOCK, COMMERCIAL/DAIRY

+ - - Other Rights for Same Use - NONE

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Water right number - R36-08247

Prefix Translation: RESEARCH

+ - - - - Remarks - - - - -
TWO POINTS OF DIVERSION LOCATED IN NENENE, S07, T09S, R17E.

+ - - - - Old Water Right Numbers - - - - -
No Old Water Right Numbers Found

+ - - - - Conditions of Approval - - - - -
No Conditions of Approval found.

+ - - - Decree Plaintiff - - - + + - - - Decree Defendant - - - + + - Decree Date - +
00/00/0000

+ - - - - Comments - - - - -
No Comments Found

+ - - Audit Fields - - +
04/28/92 WORSTELL

+ - - - - Adjudication Rights Dates and Flags Area - - - - -

Court Report Filing	- 00/00/0000	Field Inspection Made	- 00/00/0000	Civil Case Number	- 39576
Objection Filed Date	- 00/00/0000	Field Inspection Flag	-	Old Case Number	-
Response Filed Date	- 00/00/0000	Verified Date	- 04/28/1992	Old Judicial District	-
Claim Received Date	- 02/22/1990	Last Amended Date	- 00/00/0000	Temporary Right	- P
		Receipt Number	- M005982	Water District	-
		POU Ownership Flag	- Y	Federal/State Indicator	- S
		Name Connector	- AND/OR	Presumption Flag	-
				Notice of Error Flag	-

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A. CHECK ONLY THE FOLLOWING THAT APPLY:

OWNERSHIP _____
FOREIGN/ABANDON _____
ADDITIONAL DIV. AMOUNT _____

ACCEPTED
AS CLAIMED
N/A

NEEDS
REVIEW
()
()
()

B. SPLIT WATER RIGHT REVIEW

ROOT WATER RIGHT NUMBER: 36-08247

TOTAL DIVERSION RATE OF WR SPLITS

DATABASE
0.080

EXAMINER
N/A

CFS

SPLITS:

OLD RIGHT
NUMBERS

CURRENT
CLAIM NUMBERS

DIVERSION
RATE

CURRENT "R"
CLAIM NUM.

"R" DIV.
RATE

WR RIGHT
NUMBERS

DIVERSION
RATE

-

A36-08247

0.080

-

36-08247

0.080

TOTAL CFS

0.080

0.080

DIVERSION RATE REVIEW

DO THE SUM CFS RATE OF THE SPLITS EQUAL THE ROOT RIGHT CFS RATE? (Y/N)
IF NO, is the written review sheet attached? (Y/N)

DATABASE

FIELD
EXAMINER

N/A

REMARKS:

AUTHENTICATION:

SIGNATURE: *W*

NAME OF FIELD EXAMINER: _____

Steve Chell 12-10-91

DATE: 12/4/90

TITLE: _____

B.V.W
3/3/92

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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM VERIFICATION REPORT

00:00:15
09/08/90

PAGE: 12
QUICKLOOK INFORMATION

CLAIM NUMBER: A36-08247

WR ELEMENT	FIELD EXAM Y/N	CORRESPONDENCE SENT/RECEIVED BY WHOM/DATE	FIELD EXAM BY WHOM/DATE	CHANGE CLAIM Y/N	VERIFIED BY CODE	COMPLETED REVIEW WHOM/DATE	COMPLETED DATA ENTRY WHOM/DATE	VERIFIED DATE WHOM/DATE
PRIORITY DATE								
POINT OF DIV	Y			N		SW 12-10-91	QB	B.V. 2/1
SOURCE				Y	6			3/3/92
USE OF USE	Y			N				
DIV. AMOUNT CFS/VOLUME				N	6.			
CONSERVATIVE USE				Y	6.			
PURPOSES				N				
PERIOD OF USE				N				
BASIS OF CLAIM				N				
REMARKS	Y			N				
				Y				

"VERIFIED BY" CODES

TOPO MAP/ORTHO-PH = 1
 ASCS MAP = 2
 WATERMASTER RECORDS = 3
 NAEP PHOTOS = 4
 FIELD EXAM = 5
 OTHER (SEE REMARKS) = 6

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

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM VERIFICATION REPORT

00:00:15
09/08/90

PAGE: 1
GENERAL INFORMATION

CLAIM NUMBER: A35-08247

LAST: TOLMAN
ADDRESS: 81 E. 400 S.
CITY: JEROME
PHONE NUMBER: 208-324-4207

FIRST: HAZEL F.
STATE: ID ZIP: 83338

OWNER CODE: C

LAST: TOLMAN
ADDRESS: 81 E. 400 S.
CITY: JEROME
PHONE NUMBER: 208-324-4207

FIRST: DON C.
STATE: ID ZIP: 83338

OWNER CODE: C

FIELD EXAM REQUIRED?

