

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: A36-08199
Date Received: 7/27/1988
Receipt No: S001116
Received By: SCC

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: BERT R. HILARIDES
Address: 2750 A S. 1500 E.
WENDELL, ID 83355

OR

Name: ARLIN C. HILARIDES
Address: 2750 A S. 1500 E.
WENDELL, ID 83355

2. Date of Priority: MAY 27, 1983

3. Source: GROUNDWATER Trib. to:

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4	Lot	County
07S	14E	23	SE		NW		GOODING

5. Description of diverting works:
WELL, PUMP

6. Water is used for the following purposes:

Purpose	From	To	C.F.S	(or)	A.F.A.
STOCKWATER	01/01	12/31	0.550		
COMMERCIAL	01/01	12/31	0.550		

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

8. Total consumptive use is Acre Feet Per Annum.

9. Non-irrigation uses:
D/850 COWS

10. Place of Use:

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
07S	14E	23	SE	NW		STOCK	
			SE	NW		COMMER	

11. Place of use in counties: GOODING

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

13. Other Water Rights Used:
A36-04217

14. Remarks:
C/ IS DAIRY

15. Basis of Claim: PERMIT

MICROFILMED
FEB 05 1993

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):

Gilbert C. Alvarado Date: 7-27-88

Date: _____

State of Idaho)

County of Twin Falls)

SS.

Subscribed and sworn (or affirmed) before me this 27th day

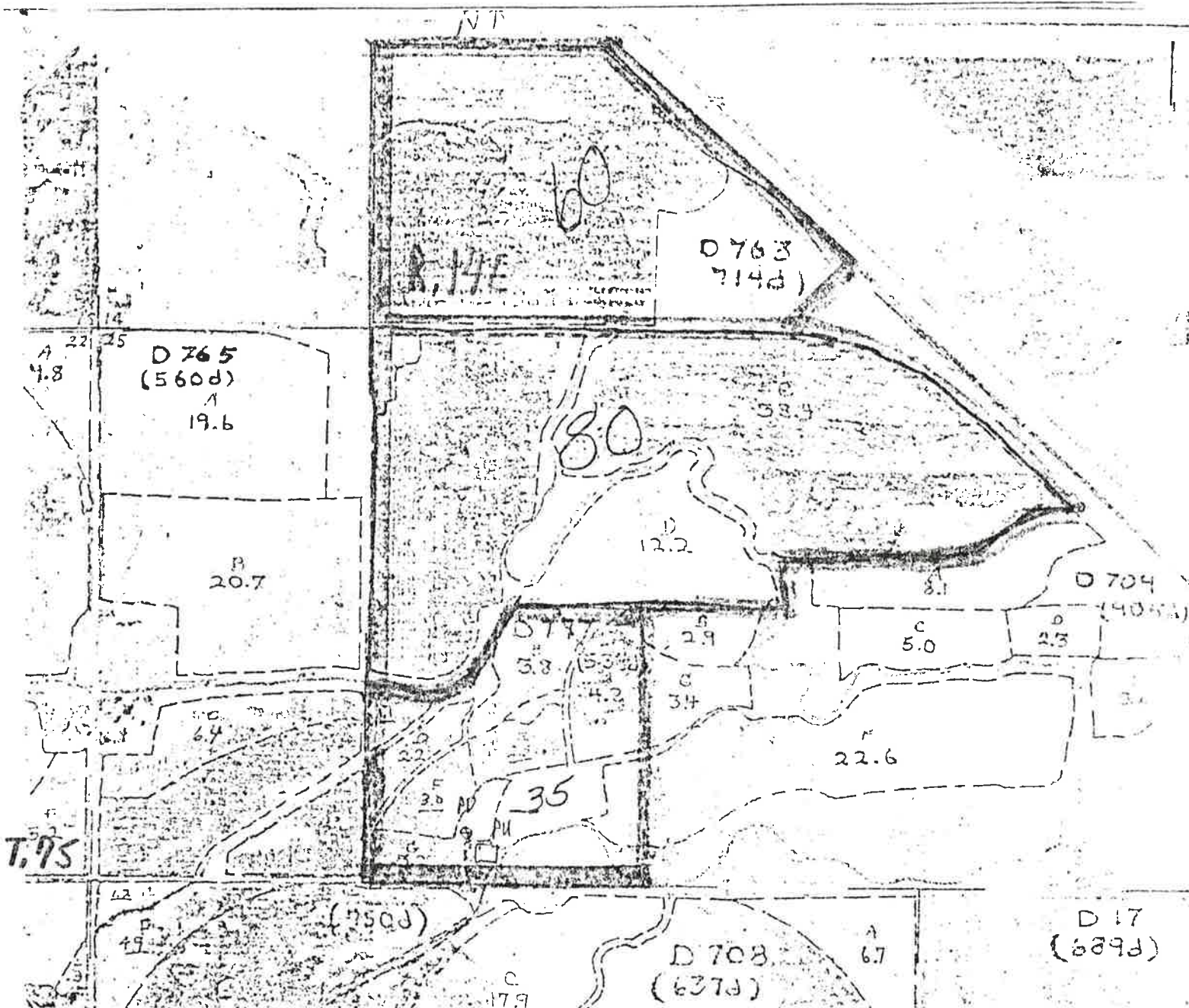
of July 19 88

Roxanne Storey
Notary Public

Seal

Residing at Buhl, ID

My Commission Expires 6-30-94



Map should show the location of the point of diversion and the place of use of the water by 40-acre subdivisions, section, township and range of the public land survey system.

State of Idaho)

) ss.

