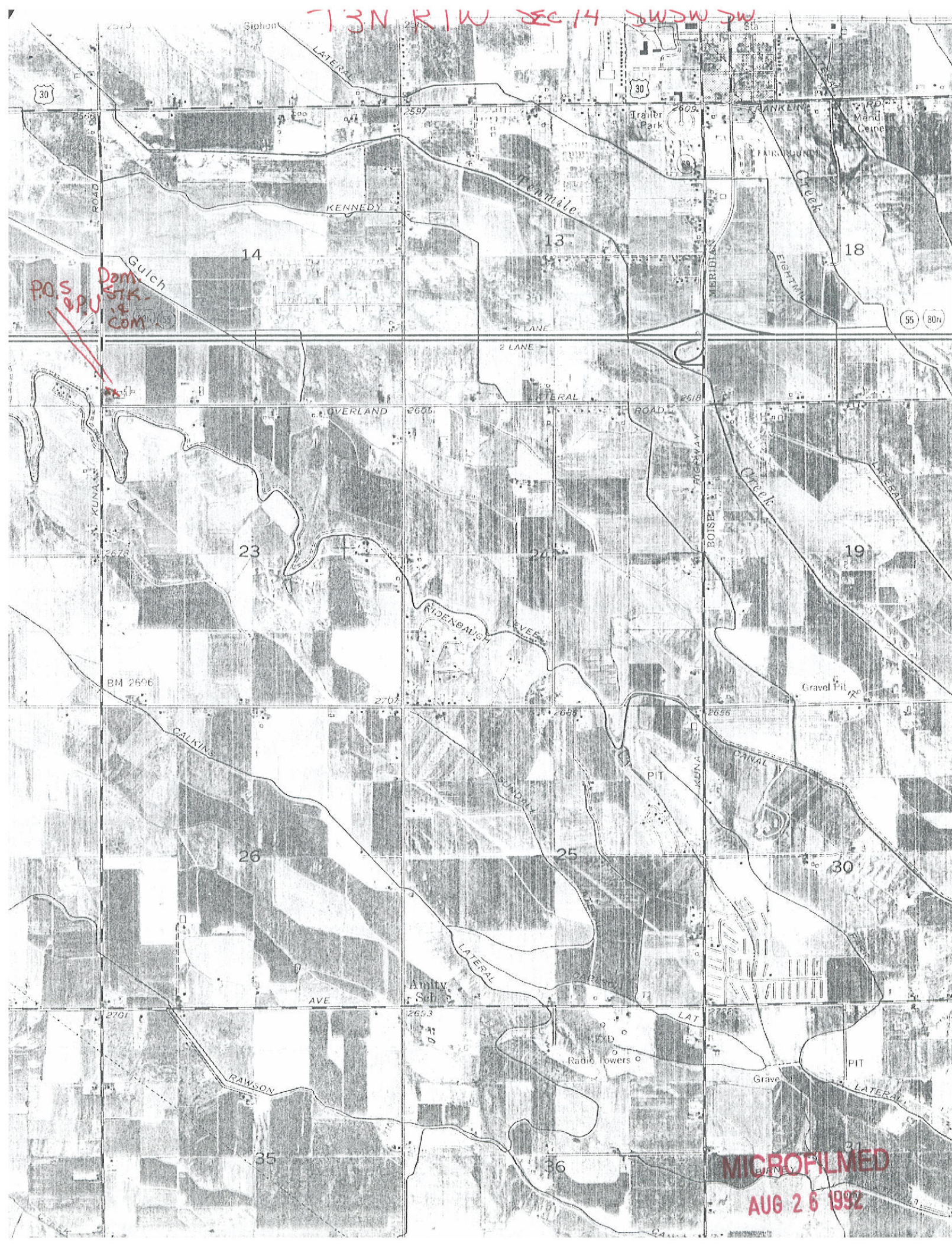


13N R1W SEC 14 SW SW SW



POS
Dens
STK
COM
P.U.

MICROFILMED
AUG 26 1992

SWSW

T03N, R01W, S14
#63-17759



-1987-

A0002419

A0009234

POU

1987 NAPP

63-17759

Photo 171520a

171520



Franklin Electric

Bluffton, Indiana 46714

MADE IN USA

155435101 REV. 5

SUBMERSIBLE MOTOR CONTROL

MODEL 2801074910 HP 3/4 VOLTS 230 HZ 60
RPM 3450 PH 1 AMP. 6.4 S.F. MAX. AMP. 8.0
KW 55 S.F. 1.5 KVA CODE M DATE A93

AUTOMATIC THERMAL MOTOR PROTECTION IN MOTOR CONT. DUTY

U.S. PAT. NOS. 3,061, 384 3,159,762 3,404,763 3,777,194 3,849,704
OTHERS PENDING: CANADA PAT. NOS. 696,917 843,383



IMPORTANT: USE ONLY WITH SAME RATING FRANKLIN MOTOR
ACCEPTABLE FOR OUTDOOR USE

11.20.2001

Digital Photos

Date photographed

3/4/2004



well tagged A000 2419 with
1/2 hp pump

Ralph D. Ross		A0002419	A0009234
1520 S. Ten Mile	USR	0303705	0303680
Meridian ID 83642		0279530	0279532

Prepared by
Darwin Vander Stelt

Ralph D. Ross
Date: 3/5/2004

Theoretical Rate of Flow:
Claim no. 63-17759

Groundwater Measurement

.75 hp pump

Theoretical Rate of Flow: $Q = ((8.8) * (HP) * (EFF))/TDH$

Where,

Q = flow in CFS

HP= Total Brake HP of pump including booster

EFF= pump efficiency (assume 70%)

TDH= Total dynamic Head = (Lift)+(PSI * 2.31)

Lift= Depth to water in feet

PSI = discharge pressure near the pump.

Variables		Calculated	% of of rated
Plate	Peak KWH	HP	
0.75	0.56	0.7504	100%
70%			
		117.400	
25			
40			

Theoretical Q =

0.04	CFS
18	GPM

Data Sources:

Lift From:

measurement
owner
area estimate
well logs

PSI from:

measurement
owner
X estimate
owner gage

Notes on Pump

Motor make etc. tag
Pump make etc. tag

X

Ralph D. Ross
Date: 3/5/2004

Theoretical Rate of Flow:
Claim no. 63-17759

Groundwater Measurement

.5 hp pump

Theoretical Rate of Flow: $Q = ((8.8) * (HP) * (EFF))/TDH$

Where,

Q = flow in CFS

HP= Total Brake HP of pump including booster

EFF= pump efficiency (assume 70%)

TDH= Total dynamic Head = (Lift)+(PSI * 2.31)

Lift= Depth to water in feet

PSI = discharge pressure near the pump.

Variables		Calculated	% of of rated
Plate	Peak KWH	HP	
0.5	0.374	0.50116	100%
70%			
25		117.400	
40			

Theoretical Q =

0.03	CFS
12	GPM

Data Sources:

Lift From:

measurement
owner
area estimate
well logs

PSI from:

measurement
owner
X estimate
owner gage

Notes on Pump

Motor make etc. tag
Pump make etc. tag

Newer, 3/4 hp pump

0.04 cfs

Older, 1/2 hp pump

0.03

0.07

Total for the two pumps are about .07 cfs. Flow for this claim needs to be reduced.

