

5400

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: A36-07941
Date Received: 9/21/89
Receipt No: 1004623
Received By: gae

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: QUINN W. BAILEY 208-436-6597
Address: RT. 4 BOX 260
RUPERT, ID 83350
OR
Name: PATSY J. BAILEY 208-436-6597
Address: RT. 4 BOX 260
RUPERT, ID 83350
2. Date of Priority: SEP 17, 1980
3. Source: GROUNDWATER Trib. to:
4. Point of Diversion:
Township Range Section 1/4 of 1/4 of 1/4 Lot County
08S 25E 28 SE SW MINIDOKA
5. Description of diverting works:
WELL 125' DEEP, 6" CASING, 3 HP PUMP.
6. Water is used for the following purposes:

Purpose	From	To	C.F.S	(or)	A.F.A.
STOCKWATER	01/01	12/31	0.090		
COMMERCIAL	01/01	12/31	0.040		
7. Total Quantity Appropriated is:
0.130 C.F.S. (and/or) 5.90 A.F.A.
8. Total consumptive use is Acre Feet Per Annum.
9. Non-irrigation uses:
S/100 DAIRY C/DAIRY

10. Place of Use:

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
08S	25E	28	SE	SW		STOCK	
			SE	SW		COMMER	

11. Place of use in counties: MINIDOKA

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

13. Other Water Rights Used:
NONE

14. Remarks:

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): James W Bailey Date: 9-21-89

Date: _____

State of Idaho)
County of Minidoka) SS.

Subscribed and sworn (or affirmed) before me this 21 day

of Sept. 19 89

John Dalton
Notary Public

Seal

Residing at Boise Id

My Commission Expires 4/3/94

AJ5809NP
No. R36-07941

IDAHO DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM PROFILE REPORT

DATE: 12/02/97
PAGE: 5

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM TO	DIVERSION RATE	DIVERSION VOLUME
C	QUINN W BAILEY	09/17/1980	STOCKWATER	01-01 12-31	0.09 CFS	5.30 AFA
C	PATSY J BAILEY		COMMERCIAL	01-01 12-31	0.04 CFS	0.60 AFA
	RT 4 BOX 260					
	RUPERT ID 83350			TOTAL DIVERSION:	0.13 CFS	5.30 AFA
	(208) 436-6597			CONSUMPTIVE USE:		0.60 AFA

Water Source: GROUNDWATER

Tributary to:

Stage: LICENSE

Point(s) of Diversion: T08S R25E S28

SESESW

MINIDOKA County

Place of use Legal Description for: STOCKWATER

NE				NW				SW				SE			
NENE NWNE SWNE SENE				NENW NWNW SWNW SENW				NESW NWSW SWSW SESW				NESE NWSE SWSE SESE			
T	R	S	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac							
08S	25E	28	:	:	:	:	:	S	:	:	:	:	:		

Place of use Legal Description for: COMMERCIAL

NE				NW				SW				SE			
NENE NWNE SWNE SENE				NENW NWNW SWNW SENW				NESW NWSW SWSW SESW				NESE NWSE SWSE SESE			
T	R	S	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac							
08S	25E	28	:	:	:	:	:	C	:	:	:	:	:		

POU County: MINIDOKA

Non-Irrigation Uses: STOCKWATER, 100 DAIRY, 70 DRY STOCK, COMMERCIAL, DAIRY BARN

Other Rights: NONE

Dates: Exam Made Date:

Verified Date:

Objection Filed Date:

Misc: Water District Number:

Field Inspection Flag:
Presumption Flag:

updated
12-2-97
KKC

R PROOF



CVR



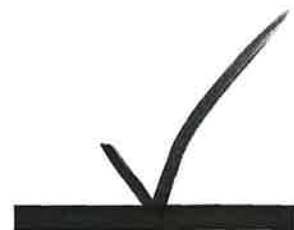
MAPS



PHOTOS



MISC



MICRO FILMED

FEB 03 1993

Water Right Number - R36-07941

Prefix Translation: RESEARCH

Old (D) Number -

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

*** C - CURRENT OWNER ***
BAILEY

QUINN W

1 - RT 4 BOX 260

2 -

3 -

City- RUPERT

State- ID Zip- 83350

Phone - 208-436-6597

BAILEY

PATSY J

1 - RT 4 BOX 260

2 -

3 -

City- RUPERT

State- ID Zip- 83350

Phone - 208-436-6597

+ - - Priority Date - - + + - - - Region - - - + + - - - Stage - - - + + - - - Status - - - +
09/17/1980 17 SOUTHERN L - LICENSE+ - - - - Source - - - - - + + - - - - - Tributary - - - - - +
GROUNDWATER+ - - - - Point of Diversion - - - - - +
Twn Rng Sec Tract Lot RFlg County

08S 25E 28 SE SE SW (67) MINIDOKA

+ - - - - Water Use - - - - - +
Code Description Period From Period To Diversion Rate Diversion Volume
04 - STOCKWATER 01/01 12/31 0.090 5.30
10 - COMMERCIAL 01/01 12/31 0.040 0.60+ - Total Div. Rate - + + - Total Div. Volume - + + - Total Consumptive Use - + + - KW Usage - +
0.130 5.30 0.6+ - - - - Place of Use - - - - - +
Twn Rng Sec Tract Lot Acres Code Description County
08S 25E 28 SE SW 04 STOCKWATER (67) MINIDOKA
08S 25E 28 SE SW 10 COMMERCIAL (67) MINIDOKA

Total Acres:

+ - - Diversion Means - WELL 125' DEEP, 6" CASING, 3 HP PUMP.

+ - - Non-Irrigation Use - STOCKWATER, 100 DAIRY, 70 DRY STOCK, COMMERCIAL, DAIRY BARN

+ - - Other Rights for Same Use - NONE

+ - - - - Remarks - - - - - +
No Remarks found.

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Water right number - R36-07941

Prefix Translation: RESEARCH

+ - - - - Old Water Right Numbers - - - - - +

+ - - - - 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 - - - - - +

Date: 04/12/1991 User Id: STERLING Subject: REVIEW - MSS

Date: 02/18/1992 User Id: CLELLAND Subject: OTHER WATER RIGHTS

THIS WELL SUPPLIES THE DAIRY STOCK AND BARN. IT ALSO SERVES THE HIRED MAN'S HOUSE. IT IS NOT CONNECTED TO THE OLDER WELL CLAIMED AS A36-13009 THAT SERVES THE MAIN HOME. PER CONVERSATION WITH CLAIMANT.

+ - - 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	- 09/21/1989	Last Amended Date	- 00/00/0000	Temporary Right	- P
		Receipt Number	- M004623	Water District	-
		POU Ownership Flag	- Y	Federal/State Indicator	- S
		Name Connector	- OR	Presumption Flag	-
				Notice of Error Flag	-

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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM VERIFICATION REPORT

15:28:01
03/22/91

PAGE: 12
QUICKLOOK INFORMATION

CLAIM NUMBER: A36-07941

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	N		MP 3/22/91	N		MP 3/22/91	MP 4/11/91	Q.V. 3/12/92
POINT OF DIV	XN			N				
SOURCE	N			N				
PLACE OF USE	XN			N				
DIV. AMOUNT CFS/VOLUME	N			Y add vol's.				
CONSUMPTIVE USE	N			N				
PURPOSES	N			N				
PERIOD OF USE	N			N				
BASIS OF CLAIM	N			N				
REMARKS	N			N				

"VERIFIED BY" CODES

TOPO MAP/ORTHO-PQ = 1
ASCS MAP = 2
WATERMASTER RECORDS = 3
NAPP 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.

FILED
APR 1 1991
IDAHO DEPT. OF WATER RESOURCES

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM VERIFICATION REPORT

15:28:01
03/22/91

PAGE: 1
GENERAL INFORMATION

CLAIM NUMBER: A36-07941

LAST: BAILEY
ADDRESS: RT. 4 BOX 260
CITY: RUPERT
PHONE NUMBER: 208-436-6597

FIRST: QUINN W.
STATE: ID ZIP: 83350

OWNER CODE: C

LAST: BAILEY
ADDRESS: RT. 4 BOX 260
CITY: RUPERT
PHONE NUMBER: 208-436-6597

FIRST: PATSY J.
STATE: ID ZIP: 83350

OWNER CODE: C

FIELD EXAM REQUIRED?