VERIFICATION REQUIRED DUE TO REMARKS?

DATABASE
Y

FIELD
EXAMINER

CLAIM REMARKS: 2 points of diversion located in NENE, S7, T9S, R17E.

For

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CONTACT PERSON: _____

PHONE NUMBER: (____) ____-____

DATE OF FIELD EXAM: ____/____/____

APPOINTMENT MADE: Y(____) N(____)

TIME: ____:____ A(____) P(____)

ACCOMPANIED BY: _____

PHONE NUMBER: (____) ____-____

RELATIONSHIP TO CLAIMANT: _____

DIRECTIONS TO PROPERTY / REMARKS:

A. AJ CLAIM: # A36-08247 PRIORITY DATE: 06-12-1984 STAGE: L
B. WR RECORD: # 36-08247 PRIORITY DATE: 06-12-1984 STAGE: L

C. FIELD EXAM REQUIRED?

DUE TO PRIORITY DATE DISCREPANCY? (Y/N)

DATABASE
N

FIELD
EXAMINER
W

ARE THERE OBVIOUS REASONS TO QUESTION THE PRIORITY DATE CLAIMED? Y() N(☒)
IF YES EXPLAIN.

REMARKS:

RECOMMENDED PRIORITY DATE:
06-12-1984

REVIEWED BY W

DATE

12/4/90

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A. AJ CLAIM POINT OF DIVERSION AND SOURCE:

RIGHT	TWP.	RGE.	SEC.	1/4	1/4	1/4	LOT	CNTY
A36-08247	09S	17E	7	<i>Ne</i>	NE	NE		JEROME

OTHER AJ CLAIMS WITH SAME AJ POD
A PREFIX R PREFIX
NONE NONE

WR RECORDS IN SAME 40 ACRE TRACT
NONE

SOURCE: GROUNDWATER

TRIB:

B. WR POINT OF DIVERSION AND SOURCE:

RIGHT	TWP.	RGE.	SEC.	1/4	1/4	1/4	LOT	CNTY
-08247	09S	17E	7		NE	NE		JEROME

OTHER WR RECORDS WITH SAME WR POD

AJ CLAIMS IN SAME 40 ACRE TRACT
A PREFIX R PREFIX
NONE NONE

SOURCE: GROUNDWATER

TRIB:

C. FIELD EXAM REQUIRED?

DUE TO POD DISCREPANCY? (Y/N)
DUE TO SOURCE DISCREPANCY? (Y/N)

DATABASE
Y
N

FIELD
EXAMINER

REMARKS:

confirmed with orig. lic. exam

RECOMMENDED POINT(S) OF DIVERSION AND SOURCE:

TWP.	RGE.	SEC.	1/4	1/4	1/4	LOT	COUNTY
<u>9n</u>	<u>12e</u>	<u>7</u>	<u>Ne</u>	<u>Ne</u>	<u>Ne</u>	<u>---</u>	<u>53</u>

SOURCE: GROUNDWATER

TRIB:

REVIEWED BY: W

DATE: 12/4/90

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A. ROOT WATER RIGHT NUMBERS: A36-08247

B. POU LISTING

TWP	RNG	SEC	1/4	1/4	LOT	NAME	AJ #/ACRES	WK #/ACRES	LANDSAT DATA	FIELD EXAM.	RECOMM. ACRES
09S	17E	7	NE	NE		TOLMAN, HAZEL F. LARGE CLAIM	A36-08247 7 A01-00212Z3/40.0	36-08247 7 -	39.0		S
09S	17E	7	NE	NE		TOLMAN, HAZEL F. LARGE CLAIM	A36-08247 7 A01-00212Z3/40.0	36-08247 7 -	39.0		D
09S	17E	7	NE	NE		TOLMAN, HAZEL F. LARGE CLAIM	A36-08247 7 A01-00212Z3/40.0	36-08247 7 -	39.0		C
TOTAL ACRES						A36-08247			117.00		