63-17759

Photo 171520a

171520



Franklin Electric

Bluffton, Indiana 46714

MADE IN USA

155435101 REV. 5

SUBMERSIBLE MOTOR CONTROL

MODEL 2801074910 HP 3/4 VOLTS 230 HZ 60
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AUTOMATIC THERMAL MOTOR PROTECTION IN MOTOR CONT. DUTY

U.S. PAT. NOS. 3,061, 384 3,159,762 3,404,763 3,777,194 3,849,704
OTHERS PENDING: CANADA PAT. NOS. 696,917 843,383



IMPORTANT: USE ONLY WITH SAME RATING FRANKLIN MOTOR
ACCEPTABLE FOR OUTDOOR USE

11.20.2001

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: A63-17759
Date Received: 8/21/1989
Receipt No: C009993
Received By: SEA

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: RALPH D. ROSS 208-888-3377
Address: 1520 SO. TEN MILE ROAD
MERIDIAN, ID 83642

OR
Name: JUDITH K. ROSS 208-888-3377
Address: 1520 SO. TEN MILE ROAD
MERIDIAN, ID 83642

2. Date of Priority: JUN 01, 1950

3. Source: GROUNDWATER Trib. to:

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4	Lot	County
03N	01W	14	SW	SW	SW		ADA

5. Description of diverting works:
WELLS, ONE 4" \ 95' DEPTH, ONE 2" \ 95' DEPTH WITH PUMPS & P\ L'S TO P/U.

6. Water is used for the following purposes:

Purpose	From	To	C.F.S	(or)	A.F.A.
DOMESTIC	01/01	12/31	0.040		
COMMERCIAL	01/01	12/31	0.300		
STOCKWATER	01/01	12/31	0.200		

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

8. Total consumptive use is Acre Feet Per Annum.

9. Non-irrigation uses:
DOMESTIC FOR 2 HOUSEHOLDS, COMMERCIAL FOR DAIRY W/UP TO 300 HEAD

10. Place of Use:

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
03N	01W	14	SW	SW		DOMEST	
			SW	SW		STOCK	
			SW	SW		COMMER	

11. Place of use in counties: ADA

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

13. Other Water Rights Used:
N/A

14. Remarks:
COMMERCIAL USE IS FOR WASHING AND OTHER ASSOCIATED USES FOR A
DAIRY WITH UP TO 300 HEAD OF DAIRY CATTLE.

15. Basis of Claim: BENEFICIAL USE

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 X wish to receive and pay a small annual fee for monthly copies of the docket sheet.

Number of attachments: 1

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): [Signature] Date: 8-21-89

Date: _____

State of Idaho)
County of Ada) SS.

Subscribed and sworn (or affirmed) before me this 21st day
of August 19 89 [Signature]
Notary Public

Seal

Residing at Boise, ID
My Commission Expires 11/08/1994

T3N R1W SEC 14 SWSW SW

30

Siphon

Gulch

14

18

23

25

KENNEDY

VERLAND

RIDGE

PIT

Gravel Pit

Radio towers

Grave

CROFIL

AUG 26 199

AUG 26 1991

06/29/2005

IDAHO DEPARTMENT OF WATER RESOURCES
PRELIMINARY RECOMMENDATION OF WATER RIGHTS ACQUIRED UNDER STATE LAW

RIGHT NUMBER: 63-17759

NAME AND ADDRESS: RALPH D ROSS
1520 SO TEN MILE RD
MERIDIAN ID 83642

JUDITH K ROSS
1520 S TEN MILE RD
MERIDIAN ID 83642

SOURCE: GROUND WATER

TRIBUTARY:

QUANTITY: 0.070 CFS

The quantity of water under this right shall not exceed 13,000 gallons per day.

PRIORITY DATE: 01/01/1885

POINT OF DIVERSION:

T03N R01W S14 SWSW Within ADA County

T03N R01W S14 SWSW Within ADA County

PURPOSE AND
PERIOD OF USE:

PURPOSE OF USE

PERIOD OF USE

QUANTITY

STOCKWATER

01/01 12/31

0.030 CFS

DOMESTIC

01/01 12/31

0.040 CFS

Domestic use is for 2 homes and does not include lawn, garden,
landscape, or other types of irrigation.

PLACE OF USE:

STOCKWATER Within ADA County

T03N R01W S14 SWSW

DOMESTIC Within ADA County

T03N R01W S14 SWSW

OTHER PROVISIONS NECESSARY FOR DEFINITION OR ADMINISTRATION OF THIS WATER RIGHT:

The quantity of water decreed for this water right is not a determination
of historical beneficial use.

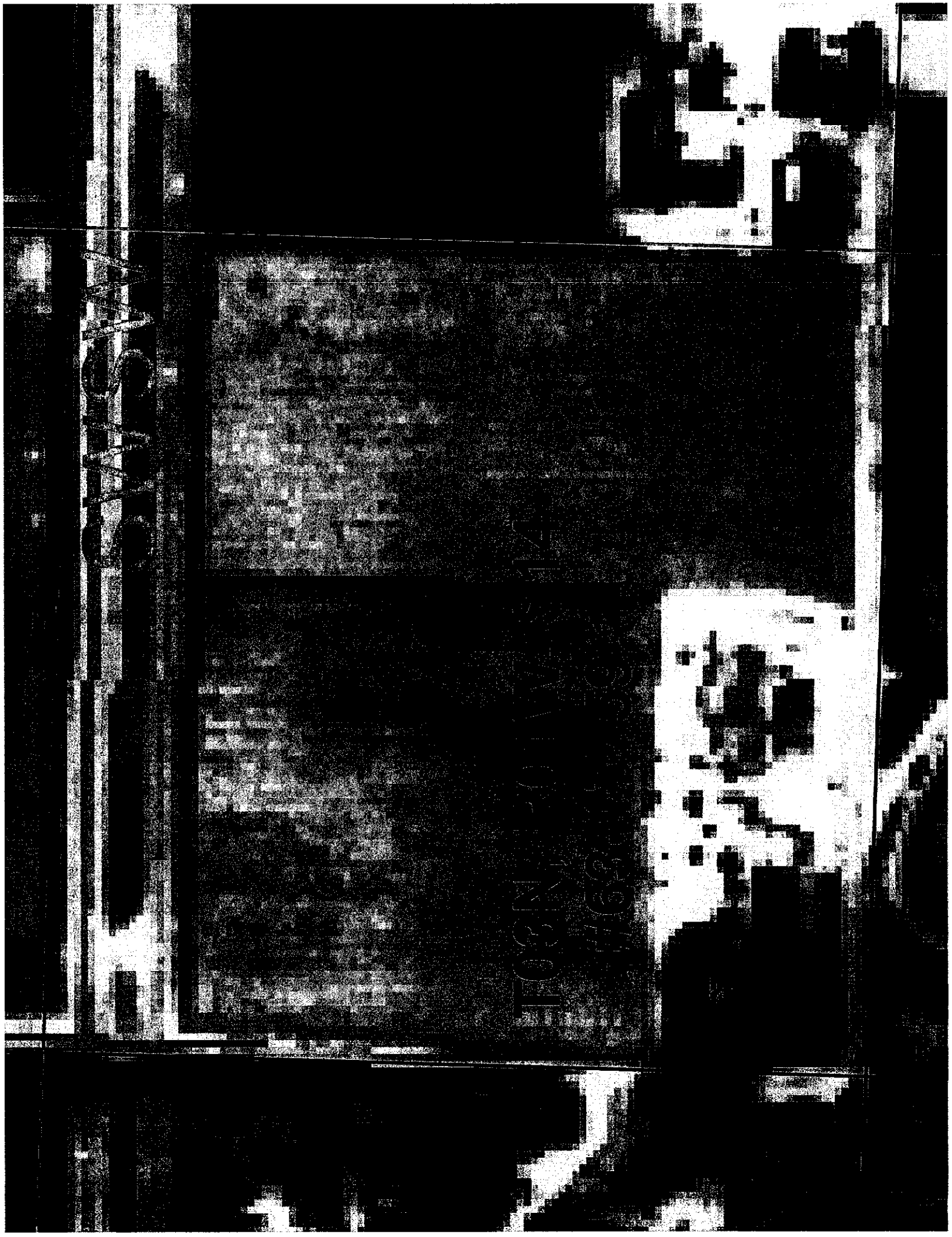
This partial decree is subject to such general provisions necessary for
the definition of the rights or for the efficient administration of the water
rights as may be ultimately determined by the Court at a point in time no
later than the entry of a final unified decree. Section 42-1412(6), Idaho
Code.