VERIFICATION REQUIRED DUE TO REMARKS?

NO REMARKS IN CLAIM

DATABASE
N

FIELD
EXAMINER
N

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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:

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A. AJ CLAIM: # A36-07941 PRIORITY DATE: 09-17-1980 STAGE: L
B. WR RECORD: # 36-07941 PRIORITY DATE: 09-17-1980 STAGE: L

C. FIELD EXAM REQUIRED?
DUE TO PRIORITY DATE DISCREPANCY? (Y/N) DATABASE N FIELD EXAMINER N

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

REMARKS: _____

=====

RECOMMENDED PRIORITY DATE:
09-17-1980

REVIEWED BY ms

DATE 3/22/91

=====

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A. AJ CLAIM POINT OF DIVERSION AND SOURCE:

RIGHT	TWP.	RGE.	SEC.	1/4	1/4	1/4	LOT	CNTY
A36-07941	08S	25E	28		SE	SW		MINIDOKA

OTHER AJ CLAIMS WITH SAME AJ POD
A PREFIX R PREFIX
A36-13009 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
36-07941	08S	25E	28		SE	SW		MINIDOKA

OTHER WR RECORDS WITH SAME WR POD

AJ CLAIMS IN SAME 40 ACRE TRACT
A PREFIX R PREFIX

NONE

A36-13009 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
N

REMARKS:

P/D described only to 40 acre tract → acceptable since field exam is not necessary for any other reason

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RECOMMENDED POINT(S) OF DIVERSION AND SOURCE:

TWP.	RGE.	SEC.	1/4	1/4	1/4	LOT	COUNTY
08S	25E	28	—	SE	SW	—	Minidoka
—	—	—	—	—	—	—	—

SOURCE: GROUNDWATER

TRIB:

REVIEWED BY:

YPS

DATE:

3/22/91

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A. ROOT WATER RIGHT NUMBERS: A36-07941

B. POU LISTING

TWP	RNG	SEC	1/4	1/4	LOT	NAME	AJ #/ACRES	WR #/ACRES	LANDSAT DATA	FIELD EXAM.	RECOMM. ACRES
08S	25E	28	SE	SW		BAILEY , QUINN W.	A36-07941 /	36-07941 /	39.0		
			SE	SW		BAILEY , QUINN W.	A36-13009 /	- /			
			SE	SW		THAIN , JOHN		36-04236 / 8.0			
08S	25E	28	SE	SW		BAILEY , QUINN W.	A36-07941 /	36-07941 /	39.0		
			SE	SW		BAILEY , QUINN W.	A36-13009 /	- /			
			SE	SW		THAIN , JOHN		36-04236 / 8.0			
TOTAL ACRES							A36-07941		78.00		

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

C. FIELD EXAM REQUIRED?

DUE TO POU DISCREPANCY? (Y/N)

DATABASE
Y
FIELD
EXAMINER
N

PRESUMPTION FLAG:

REMARKS:

No POU in WR other than that shown → no discrepancy

RECOMMENDATIONS:

TOTAL ACRES: _____

REVIEWED BY: ms

DATE: 3/22/91

A. AJ CLAIMED USES:

PURPOSES	MONTH/DAY	DIVERSION QUANTITY
A36-07941 STOCKWATER	FROM 01-01 TO 12-31	.090 CFS
A36-07941 COMMERCIAL	FROM 01-01 TO 12-31	.040 CFS
TOTAL DIVERSION RATE/VOLUME CLAIMED		.130 CFS 5.90 AF/A