IRRIGATED ACRES FOUND IN TRACTS OTHER THAN INDICATED ABOVE, Y() N()
(ES SEE ATTACHED SHEET: X

C. FIELD EXAM REQUIRED?

DUE TO POU DISCREPANCY? (Y/N)

DATABASE
Y
FIELD
EXAMINER

PRESUMPTION FLAG:

REMARKS:

RECOMMENDATIONS:

TOTAL ACRES: 117

REVIEWED BY: in

DATE: 12/4/90

A. AJ CLAIMED USES:

PURPOSES	MONTH/DAY	DIVERSION QUANTITY
A36-08247 STOCKWATER	FROM 01-01 TO 12-31	.080 CFS
A36-08247 COMMERCIAL	FROM 01-01 TO 12-31	.020 CFS
A36-08247 DOMESTIC	FROM 01-01 TO 12-31	.060 CFS
TOTAL DIVERSION RATE/VOLUME CLAIMED		.080 CFS

B. WR RECORDED USES:

PURPOSES	MONTH/DAY	DIVERSION QUANTITY
36-08247 STOCKWATER	FROM 01-01 TO 12-31	.080 CFS 8.30 AF/A
36-08247 COMMERCIAL	FROM 01-01 TO 12-31	.020 CFS 1.20 AF/A
36-08247 DOMESTIC	FROM 01-01 TO 12-31	.060 CFS 2.40 AF/A
TOTAL DIVERSION RATE/VOLUME CLAIMED		.080 CFS 11.90 AF/A

PRESUMPTION FLAG:

C. FIELD EXAM REQUIRED?

	DATABASE	FIELD EXAMINER
DUE TO WATER-USE DISCREPANCY? (Y/N)	N	<u> N </u>
DUE TO DIVERSION RATE DISCREPANCY? (Y/N)	N	<u> N </u>
DUE TO PERIOD FROM/TO DISCREPANCY? (Y/N)	N	<u> N </u>

D. PERIOD OF USE:

RECOMMEND AS CLAIMED?

Y(/) N()

RECOMMEND TO WR STANDARDS OR OTHER?

Y() N() Explain in remarks, below.

REMARKS:

as claimed

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A. DOES DIVERSION RATE CLAIMED AGREE WITH EXISTING RECORDS?

Y(☒) N(☐)

AJ TOTAL CLAIMED DIVERSION RATE: 0.080 CFS
WR ROOT RIGHT TOTAL DIVERSION RATE: 0.080 CFS

*** IF NO or IF STATUTORY CLAIM or BENEFICIAL USE then flow measurement required. ***
** If an amount smaller than the original diversion rate is **
** claimed and an exam is NOT required, explain in remarks. **

FLOW MEASUREMENT REQUIRED?

DUE TO STAGE OR DIVERSION RATE DISCREPANCY? (Y/N)

FIELD
DATABASE EXAMINER
Y

FLOW MEASUREMENT

MEASUREMENT METHOD _____, SEE ATTACHED CALCULATIONS.

C. ARE OTHER WATER RIGHTS USED? Y(Y) N(☐) IF YES COMPLETE OVERLAP REVIEW.

OTHER RIGHTS LISTED IN CLAIM: NORTHSIDE CANAL WATER

LIST ALL RIGHTS WITH A SAME POU AND IRRIGATION USAGE:

CLAIM	SOURCE	NAME	DIV. RATE	DIV. RATE/ACRE	DIV. VOL.	DIV. VOL./ACRE
A01-00212Z3	LARGE CLAIM	LARGE CLAIM	9999999.000	303.196		
NO RIGHTS WITH SAME POU BUT NOT USED FOR IRRIGATION						

D.