EXPLANATORY MATERIAL: Beneficial Use

Stockwater use is for 150 cattle.

PARCEL NO: S1214336310.

Use of this right is combined with water from Nampa Meridian Irrigation
District.



IDAHO DEPARTMENT OF WATER RESOURCES

Adjudication Claim Report 63-17759

WATER RIGHT NUMBER: 63-17759 ✓

Owner Type Name and Address
 Current Owner RALPH D ROSS ✓
 1520 SO TEN MILE RD
 MERIDIAN, ID 83642
 (208)888-3377
 Current Owner JUDITH K ROSS ✓
 1520 S TEN MILE RD
 MERIDIAN, ID 83642
 (208)888-3377

Priority Date: ~~06/01/1930~~ ✓ 01/01/1885

Basis: Beneficial Use ✓

Status: Active

Source Tributary
 GROUND WATER ✓

<u>Beneficial Use</u>	<u>From</u> <u>To</u>	<u>Diversion Rate</u>	<u>Annual Volume</u>
~~COMMERCIAL~~ ✓	~~1/01 to 12/31~~ ✓	~~0.300 CFS~~ ✓	Remove Comm. use
STOCKWATER ✓	1/01 to 12/31 ✓ 0.03	0.200 CFS ✓	
DOMESTIC ✓	1/01 to 12/31 ✓	0.040 CFS ✓	
<u>Total Diversion:</u>		~~0.300 CFS~~ ✓	
		0.07 cfs	

Location of Point(s) of Diversion
 GROUND WATER
 ADA County ✓

(SW1/4SW1/4SW1/4 Sec. 14, Twp 03N, Rge 01W, B.M. ✓
 Remove QQQ.

Place of Use
 COMMERCIAL ✓

ADD: 8W 8N, S14, T03N, R01W

Twp	Rge	Sec	NE	NW	SW	SE	Totals
03N	01W	14	NE	NW	SW	SE	
					X		

STOCKWATER ✓

Twp	Rge	Sec	NE	NW	SW	SE	Totals
03N	01W	14	NE	NW	SW	SE	
					X		

DOMESTIC ✓ ADD W54 - Domestic use is for 2 homes and does not include irrigation. (1 home + 1 mobile)

ADD N11 - The quantity is not a determination of historical beneficial use.

ADD N13 - " shall not exceed 13,000 gal/day.

ADD - Parcel No: 81214336310. (20AC)

IDAHO DEPARTMENT OF WATER RESOURCES

Adjudication Claim Report 63-17759

Twp Rge Sec	NE				NW				SW				SE				Totals
03N 01W 14	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
											X						

Conditions of Approval:Remarks:

1. General COMMERCIAL USE IS FOR WASHING AND OTHER ASSOCIATED USES FOR A DAIRY WITH UP TO 300 HEAD OF DAIRY CATTLE.

Comments:

ADD X02 - Stockwater use is for 150 cattle.

ADD W51 - Use of this right is combined with water from Naupa-Meridian Irr. Dist.

(in office)

**STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
ADJUDICATION FIELD REPORT**

Prior to Field Exam

- ☒ Copy of Claim, claim has been signed, sealed, and dated by notary?
- ☒ Check fees paid \$ 80.00
- ☐ Well logs (if needed) N/A
- ☒ Copy of topo or NAPP
- ☒ Check of Govt. Lots, if needed, Govt. Plat/Tax lot information None
- ☒ Check POD & POU overlap, see below - include overlapping right for exam
- ☒ Evidence of Priority - if none, talk with claimant

CLAIMANT INFORMATION - verify contact information is completeClaim No(s) 63 - 17759Owner: Ralph & Judith Ross Phone No. (208) 888-3377Current Address: 1520 S. Ten Mile Rd. , Meridian

- ☒ No change NAME IS THE SAME
- ☐ NEW OWNER
- ☒ No change Address
- ☐ NEW ADDRESS
- ☒ How long owned property? Since 1976

Accompanied by: N/A**PRIORITY DATE**

- ☐ No change - Complete evidence submitted or not necessary
- ☐ Incomplete - Claimant should be asked when water was first used and submit proof of date.
- ☒ Priority date is acceptable/within mandatory filing dates?

Priority date, per claimant, is: June 1, 1950

(If priority date, based on your exam, seems questionable, explain below.)

Original Claimant claimed 1950 for commercial dairy use. Since the commercial use was removed from this right, I am recommending the year the house was built (refer to Affidavit) for domestic/stockwater use that remains.

Source: ground water Tributary to _____

- ☒ No Change - SAME SOURCE
- ☐ Source found is different than claimed: _____

POINT OF DIVERSION

- ☒ No change
- ☐ POD found is different than claimed: _____
- ☐ If different, when did POD change? _____

Although, Ada County Assessor Land Record show that the house was built in 1910 (see file).

2 PODs

DIVERSION AND DELIVERY SYSTEM

Points of Diversion:

ID #	Govt Lot #	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks GPS ID	
			SW	SW	14	3N	1W		A0002419	0303705
										0279530
									A0009234	0303680
										0279532

2 wells -
ADD →

Description of diverting works

2 drilled wells, 95' deep, with .5 hp and .75 hp, pressure tanks.
Wells are jet pump design with maximum lift of 32 feet. Estimated current lift of 25'.

OVERLAP REVIEW

Other water rights with the same point of diversion: None

Does overlap add acres or uses to existing system, increase rate of flow or volume, or other? Explain:

WATER USES

- ☐ No change
- ☐ Different Uses

* Dairy has been non-functional since 1982.
(refer to Affidavit submitted by Ralph Ross)
Therefore, Commercial use was removed.