B. WR RECORDED USES:

PURPOSES	MONTH/DAY	DIVERSION QUANTITY
36-07941 STOCKWATER	FROM 01-01 TO 12-31	.090 CFS 5.30 AF/A
36-07941 COMMERCIAL	FROM 01-01 TO 12-31	.040 CFS .60 AF/A
TOTAL DIVERSION RATE/VOLUME CLAIMED		.130 CFS 5.90 AF/A

PRESUMPTION FLAG:

C. FIELD EXAM REQUIRED?

	DATABASE	FIELD EXAMINER
DUE TO WATER-USE DISCREPANCY? (Y/N)	N	<u>2</u>
DUE TO DIVERSION RATE DISCREPANCY? (Y/N)	N	<u>2</u>
DUE TO PERIOD FROM/TO DISCREPANCY? (Y/N)	N	<u>2</u>

D. PERIOD OF USE:

RECOMMEND AS CLAIMED?

Y(X) N()

RECOMMEND TO WR STANDARDS OR OTHER?

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

REMARKS:

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A. DOES DIVERSION RATE CLAIMED AGREE WITH EXISTING RECORDS?

Y(X) N()

AJ TOTAL CLAIMED DIVERSION RATE: 0.130 CFS
WR ROOT RIGHT TOTAL DIVERSION RATE: 0.130 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?

FIELD
DATABASE EXAMINER

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

N

N

B.

FLOW MEASUREMENT

MEASUREMENT METHOD _____, SEE ATTACHED CALCULATIONS.

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

OTHER RIGHTS LISTED IN CLAIM: NONE

NO CLAIMS FOUND WITH SAME POU AND IRRIGATION USAGE

LIST ALL RIGHTS WITH SAME POU BUT NOT USED FOR IRRIGATION.

CLAIM NO.	PURPOSES	NAME	MONTH/DAY	RATE	VOLUME
A36-07941	STOCKWATER	BAILEY , QUINN W.	FROM 01-01 TO 12-31	.090 CFS	
A36-07941	COMMERCIAL	BAILEY , QUINN W.	FROM 01-01 TO 12-31	.040 CFS	
A36-13009	DOMESTIC	BAILEY , QUINN W.	FROM 01-01 TO 12-31	.040 CFS	
A36-13009	STOCKWATER	BAILEY , QUINN W.	FROM 01-01 TO 12-31	.270 CFS	

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D. RATE/VOLUME CALCULATIONS: (IRRIGATION)

1b. CALCULATIONS

1a. IRRIGATION RATE

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

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 = _____ AF/A

ACRES _____ x CONSUMPTIVE VOL. AF/A FOR AREA _____ =

TOTAL CONSUMPTIVE USE _____ AF/A

3. IRRIGATION DIVERSION VOLUME

CLAIMED DIVERSION VOLUME = 5.90 AF/A

ACRES _____ x DIVERSION VOL. AF/A FOR AREA _____ =

TOTAL DIVERSION VOLUME _____ AF/A

4. CALCULATIONS FOR USES OTHER THAN IRRIGATION:

SEE ATTACHED SHEET? Y() N()

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

Commercial use is a dairy → dairies & stockwater uses are essentially non-consumptive uses.

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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	0.090 <u>0.09</u>	<u>5.30</u>	0.0 <u>0.0</u>
COMMERCIAL	01-01 12-31	0.040 <u>0.04</u>	<u>0.60</u>	<u>0.0</u>
TOTAL FOR THIS RIGHT		0.130	5.90	

REVIEWED BY: mpf

DATE: 3/22/91

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A. CHECK ONLY THE FOLLOWING THAT APPLY:

	ACCEPTED AS CLAIMED	NEEDS REVIEW
OWNERSHIP _____	(X)	()
FORFEIT/ABANDON _____	(X)	()
ADDITIONAL DIV. AMOUNT _____	(X)	()

B. SPLIT WATER RIGHT REVIEW

ROOT WATER RIGHT NUMBER: 36-07941

	DATABASE	EXAMINER	CFS
TOTAL DIVERSION RATE OF WR SPLITS	0.130	<u>0.13</u>	

SPLITS:

OLD RIGHT NUMBERS	CURRENT CLAIM NUMBERS	DIVERSION RATE	CURRENT "R" CLAIM NUM.	"R" DIV. RATE	WR RIGHT NUMBERS	DIVERSION RATE
-	A36-07941	0.130	-		36-07941	0.130
TOTAL CFS		0.130				0.130

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
Y	<u>Y</u>

REMARKS:

AUTHENTICATION:

SIGNATURE: Marci Sterling

DATE: 4/11/91

NAME OF FIELD EXAMINER: Marci Sterling

TITLE: _____

R.V. V
3/12/92

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FILE NUMBER ----- 36-07941
REVIEWER ----- RVW 4/28/92

DAIRIES: WATER USE WORKSHEET

REQUIRED DAIRY DATA

NUMBER OF MILKING CATTLE ----- 100
NUMBER OF NONMILKING CATTLE ----- 70
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 -
NUMBER OF MILKINGS PER DAY ----- 2

CALCULATIONS

DIVERSION RATE FOR STOCKWATER (CFS):

MILKING CATTLE (NUMBER OF CATTLE ROUNDED UP) * --- 0.06
MILKING CATTLE @35 GPD/HD ----- 0.06
NONMILKING CATTLE (NUMBER OF CATTLE ROUNDED UP) * --- 0.02
NONMILKING CATTLE @12 GPD/HD ----- 0.02
TOTAL (BASED UPON ROUNDED NUMBERS) ----- 0.09

DIVERSION VOLUME (AFA):

STOCKWATER
MILKING CATTLE (NUMBER OF CATTLE ROUNDED UP) * --- 3.9
MILKING CATTLE @35 GPD/HD ----- 3.9
NONMILKING CATTLE (NUMBER OF CATTLE ROUNDED UP) * --- 1.3
NONMILKING CATTLE @12 GPD/HD ----- 0.9
TOTAL (BASED UPON ROUNDED NUMBERS) ----- 5.3

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

TOTAL DIVERSION VOLUME ----- 5.9

CONSUMPTIVE USE VOLUME (AFA):

STOCKWATER
MILKING ----- 0.6
NONMILKING ----- 0.0
TOTAL ----- 0.6

COMMERCIAL ----- 0.0

TOTAL CONSUMPTIVE USE ----- 0.6

* 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) -----	3.00	0.00	0.00
LIFT (FT) -----	97	0	0
DISCHARGE PRESSURE (PSI) -----	20	0	0
FRICTION LOSSES (FT) -----	0.0	0.0	0.0

CALCULATIONS

THEORETICAL FLOW RATE (CFS) * -----	0.13	0.00	0.00
DIVERSION VOLUME (AFA) ** -----	93.4	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 CONTINUOUSLY EVERY
DAY OF THE YEAR.

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Phone 436-6597
CONVERSATION MEMORANDUM

NAME OF PARTY Quinn Bailey
EMPLOYEE: R. V. WORSTELL

DATE 3/12/92
FILE 36-07941

RE: Dairy Div. Volume + Cons. Use.

Mr. Bailey said he had about 70 head of dry stock that he kept in connection with his dairy operation.

He milks twice a day with a manual wash.

His waste water goes to a pit and then is spread on the fields.

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GROUNDWATER MEASUREMENT REQUIREMENT ANALYSIS

FILE: 36-07941
 DATE: 3/12/92
 BY: RWW

THEORETICAL RATE OF FLOW: $Q = \frac{(8.8) \times (H.P.) \times (EFF.)}{TDH}$

Q = CFS
 H.P. = Total Brake Horsepower of pumping plant (including booster)
 EFF. = Pumping plant efficiency (ASSUME 70% OR 0.70)
 TDH = total dynamic head = [(LIFT) + (PSI X 2.31)]
 LIFT = depth to water in FEET from land surface to pumping water level
 PSI = pumping pressure measured in psi near pump
 (if open discharge assume zero [0])

$$Q = \frac{(8.8) \times (3.4 \text{ H.P.}) \times (0.70)}{[(125.97) + (92.4 \times 2.31)]} = \frac{18.48 \sim 0.10}{217.4} = 0.085 \text{ cfs}$$