RATE/VOLUME CALCULATIONS: (IRRIGATION)

1a. IRRIGATION RATE

ACRES x 0.02 CFS/ACRE = CFS
(Taken from p/u review)

1b. CALCULATIONS

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

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

2. IRRIGATION CONSUMPTIVE USE

CLAIMED CONSUMPTIVE USE = AE/A
ACRES x CONSUMPTIVE VOL. AE/A FOR AREA =
TOTAL CONSUMPTIVE USE AE/A

3. IRRIGATION DIVERSION VOLUME

CLAIMED DIVERSION VOLUME = AE/A
ACRES x DIVERSION VOL. AE/A FOR AREA =
TOTAL DIVERSION VOLUME AE/A

4. CALCULATIONS FOR USES OTHER THAN IRRIGATION:

SEE ATTACHED SHEET? Y() N()

REMARKS: (Include limitations on CONSUMPTIVE USE for combined rights.)

see as licensed

*NOTE: STOCKWATER FOR DAIRY COWS
APPEARS TOO LOW BY STANDARD RATES

THE RATE GIVEN IS FOR 150 HEAD
400 HD DAIRY NEEDS 0.26 cfs.

Licensed for 140 dairy and 210 non dairy
0.13
0.07
0.20
R.V.W.

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RECOMMENDATIONS:

REC. PURPOSES	REC. PERIOD FROM TO	REC. DIV RATE CFS	REC. DIV VOL. AF/A	REC. CONS. USE
		DATABASE EXAMINER	DATABASE EXAMINER	DATABASE EXAMINER
STOCKWATER	01-01 12-31	0.080	8.3	0.0
COMMERCIAL	01-01 12-31	0.020	1.8 2.32	0.8
DOMESTIC	01-01 12-31	0.060	2.4	1.2
TOTAL FOR THIS RIGHT		0.080	11.9 13.02	2.0
REVIEWED BY: <i>W</i>	DATE: 12/4/90			R VW 3/3/92

Cow wash
 $(140 \text{ cows} \times 1.2) + 109.3 = 162 + 109.3 = 271.3 \text{ Ft}^3/\text{day}$
 $\frac{271.3 \text{ Ft}^3/\text{day} \times 365}{43560} = \frac{107.2}{43560} \text{ AF/A}$
Manual cow wash
 $\frac{277 \text{ Ft}^3/\text{day} \times 365}{43560} = \frac{107.2}{43560} \text{ AF/A}$
 $0.60 \text{ AFA} - \text{Milk Cons. Use}$
 $2.42 \text{ AFA} - \text{Total}$
 1.67

For 2000's

FILE NUMBER ----- 36-08247
REVIEWER ----- RVW 4/28/92

TOLMAN

DAIRIES: WATER USE WORKSHEET

REQUIRED DAIRY DATA

NUMBER OF MILKING CATTLE ----- 140
NUMBER OF NONMILKING CATTLE ----- 210
IF LAGOON IS AEROBIC, ENTER ITS SURFACE AREA IN ACRES;
IF ANAEROBIC, ENTER ZERO ----- 0.0
EVAPOTRANSPIRATION FACTOR FOR AREA (AC-FT/AC-YR) ----- 4
ENTER 1 FOR MANUAL COW WASHING, 2 FOR AUTOMATIC, OR 3 IF
SPRINKLERS ARE USED TO FLUSH HOLDING PEN AND WASH COWS - 1
NUMBER OF MILKINGS PER DAY ----- 2

CALCULATIONS

DIVERSION RATE FOR STOCKWATER (CFS):

MILKING CATTLE (NUMBER OF CATTLE ROUNDED UP) * --- 0.13
MILKING CATTLE @35 GPD/HD ----- 0.09
NONMILKING CATTLE (NUMBER OF CATTLE ROUNDED UP) * 0.07
NONMILKING CATTLE @12 GPD/HD ----- 0.05
TOTAL (BASED UPON ROUNDED NUMBERS) ----- 0.20

DIVERSION VOLUME (AFA):

STOCKWATER
MILKING CATTLE (NUMBER OF CATTLE ROUNDED UP) * --- 7.8
MILKING CATTLE @35 GPD/HD ----- 5.5
NONMILKING CATTLE (NUMBER OF CATTLE ROUNDED UP) * 4.0
NONMILKING CATTLE @12 GPD/HD ----- 2.8
TOTAL (BASED UPON ROUNDED NUMBERS) ----- 11.9

COMMERCIAL
WASHING OF BULK TANK AND RELATED EQUIPMENT ----- 0.4
PARLOR FLOOR AND MILKHOUSE FLOOR ----- 0.1
CATTLE WASHING BASED UPON METHOD OF WASHING ----- 0.2
TOTAL ----- 0.6

TOTAL DIVERSION VOLUME ----- 12.5

CONSUMPTIVE USE VOLUME (AFA):

STOCKWATER
MILKING ----- 1.2
NONMILKING ----- 0.0
TOTAL ----- 1.2

COMMERCIAL ----- 0.0

TOTAL CONSUMPTIVE USE ----- 1.2

* NUMBER OF CATTLE ROUNDED UP TO AGREE WITH EXISTING TABLES.