Use Domestic From _____ To _____ Amount 0.04 CFS _____ AFA
Use Stockwater From _____ To _____ Amount 0.03 CFS _____ AFA
Use _____ From _____ To _____ Amount _____ CFS _____ AFA

TOTAL VOLUME - Groundwater only

- ☐ Incomplete on claim, the total is, Amount _____ CFS _____ AFA
- ☒ Changes found, the new total is, Amount 0.07 CFS _____ AFA
- ☐ More than 1" per Acre? Yes _____ (claimant must complete excess flow sheet)

Field exam's measured (capacity of the 2 wells)

NON-IRRIGATION USES:

- ☐ No change
- ☒ Changes Exam found: Domestic # of homes 2 Stock # 75 Types _____ Additional comments: _____

Domestic - 2 households

not applicable
(300 claimed)

PLACE OF USE:

- ☒ No Change
- ☐ Changes shown below:

ADD
N-codes
for volume.

Place of Use			NE				NW				SW				SE				Totals
TWP	RGE	SEC	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	

Overlap with other water rights: None Ⓐ Namya- Meridian Irr.

Does overlap increase rate of flow, volume, additional acres, different source for same acres? Explain:

District water used

Delivery System Narrative: Buried pipe from wells to livestock facilities, house, and mobile home.

Well or Diversion Identification No GPS ID	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge size
A0002419		1/2			
A0009234	Franklin Electric	3/4			

FLOW MEASUREMENTS: See field exam conducted on 3/4/04.

Attach appropriate documents

NARRATIVE/REMARKS/COMMENTS (OVER)

Domestic use is for 2 households and does not include irrigation, etc.

The quantity decreed is not a determination of historical beneficial use.

The quantity decreed shall not exceed 13,000 gallons per day.

Use of this right is combined with water from Nampa-Meridian Irrigation District.

Parcel No: 81214336310.

Stockwater use is for 150 cattle.

AFTER EXAM THE FILE SHOULD CONTAIN:

- ☒ Completed claim checklist
- ☒ Photographs of POD's and POU Intrepid & IDWR FX
- ☒ GPS readings
- ☒ Completed map and or GIS layout showing POD's and POU

DATE EXAM CONDUCTED: 3.10.04

(in office)

FIELD EXAMINER: Kimberley Brown

Craig
Saxton
confirmed
N codes.

CONVERSATION MEMORANDUM

RE: Snake River Basin Adjudication Water Right No. A63-17759

June 22, 2005

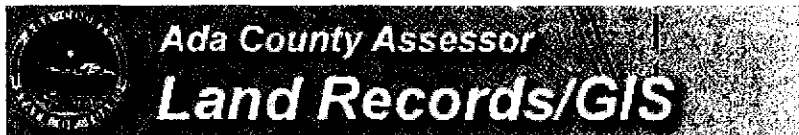
Judith Ross called in response to the *Notice of Error* packet she recently received. Mrs. Ross stated that the stockwater quantity should be 0.2 cfs, not the 0.03 cfs as is being recommended. She also wanted to know why the commercial use had been removed. I explained that since the dairy ceased operation in 1982, there was a five-year period of non-use; which constitutes forfeiture. I also explained that the claimed 0.2 cfs for stockwater use was excessive for the maximum amount of 300 dairy cattle claimed. In addition, I stated that the capacity of their two wells (based on Darwin VanderSteldt's field exam calculations) is 0.07 cfs. Mrs. Ross wanted to see these calculations, so I suggested that she come see me at the office so that we could go through the file and address each of her concerns.

June 29, 2005

Mrs. Ross came to the office and I explained my reasons for removing the commercial use (5 years of non-use since 1982), the reduction of stockwater use from the claimed 0.2 cfs to 0.03 cfs, the capacity of the two wells (0.07 cfs), and the priority date. Although she understood the forfeiture issue, Mrs. Ross had the most difficult time with the removal of the commercial use. I pointed out that even if commercial use would have remained on the recommendation, I would still have recommended the total diversion quantity as 0.07 cfs because that is the capacity of the system. After going through the file and answering all of Mrs. Ross' questions, I made copies of the contents of the file and she planned on taking everything home to review.

Kimberly Brown
Senior Water Resource Agent

ReceiptID	Amount	BasinNumber	SequenceNum	SplitSuffix	Type
C009993	80.00	63	17759		Claim

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Property Details for Parcel S1214336310**General Information**

Property Acres: 2.000
Zone Code: RUT
Primary Code Area: 242 Tax Districts
Group Type: SECT
Subdivision: 3N 1W 14
Section: 3N1W14

Property Description

PAR #6310 OF S264' OF
 W 330' OF SW4SW4
 SEC 14 3N 1W
 #336300-S

Property Address

1520 S TEN MILE RD
 MERIDIAN, ID 83642


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- Assessor Main Page
- Administration
- Information
- Appraisal
- Exemptions and Reductions
- Motor Vehicles
- Levy Rates

Parcel Valuation Details

Assessment Roll	State Category Code	Acreage	Assessed Value	Valuation Method
Primary	120-RESIDENTIAL TRACT	2.000	\$95,000	MARKET
Primary	340-RES IMPROVEMENT	0.000	\$99,800	COST

Total Assessed Value: \$194,800

Parcel Valuation History

Assessed value for year 2005 \$194,800
Assessed value for year 2004 \$189,500
Assessed value for year 2003 \$144,500
Assessed value for year 2002 \$142,500

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**Residential Characteristics 1 for Parcel "S1214336310"**

Occupancy Date:	No Date Available
Year Built:	1910
Year Remodel:	1953
Effective Age:	0
Construction Class:	3
Number of Bedrooms:	3
Number Bathrooms:	1.75
Number of Fireplaces:	2
Air Conditioning:	Y
Car Storage Sq Ft #1:	0
Car Storage Sq Ft #2:	0
General Purpose Building Sq Ft:	0
Porch Sq Ft:	0
Deck Sq Ft:	0
Deck Covered:	N
Patio Sq Ft:	600
Patio Covered:	N
Pool Sq Ft:	0
Total Sq Ft:	3109
Main Floor Sq Ft:	2309
Upper Floor Sq Ft:	0
Finished Lower Floor Sq Ft:	0
Unfinished Lower Floor Sq Ft:	0
Finished Basement Floor Sq Ft:	0
Unfinished Basement Floor Sq Ft:	800
Finished Attic Sq Ft:	0
Unfinished Attic Sq Ft:	0

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Land Characteristics 1 for Parcel "S1214336310"
Residential Acres: 2.000
Commercial Acres: 0.000
Other Acres: 0.000
MLS Area: 1010 SW Meridian
Street: Not Available
Utility: Not Available
Water Source: Not Available
Sewer: Not Available
Sidewalks: N
Curb-Gutters: N
Topography: Not Available
View: Not Available
Water Influence: None
Water Frontage Feet: 0
Corner: N

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Affidavit

RECEIVED

MAR 08 2004

WATER RESOURCES
WESTERN REGION

Identification Number 63-17759

Name: Ralph D Ross

Address: 1520 SO Ten Mile Rd

City Meridian State ID Zip 83642

Phone: 888-3377

I ☒ am ☐ am not the current owner of the property associated with this claim.

If not the current owner of the property, I owned the property from NA (date)

to _____ (date).