<u>LIFT FROM:</u>	<u>PSI FROM:</u>	<u>NOTES ON PUMP:</u>
measurement ()	measurement ()	Motor Make, Serial or ID
owner (✓)	owner ()	
area estimate ()	estimate (✓)	Pump Make, Serial or ID, rating
well logs ()	owner gage ()	<u>claim = 3 HP pump</u>
	Booster (Y) (N)	
REMARKS <u>Well Log indicates Static W.L. @ 97'</u>		
<u>Claim " Lift is 12.5'</u>		
<u>Total Well Depth = 130'</u>		

ANNUAL VOLUME ANALYSIS

POTENTIAL Acre Feet/Acre/Annum = $\frac{(\text{DAYS IN SEASON}) \times (1.98) \times (Q)}{(\text{RECOMMENDED ACRES IRRIGATED})}$

(season)	(days)	CV-DV	
5/01-09/30	153	2-3	
4/15-10/15	184	2.5-3.5	POTENTIAL = $(36.5) \times (1.98) \times (0.10)$
4/01-10/31	214	3-4	
3/01-11/30	275	VARIES	(.....)
3/15-11/15	246	VARIES	
POTENTIAL =			<u>72.3 AFA</u>

REQUIRED Acre Feet/Acre/Annum =
 (AF/Ann/Ac irrigation requirement from chart for area)
 NOTE that this is NOT Consumptive use

IF POTENTIAL IS GREATER THAN REQUIRED THEN NO MEASUREMENT NECESSARY ()
 IF POTENTIAL IS LESS THAN REQUIRED THEN MEASUREMENT IS NECESSARY ()

This system could deliver 0.13 cfs if the delivery pressure dropped to 10.5 PSI

FEB 05 1993

State of Idaho
DEPARTMENT OF WATER RESOURCES
FIELD REPORT

36-7941

Permit No.

CONTACT WITH PERMIT HOLDER

	DATE	INITIALS	REMARKS
☒ Appointment letter mailed:	3-1-82	TGB	
☒ Telephone call made: (List Telephone No. used)	4-25-82	TGB	436-6597
☒ Appointment scheduled for: (Date, time, location)	8-26-82	TGB	2:00-3:00 500 N 650 E.

EXAMINATION

Date 8-26-82 Accompanied by Quinn Bailey Total Q measured
If source is surface water, estimate total flow of source
Methods of measurement Stepwell, Calibrated Container Meets Permit requirements? yes

Measurement calculations:
100 hd cows @ 25 gal/head = 2500 gal/day
100 hd calves @ 10 gal/head = 1000 gal/day
4700 gal/day pumped in 2 hrs = 19.2 gpm
448.870% livestock volume = 5.3 AF/yr
Commercial Volume 30 milking @ 25 gal/cow = 750 gal/day = 196.574 gal/hour = 3.85 gpm
3.85 gpm = 0.66 AF/yr
5.9 AF/yr

WELL/DIVERSION NO.	HP	MOTOR MAKE	MOTOR SERIAL NO.	PUMP MAKE	PUMP SERIAL NO.	MEASURING DEVICE TYPE	CONDITION OF MEAS. DEV.	REMARKS
	3 HP	Franklin Electric	282 9028 292	Submersible	No. 2			

System Description Well 60 ft deep with three horsepower submersible pump to pressure tank and pipelines to automatic stock waterers and faucets used to clean barn and milking equipment.

*Code with map on reverse side. Disregard code if only one.

RECOMMENDED AMOUNTS

USE	Irrigation requirement =		AFA/Acre	
	Q (cfs)	V (afa)	FROM	TO
Livestock	0.09 cfs ✓	5.3 AFA ✓	Jan	Dec 31
Commercial	0.04 cfs ✓	0.66 AFA ✓	Jan	Dec 31

Total 0.13 cfs 5.9 AFA

Remarks There is also a single household domestic use on this well.

MICROFILMED

FEB 05 1993

WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

[illegible]

USE ADDITIONAL SHEETS IF NECESSARY - FORWARD THE WHITE COPY TO THE DEPARTMENT

FEB 15