THEORETICAL FLOW ESTIMATION WORKSHEET

REQUIRED PUMP INFORMATION

	PUMP 1	PUMP 2	PUMP 3
PUMP HORSEPOWER (HP) -----	1.50	1.50	0.00
LIFT (FT) -----	120	120	0
DISCHARGE PRESSURE (PSI) -----	0	0	0
FRICTION LOSSES (FT) -----	0.0	0.0	0.0

CALCULATIONS

THEORETICAL FLOW RATE (CFS) * -----	0.08	0.08	0.00
DIVERSION VOLUME (AFA) ** -----	55.7	55.7	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 CONTINUOUSLY EVERY
DAY OF THE YEAR.

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Phone
CONVERSATION MEMORANDUM

324-4207

NAME OF PARTY Hazel Tolman
EMPLOYEE: R. V. Worstell

DATE 3/5/92 9 am
FILE 36-08247

RE: Dairy Consumptive Use

Mrs Tolman replied that the 140 Dairy cows and 210 dry stock claimed 2/22/90 was correct. The number of cows has now increased to 150. They milk 2 times/days and use manual cow washing.

The barn waste water is used for irrigation after holding in concrete lined "Tanks".

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Form 219
6-76

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED
SEP 16 1987

A. GENERAL INFORMATION

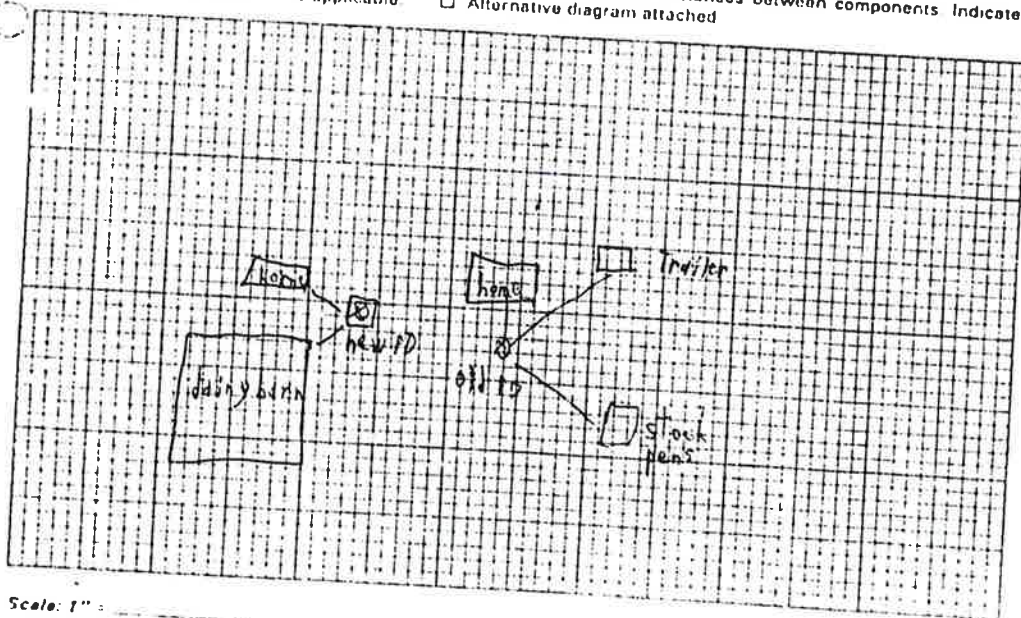
1. Owner Don C. & Hazel F. Tolman Permit No. 86-8547
Current Address 81 East 400 South, Jerome, ID 83338 Phone No. 334-4207
2. Accompanied by: Mrs. Tolman
Address: _____ EXAM. DATE: 6-19-86
Relationship to Permit Holder: _____ Phone No. _____
3. Source Groundwater tributary to _____