Verification of the Priority Date: I have knowledge of the priority date because

I purchased The property in 1976 From Harold Agge
and he had operated The Dairy for The 25 years he
had owned The property. Presumably The well was
here. The house began in 1885, the 2" well is in The
basement. The Dairy buildings were built in the 1920's.

Verification of the Place of Use: I have shaded the area I irrigated with this water right on the attached aerial photo.

Verification of other uses: I also used water for operation of a dairy
from 1979-1982. We maintained 100 head. The
former owner had about 50 more or 150 head.
There is a mobil home on The property.

To my knowledge, the facts presented above are true.

Ralph D Ross

(date) 3-4-04

(date) _____

Memo

To: Kimberly
From: Darwin Vander Stelt

RE: 63-17759
Ralph D. Ross
1520 S. Ten Mile
Meridian ID 83642

Documents prepared:

no. pages	Item
1	Pictures
0	#N/A
1	Adjudication Field Report
1	Map showing POD & POU
1	Affidavit(s)

There are two wells on this farm, and the second and later well is the one photographed by Intrepid. The earlier well, which was the first well on the farm is located in the basement of the house. The house was built in the 1880's, with the dairy buildings added in the 1920's. It isn't known when the original well in the basement was drilled, however it is a 2" well and the water still comes within 25 feet of the surface. I have seen that kind of artesian well in very old basements quite a few times in this area.

The dairy buildings are vintage 1920's. The former owner, Harold Agee milked about 75 cows there prior to 1976. A worksheet estimates stockwater and commercial volume, and there are calculations of the system capacity at the time. The lift may have been almost nothing prior to 1987, but rounding the flow from .026 to .03 is equivalent to reducing the lift to 10' on the older pump.

Pertinent Info:

Adjudication claim # 63-17759
Name: Ralph D. Ross
1520 S. Ten Mile
Meridian ID 83642

Well Tag(s)	A0002419	A0009234
POD Coordinates:	0303705	0308148
USR	0279530	0268518

Date Visited: 3/4/2004

Date Office write-up: 3/4/2004



-1987-



IDAHO DEPARTMENT OF WATER RESOURCES

SNAKE RIVER BASIN ADJUDICATION - BASIN 63

Diversion Description

WELLS, ONE 4' .95' DEPTH, ONE 2' .95' DEPTH WITH PUMPS & P/L'S TO P/U. Located in shed next to barn. Only one POD indicated by claimant.

RIGHT ID 63 17759
POD ID 171520
Quad Meridian 1
Claim Type Large
Easting 303680
Northing 279532
GPSID A0009234

Assumptions

Elevation head (per claimant).

Phase-0 (No Attention)
Phase-I (Ready to Go to Field)
Phase-II (Site Visit - Data Missin
Phase-III (Complete w/issues)
Phase-IV (Total Complete)

Linked
Photos

Photos\171520a.JPG

Invoice #

2000-055-01

EPE (ft)	Date (M/D/Y)	Time	Flow Rate (CFS)
22 LH	11/20/01	9:40	0.03

Open Channel Flow

☐ Complete one box from both Area and Calculation sections

Cross Sectional Area

☐ Circular Channel

- ☐ Less than half full
☐ Half full
☐ More than half full
☐ Full

Diameter 0

Depth 0

☐ Rectangular Channel

Width 0

Depth 0

Flow Calculation

☐ Continuity Velocity 0

☐ Orifice

(Use only for head over a pipe flowing full with free discharge)

Depth of Water above orifice centerline 0

☐ Weir

(Use only for water flowing freely over weir)

Height of water above nappe 0

Width of weir 0

☐ Manning (If used, include photo of representative channel section)

Channel Slope

Channel Description	
Concrete lined	.016
Smooth earth	.025
Earth	.033
Rough bed, weeds on sides	.04
Smooth natural stream	.033
Rough natural stream	.1

Pumped System ☒

HP 0.75

Pressure Head (psi) 50

Elevation Head (ft) 25

Motor Mfg

Motor Serial #

Pump Type Submersible

Pump Mfg

Pump Serial#

New Contact Information ☐

New Contact Comments

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INTREPID
Engineering Services, Inc. (IES)
Enabling People and Solutions

RIGHT ID

63 17759

63-17759

Photo 171520a



Franklin Electric

Bluffton, Indiana 46714

MADE IN USA

155135101 REV. 1

SUBMERSIBLE MOTOR CONTROL

MODEL 28Q1074910 HP 3/4

VOLTS 230

RPM 3450 PH 1 AMP. 6.4

S.F. MAX

KW 55

S.F. 1.5

KVA CODE 10

AUTOMATIC THERMAL MOTOR PROTECTION

U.S. PAT. NOS. 3,061,384 3,159,762 3,404,786 4,720,000

DESIGNS PENDING CANADA PAT. NOS. 696,917 696,918

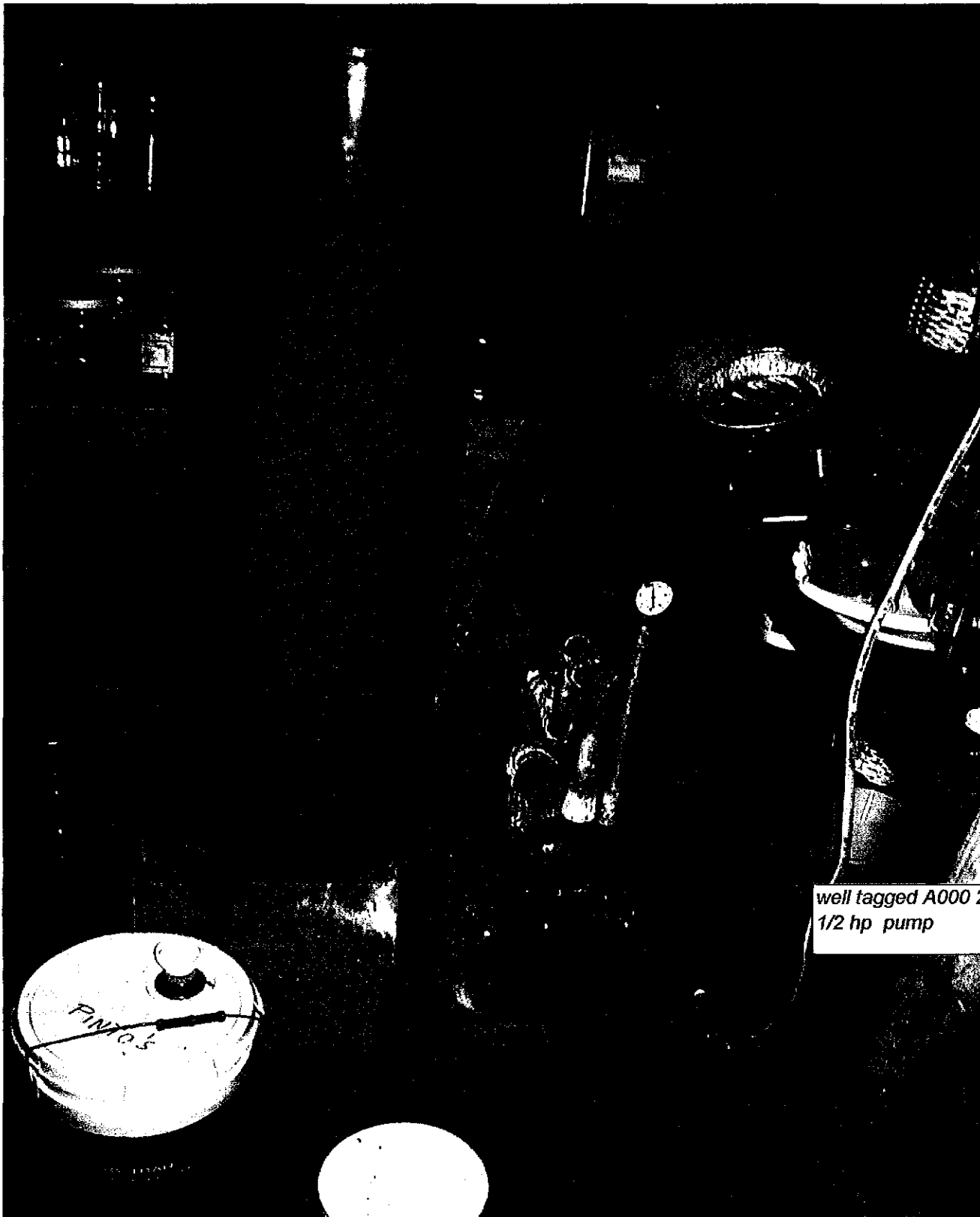
IMPORTANT: USE ONLY WITH SUBMERSIBLE MOTOR

ACERTABLE TO SUBMERSIBLE MOTOR

Digital Photos

Date photographed

3/4/2004



well tagged A000 2419 with
1/2 hp pump

Ralph D. Ross		A0002419	A0009234
1520 S. Ten Mile	USR	0303705	0303680
Meridian ID 83642		0279530	0279532

Prepared by
Darwin Vander Stelt

Ralph D. Ross
Date: 3/5/2004

Theoretical Rate of Flow:
Claim no. 63-17759

Groundwater Measurement

.75 hp pump

Theoretical Rate of Flow: $Q = ((8.8) * (HP) * (EFF))/TDH$

Where,

Q = flow in CFS

HP= Total Brake HP of pump including booster

EFF= pump efficiency (assume 70%)

TDH= Total dynamic Head = (Lift)+(PSI * 2.31)

Lift= Depth to water in feet

PSI = discharge pressure near the pump.

Variables		Calculated	% of of rated
Plate	Peak KWH	HP	
0.75	0.56	0.7504	100%
70%			
		117.400	
25			
40			

Theoretical Q =

0.04	CFS
18	GPM

Data Sources:

Lift From:

measurement
owner
area estimate
well logs

PSI from:

measurement
owner
X estimate
owner gage

Notes on Pump

Motor make etc. tag
Pump make etc. tag

X

Ralph D. Ross
Date: 3/5/2004

Theoretical Rate of Flow:
Claim no. 63-17759

Groundwater Measurement

.5 hp pump

Theoretical Rate of Flow: $Q = ((8.8) * (HP) * (EFF)) / TDH$

Where,

Q = flow in CFS

HP= Total Brake HP of pump including booster

EFF= pump efficiency (assume 70%)

TDH= Total dynamic Head = (Lift)+(PSI * 2.31)

Lift= Depth to water in feet

PSI = discharge pressure near the pump.

Variables		Calculated	% of of rated
Plate	Peak KWH	HP	
0.5	0.374	0.50116	100%
70%			
		117.400	
25			
40			

Theoretical Q =

0.03	CFS
12	GPM

Data Sources:

Lift From:

X

measurement
owner
area estimate
well logs

PSI from:

measurement
owner
X estimate
owner gage

Notes on Pump

Motor make etc. tag
Pump make etc. tag

Newer, 3/4 hp pump

Older, 1/2 hp pump

0.04 cfs

0.03

0.07

Total for the two pumps are about .07 cfs. Flow for this claim needs to be reduced.

Daily Fresh Water Requirement For Dairy Facility Worksheet

For: **63-17759** Ralph D. Ross

Quantity used per 1987 as per affidavit

Drinking Water Estimates (see Table 1 & 2):

				Cow Size Adjustment	Use/day	Total Gal/Day	Total Gals/Yr.	Acre-feet/ (AF/a)
		Number	Use/day	100%				
Milking Cows		75	35	35.0	2625	2625		
Dry Cows		15	12	12.0	180	180		
Total Cows		90			0	2805	1,023,825	3.14
Heifers:	Age	% of Herd	Number	Use/day	100%	Total		
	16-24 mo.	0.38	20	10	10.0	200.0		
	13-15 mo.	0.12	10	8	8.0	80.0		
	9-12 mo.	0.17	9	6	6.0	54.0		
	5-8 mo	0.17	8	5	5.0	40.0		
	3-4 mo	0.08	7	4	4.0	28.0		
	0-2 mo	0.08	6	2.5	2.5	15.0		
Total Heifers			60			417.0	152,205	0.47

Total Herd Drinking Water

3.61

Wash Pen Estimate: Not applicable

GPM discharge/nozzle		0
Number of Nozzles		150
Minutes run/day:		120
groups	12	
mins/group	5	
x/day	2	
days per year	365	

Total Wash Pen Water Used:

0 - 0.00

Milk House and Parlor Estimate (see Table 4)

Item	Gals/Op	x's/day	Gals/day		
Bulk Tank	60	0.5	30		
Pipeline	60	2	120		
Backflush	0		0		
Cleanup	400	2	800		
Cow Prep	0.5	2	75		
Plate Cooler(ignore if recycled)					
Total Milk House and Parlor Water Used:			1025	374,125	1.15
Total Gals/Day				4247	
Total Fresh Water Diverted Annually (af/a consumptive use)					4.8

Stockwater 3.61 afa
Commercial 1.15 afa

3/4/2004

Field Exam Date

**STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
ADJUDICATION FIELD REPORT**

Prior to Field Exam

- ☐ Copy of Claim, claim has been signed, sealed, and dated by notary?
- ☐ Check fees paid
- ☐ Well logs (if needed)
- ☐ Copy of topo or NAPP
- ☐ Check of Govt. Lots, if needed, Govt. Plat/Tax lot information
- ☐ Check POD & POU overlap, see below – include overlapping right for exam
- ☐ Evidence of Priority – if none, talk with claimant

CLAIMANT INFORMATION – verify contact information is complete

Claim No(s) 63-17759

Owner Ralph D. Ross Phone No. 888-3377

Current Address: 1520 S. Ten Mile Meridian ID 83642

- ☒ No change NAME IS THE SAME
- ☐ NEW OWNER 0
- ☒ No change Address
- ☐ NEW ADDRESS 0 0
- ☐ How long owned property? Since 1976, or 27 1/2 years

Accompanied by: Current owner

PRIORITY DATE

- ☒ No change – Complete evidence submitted or not necessary
- ☐ Incomplete – Claimant should be asked when water was first used and submit proof of date.
- ☐ Priority date is acceptable/within mandatory filing dates?

Priority date, per claimant, is: 1950 See Affidavit from Ralph Ross

(If priority date, based on your exam, seems questionable, explain below.)