B. OVERLAP REVIEW

1. Other water rights with same place of use: _____
2. Other water rights with same point of diversion: _____
☐ 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 single household domestic groundwater and stockwater)
☒ Aerial Photo Attached
(required for irrigation of 10 acres or more)

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System Description (continued)

3. Narrative: Description. As operating at time of measurement. Indicate pressure, number of sprinklers, etc.)
 Two wells & pumps. Wells are not connected. Old well serves 2 homes & provides stock water. New well serves 1 home & dairy barn. There are 140 dairy cows & 210 dry cows & calves. Commercial use is from garden-type hose only. Old pump rated 18 gpm. New pump rated 22 gpm at 120' to water at 50 psi.

☐ See Remarks on page 4 for continuation

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
Old 1	Red Jacket	1 1/2	Model 150	Red Jacket	Model 105C
New 2	" "	1 1/2	" "	" "	Model 105C

*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		NE	NE	NE	7	9S	17E	Jerome	See Aerial photo.
2		"	"	"	"	"	"	"	

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	
9S	17E	7	D																
			S																
			C																

Do not use this space

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Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

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

2. Measurements:

Pumps rated 40 gpm Total by pump installer/driller Smith Drilling & C Jerome ID.

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

1. Measured Method 40 gpm = 0.09 cfs

2. Alternate Method for Checking Purposes:

F. PUMP EFFICIENCY DATA (Optional)

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

Total Head: (1) + (2) = _____ (3)

; Flow rate: _____ cfs (4)

Water HP (3) x (4) ÷ 8.8 = _____ (5)

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

Meter Input HP (3) 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

$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$ _____

$V_{DA} = (\text{Diversion Rate (cfs)}) \times (\text{Days in Irrigation Season}) \times 1.9835 = .08 \times 365 \times 1.9835 = 57.9$

$V = \text{Smaller of } V_{IR} \text{ and } V_{DA}$

2. Volume Calculations for Other Uses

D - 2 homes x 1.2 AFA/home = 2.4 AFA

S - 140 dairy x .0391 AFA/d = 5.5 AFA 210 non-dairy x .0134 AFA/d = 2.8 AFA

C - .02 cfs x 2 hrs/d x 365 d/yr = 1.2 AFA

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H. REMARKS AND OVERLAP REVIEW ANALYSIS

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afn)
	From	To		
Domestic	1-1	12-31	0.06	2.4
Livestock	1-1	12-31	0.08	8.3
Commercial	1-1	12-31	0.02	1.2
Totals:			0.06	11.9

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

J. AUTHENTICATION

Field Examiner's Name

Signature

Certification Date

Field Report Preparation Date

J. E. Stanton

J. E. Stanton

5/15/87

8/12/86



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

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~~exam~~ proof
file

10 day

RECOMMENDED AMOUNTS

- | Permit No. | Priority | Amount | App. Date | Date Proof Submitted | System Capacity |
|------------|-----------|----------|-----------|----------------------|-----------------|
| 36-8247 | 6-12-1984 | 0.08 cfs | 6-12-1984 | 6-18-1986 | 0.09 cfs |

4. Permit Holder: Don C. &/or Hazel F. Tolman

Address: 81 East 400 South, Jerome, ID 83338

5. Source: qw tributary to ✓

6. Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
<u>Stockwater</u>	<u>1-1</u>	<u>12-31</u>	<u>0.08 cfs</u>	<u>8.3 AFA</u>
<u>Commercial</u>	<u>1-1</u>	<u>12-31</u>	<u>0.02 cfs</u>	<u>1.2 AFA</u>
<u>Domestic (2)</u>	<u>1-1</u>	<u>12-31</u>	<u>0.06 cfs</u>	<u>2.4 AFA</u>

Allowable Maximums: 0.08 cts 11.9 AFA

7. Point(s) of Diversion: ✓

[illegible]

8. Place(s) of Use ✓

[illegible]

- 9. Recommended Conditions/Remarks:**

2 pld in NENE, S7, T9S, R17E.
Commercial use is for a dairy barn.

- ## 10. 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 _____

11. Examiner's Signature _____

Checked in Regional Office by _____

Approved in State Office by H. Walker

license will
limit commercial
use to 0.02 cfs
instead of 0.04
as permitted

Date _____

Date _____

Date _____