Source: Groundwater Tributary to _____

- ☒ No Change – SAME SOURCE
- ☐ Source found is different than claimed: _____

POINT OF DIVERSION

- ☒ No change
- ☐ POD found is different than claimed: _____
- ☐ If different, when did POD change? _____

DIVERSION AND DELIVERY SYSTEM

Points of Diversion

ID #	Govt Lot #	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination	
									GPS ID	
		SW	SW	SW	14	03N	01W	Ada	A0002419	0303705
										0279530
									A0009234	0303680
										0279532

Description of diverting works drilled wells, 95' deep, with .5hp and .75 pumps, pressure tanks etc.
 Wells are jet pump design with maximum lift of 32 feet. Owner estimates current lift of 25'. Changes in the aquifer may have resulted in lower lift before 1987.

OVERLAP REVIEW

Other water rights with the same point of diversion: _____

Does overlap add acres or uses to existing system, increase rate of flow or volume, or other? Explain:

NA _____

WATER USES☒ No change as of 1987. Dairy has been non-functional since 1982.☐ Different Uses

Use _____ From _____ To _____ Amount _____ CFS _____ AFA

Use _____ From _____ To _____ Amount _____ CFS _____ AFA

Use _____ From _____ To _____ Amount _____ CFS _____ AFA

TOTAL VOLUME -- Groundwater only☒ Incomplete on claim, the total is, Amount 0.07 CFS _____ AFA☐ Changes found, the new total is, Amount _____ CFS _____ AFA☐ More than 1" per Acre? Yes _____ (claimant must complete excess flow sheet)

Stockwater use 3.61 afa, commercial use 1.15 afa

NON-IRRIGATION USES:☐ No change☒ Changes Exam found: Domestic # of homes 2 Stock # 150

Types _____ Additional comments: _____

PLACE OF USE:☒ No Change☐ Changes shown below:

AFTER EXAM THE FILE SHOULD CONTAIN:

- ☒ Completed claim checklist
- ☒ Photographs of POD's and POU
- ☒ GPS readings
- ☒ Completed map and or GIS layout showing POD's and POU

DATE EXAM CONDUCTED: 3/4/2004

FIELD EXAMINER: Dan Van der Stelt

D).

2.13.04

* DAIRY INVOLVED!
YEAH!

63-17759 - Ross

- I have requested evidence of ¹⁹⁵⁰ priority, but have not received anything yet. Please address this issue when you meet with the claimant.
 - Intrepid Engineering did a field exam in 2001 (attached), but found only one well. According to claimant, there are two wells (4" & 2")
Verify number (two?) of wells & location.
 - Ask claimant if any surface water / District Irrigation water is used to supplement right.
 - Nampa mentions for irrigation
Verify if wells can provide 0.3 cfs for domestic, stockwater, and commercial uses.
- Verify → ~~2 households~~ → ~~300 head dairy cattle~~
- Please indicate 2 households, POU, ²PODs, etc. on enclosed 1987 NAPP image.

10:AM 2:26

4" well 3/4 hp

2" well A0002419

1/2 hp 25'

April 7, 1975

OPERATIONS DIVISION
ADMINISTRATOR'S MEMORANDUM

TO: District Office
FROM: A. Kenneth Dunn
SUBJECT: Annual Use of Water for Stockwater Purposes

No. of Stock (head)	RANGE CATTLE		DAIRY CATTLE	
	Rate* c.f.s. (1)	Volume AF/yr. (1)	Rate* c.f.s. (2)	Volume AF/yr. (2)
0 - 10	0.02	0.2	0.02	0.4
11 - 25	0.02	0.4	0.02	1.0
26 - 50	0.02	0.7	0.04	2.0
51 - 100	0.03	1.4	0.07	4.0
101 - 200	0.05	2.7	0.13	7.9
201 - 300	0.07	4.1	0.20	12.0
301 - 400	0.09	5.4	0.26	16.0
401 - 500	0.12	6.7	0.33	20.0
501 - 600	0.14	8.1	0.39	24.0
601 - 700	0.16	9.4	0.46	28.0
701 - 800	0.19	11.0	0.52	32.0
801 - 900	0.20	12.0	0.58	36.0
901 - 1000	0.23	14.0	0.65	40.0
1001 - up (3)				

claimed }
300 dairy
FX found 75
100 - 150 dairy
cattle
(pre-1982)

de minimus
recommended
11
12,500 gpd

12,500
gpd

(1) The amounts shown are based on 12 gpd/head with a 12 month period of use. (i.e. for range cattle, horses and mules). The amount does not include a loss (i.e. thru conveyance, etc.)

2. The amounts shown are based on 35 gpd/head with a 12 month period of use. (i.e. for dairy cattle). The amount does not include a loss. (i.e. thru conveyance, etc.).

3. For annual use calculations which involve more than 1000 head, round the number of head up to the next even one hundred, and

Volume

- a) for livestock use @ 12 gpd/hd, N (0.0134).
- b) for dairy use @ 35 gpd/hd, N (0.0391).

Rate

- a) for livestock use @ 12 gpd/hd, N (0.00022).
- b) for dairy use @ 35 gpd/hd, N (0.00065).

The answer should be rounded up to the nearest whole acre-foot.

*The rate is based upon approx. 2 hr/day diversion to obtain daily requirement.

A. Kenneth Dunn



STATE OF IDAHO
OFFICE OF THE ATTORNEY GENERAL
LAWRENCE G. WASDEN
February 10, 2004

JUDITH ROSS OR RALPH ROSS
1520 S TEN MILE ROAD
MERIDIAN ID 83642

Re: SRBA Claim A63-17759

Dear Claimant(s):

I am the Deputy Attorney General assigned to represent the Idaho Department of Water Resources in Basin 63 in the Snake River Basin Adjudication.

The Department of Water Resources has previously contacted you regarding information on the priority date for the above SRBA claim. In order to make a positive recommendation of this water right, each element of the water right must be proven.

The Department plans to issue its Preliminary Recommendations on this water right later this year. If the Department does not receive all the necessary evidence for this claim, it will have no option but to recommend to the SRBA Court that this water right be disallowed, meaning that the water right will not be valid.

Please contact Kimberly Brown at the Western Regional Office for the Idaho Department of Water Resources at (208) 334-2190. **If she does not hear from you by March 12, 2004, then your water right will be recommended as disallowed.**

Very truly yours,

A handwritten signature in black ink that reads "Nick Spencer".

NICHOLAS B. SPENCER
Deputy Attorney General
Idaho Department of Water Resources

NBS/pm

cc: Kimberly Brown



State of Idaho

DEPARTMENT OF WATER RESOURCES

Western Region, 2735 Airport Way, Boise, Idaho 83705-5082 - (208) 334-2190

FAX (208) 334-2348

DIRK KEMPTHORNE
Governor

KARL J. DREHER
Director

August 25, 2003

RALPH & JUDITH ROSS
1520 SO. TNE MILE ROAD
MERIDIAN, ID 83642

RE: EVIDENCE OF PRIORITY
Snake River Basin Claim No(s): A63-17759

Dear Claimant(s),

In the past, you submitted the above referenced claim(s) during the Snake River Basin Adjudication (SRBA) claims taking. Enclosed is a computer generated print-out of the claim(s) for your reference only, it is not necessary to return this print-out or re-file it. You indicated, when this claim was filed, that the water right(s) was based on either a "Statutory Claim" or "Beneficial Use" of the water. Water rights of this type are established by historical use of the water for a beneficial use purpose, dating back to the time the water was first used; this date being the "Priority Date" as shown on the enclosed print-out. Your claim(s) has not been confirmed by a previous filing with the Department of Water Resources since there is no decree, license, or permit on file to verify the use of this water. For this reason, the Department is required to gather evidence from claimants supporting the date of priority for claims based on historical beneficial use of water.

Enclosed is a pamphlet entitled "Evidence of Priority" which describes why evidence of the priority date is necessary, along with examples of types of evidence that can be submitted to fulfill this requirement. While I encourage you to read the entire pamphlet, I direct your attention to the two sections entitled **"What Kind of Evidence is Required"** and **"Some Examples of Documents Which May Be Evidence of the Priority Date."**

It is important that each element of the Notice of Claim be substantiated. For instance, regarding claims for irrigation, the evidence should tend to show that diversion works were in place, that they were capable of diverting the claimed diversion rate, and that the diverted water was beneficially used on the entire claimed place of use on or before the claimed priority date.

If no evidence is submitted, or we do not hear from you within the time limit below, your priority date, as claimed, may not be recommended to the SRBA court for decree. This could jeopardize your water use under this right(s) if water availability problems arise in the future..

The required evidence supporting the priority date(s) requested needs to be submitted by September 22, 2003. Please let me know if you may not be able to submit proof of priority or have any questions not covered by this letter and the enclosed pamphlet, by the date indicated



State of Idaho

DEPARTMENT OF WATER RESOURCES

Western Region, 2735 Airport Way, Boise, Idaho 83705-5082 - (208) 334-2190

FAX (208) 334-2348

DIRK KEMPTHORNE
Governor

KARL J. DREHER
Director

above.

Respectfully Submitted,

Kimberly L. Brown

Kimberly L. Brown
Water Resource Agent
Adjudication Bureau

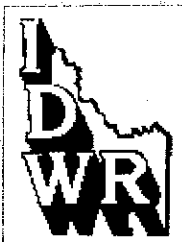
Enclosure: "Evidence of Priority" pamphlet
Notice of Claim A63-17759

NOTE: If you no longer own the property upon which this claim was filed, please contact this office immediately. Idaho State law requires that the Department be notified of a change of owner or address on a water right.



IDAHO DEPARTMENT OF WATER RESOURCES

SNAKE RIVER BASIN ADJUDICATION - BASIN 63



RIGHT ID 63 17759
POD ID 171520
Quad Meridian 1
Claim Type Large
Easting 303680
Northing 279532
GPSID A0009234

Diversion Description

WELLS, ONE 4".95'DEPTH, ONE 2".95'DEPTH WITH PUMPS & P/L'S TO P/U. Located in shed next to barn. Only one POD indicated by claimant.

* claimant has 2 PODs - one is located inside the house, in the fruit cellar. This one (GPSed) is the "main well" in a shed & used for dairy.

Assumptions

Elevation head (per claimant).

Invoice #

2000-055-01

Phase-0 (No Attention)
Phase-I (Ready to Go to Field)
Phase-II (Site Visit - Data Missing)
Phase-III (Complete w/Issues)
Phase-IV (Total Complete)

Linked

Photos\171520a.JPG

Photos

EPE (ft)

22 LH

Date (M/D/Y)

11/20/01

Time

9:40

Flow Rate (CFS)

0.03

Open Channel Flow

☐ Complete one box from both Area and Calculation sections

Cross Sectional Area

☐ Circular Channel

- ☐ Less than half full
☐ Half full
☐ More than half full
☐ Full

Diameter 0

Depth 0

☐ Rectangular Channel

Width 0

Depth 0

Flow Calculation

☐ Continuity

Velocity

0

☐ Orifice

(Use only for head over a pipe flowing full with free discharge)

Depth of Water above orifice centerline 0

☐ Weir

(Use only for water flowing freely over weir)

Height of water above nappe 0

Width of weir 0

☐ Manning

(If used, include photo of representative channel section)

Channel Slope

Channel Description

Concrete lined .016
Smooth earth .025
Earth .033
Rough bed, weeds on sides .04
Smooth natural stream .033
Rough natural stream .1

Pumped System

☒

HP 0.75

Pressure Head (psi) 50

Elevation Head (ft) 25

Motor Mfg

Motor Serial #

Pump Type Submersible

Pump Mfg

Pump Serial#

New Contact Information

☐

New Contact Comments

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INTREPID
Engineering Services, Inc. (IES)
Enabling People and Solutions

RIGHT ID

63 17759

63-17759

Photo 171520a



Franklin Electric

Bluffton, Indiana 46714

MADE IN USA

INDUSTRIAL

SUBMERSIBLE MOTOR CONTROLS

MODEL 2801074910 HP 3/4 VOLTS 230

RPM 3450 PH 1 AMP. 6.4 S.F. MAX

EFF 55 S.F. 1.5 KVA CODE

AUTOMATIC THERMAL MOTOR PROTECTION

PAT. NOS. 3,061,384 3,159,762 3,454,740

MADE IN CANADA PAT. NOS. 1,111,111 1,111,111

MADE IN CANADA PAT. NOS. 1,111,111 1,111,111



State of Idaho

DEPARTMENT OF WATER RESOURCES

Western Region, 2735 Airport Way, Boise, Idaho 83705-5082 - (208) 334-2190

FAX (208) 334-2348

DIRK KEMPTHORNE
Governor

KARL J. DREHER
Director

November 9, 2001

RE: Investigation of Water Right Claims in the Snake River Basin Adjudication, Basin 63

Dear Claimant:

As you may be aware, the Idaho Department of Water Resources (IDWR) is commencing its Snake River Basin Adjudication (SRBA) investigation of water rights in the Boise River Basin (Basin 63). This investigation is a major effort, and IDWR has hired a contractor, Intrepid Engineering Services, to assist us with this task.

The purpose of this letter is to advise you that Intrepid might be contacting you to conduct a field investigation of your water use. This investigation is meant to provide important information to the IDWR Senior Water Resource Agent who will be making a recommendation for your water rights. Accordingly, we request that you provide Intrepid with access to your water diversion system so that their personnel can conduct this field examination. Intrepid will be gathering information on the rate of flow, diversion location and place of use of your water rights, and will be reporting this information to IDWR.

If you have sold your property in the Boise River Basin, we request that you forward this letter to the purchaser, so that the purchaser can report the new name and address to our office. If you are unable to forward this letter, please send any information regarding a new owner to our Western Regional Office located at 2735 Airport Way, Boise, 83705, (208) 334-2190.

The process of adjudicating your water rights is straightforward for most people, resulting in the issuance of decreed water rights on your property. Experience has shown that water users who work with our agency early in the process to ensure that their recordings are correct have a better experience than those who wait until IDWR has filed its findings with the SRBA Court. Thus, we encourage you to work with our staff and with Intrepid to ensure that the results accurately reflect your water uses.

Sincerely,

Jan Shurte
Adjudication Section Supervisor
Western Regional Office