County of Twin Falls)

Be it known that the undersigned, being duly sworn, deposes and says that he, she, they subscribed the foregoing claim to a water right, together with all attached information, and that the matters and facts therein are true to the best of the affiant's knowledge.

John C. Harada
(Claimant)

Sworn to before me this 27th day of May, 1983

FEB 05 1993

A36-08199

Loren O. Halme

Notary Public

Twin Falls, ID

1997 DEC 16 AM 11: 22

DISTRICT COURT - SRBA
TWIN FALLS CO., IDAHOIN THE DISTRICT COURT OF THE FIFTH JUDICIAL DISTRICT OF THE
STATE OF IDAHO, IN AND FOR THE COUNTY OF TWIN FALLS

In Re SRBA

Case No. 39576

) NOTICE OF COMPLETED
) ADMINISTRATIVE PROCEEDINGS
)
)
)

SUB CASE NO. 36-08199

IDWR has completed the following Administrative proceeding: LICENSE ISSUED

Name of Claimant:

Bert R Hilarides

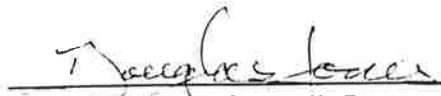
Arlin C Hilarides

2750A S 1500 E

Wendell ID 83355

IDWR certifies that it has completed its investigation into the changes to the elements of the water rights listed above as set forth in the attached *Amended Director's Reports* for said water rights. No other changes have been made to the elements of these water rights except as set forth above.

IDWR has served copies of the *Notice of Completed Administrative Proceeding* and *Amended Director's Report(s)* on the claimant(s), prior claimant(s) and all parties in the subcases affected, if any, as reflected on the attached certificate of mailing.

DATED: 12/16/97

 Signature of IDWR Representative

CERTIFICATE OF MAILING

I certify that on 12-16, 1997, I mailed the original and copies of this form to the following persons, postage prepaid and addressed as follows:

1. Original to:
Clerk of the District Court
Snake River Basin Adjudication
253 Third Avenue North
PO Box 2707
Twin Falls ID 83303-2707
2. One Copy to:
Claimant or attorney of record:
Bert R Hilarides
Arlin C Hilarides
2750A S 1500 E
Wendell ID 83355
3. One Copy to:
Chief Natural Resources Division
Office of the Attorney General
PO Box 44449
Boise ID 83711-4449
4. One Copy to:
United States Dept Of Justice
Environment & Natural Resource Div
550 West Fort Street MSC 033
Boise ID 83724



Signature of person or attorney mailing the form

IDAHO DEPARTMENT OF WATER RESOURCES
RECOMMENDED WATER RIGHTS ACQUIRED UNDER STATE LAWDATE: DEC-15-1997
PAGE: A-2-----
RIGHTS FROM: SOURCE: GROUNDWATER

RIGHT NUMBER: 36-08199

NAME & ADDRESS: BERT R HILARIDES
ARLIN C HILARIDES
2750-A S 1500 E
WENDELL ID 83355

SOURCE: GROUNDWATER

QUANTITY: 0.2 CFS
46.8 AFY

PRIORITY DATE: 06/15/1983

POINT OF DIVERSION: T07S R14E S23 SWSNW Within GOODING County

PURPOSE AND PERIOD OF USE:	PURPOSE OF USE	PERIOD OF USE	QUANTITY
	STOCKWATER	01-01 12-31	0.2 CFS
			24.0 AFY
	COMMERCIAL	01-01 12-31	0.2 CFS
			22.8 AFY

PLACE OF USE:	STOCKWATER	Within GOODING County
	T07S R14E S23	SENW
	COMMERCIAL	Within GOODING County
	T07S R14E S23	SENW

EXPLANATORY MATERIAL: BASIS OF CLAIM - LICENSE
COMMERCIAL USE IS FOR A DAIRY OPERATION.
STOCKWATER IS FOR 600 COW DAIRY.



State of Idaho

DEPARTMENT OF WATER RESOURCES

1341 Fillmore Street, Suite 200, Twin Falls, ID 83301-3380

Phone: (208) 736-3033 FAX: (208) 736-3037

December 16, 1997

**PHILIP E. BATT
GOVERNOR**

**KARL J. DREHER
DIRECTOR**

BERT R HILARIDES
ARLIN C HILARIDES
2750A S 1500 E
WENDELL ID 83355

RE: SRBA Claim(s) 36-08199

Dear Claimant:

Please find the enclosed copy of the Notice of Completed Administrative Proceeding which the department has filed with the SRBA Court regarding the above referenced claims. You have received this notice pursuant to SRBA Court Administrative Order 11 requiring IDWR to report to the court and interested parties any pending changes to adjudication claims in basins for which a Director's Report has been filed with the court.

Please contact this office if you have any questions about the notice or the administrative process.

Sincerely,

Trish Fawcett
Technical Records Specialist

/tf

AJ0749NP
No. R36-08199

IDAHO DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM PROFILE REPORT
(REGIONAL)

DATE: 12/12/97
PAGE: 1

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM TO	DIVERSION RATE	DIVERSION VOLUME
C	BERT R HILARIDES	06/15/1983	STOCKWATER	01-01 12-31	0.20 CFS	24.00 AFA
C	ARLIN C HILARIDES		COMMERCIAL	01-01 12-31	0.20 CFS	22.80 AFA
	2750-A S 1500 E					
	WENDELL ID 83355					
	(208) 536-6200			TOTAL DIVERSION:	0.20 CFS	46.80 AFA

Water Source: GROUNDWATER

Tributary to:

Stage: LICENSE

Point(s) of Diversion: T07S R14E S23

SWSNW

GOODING County

Place of use Legal Description for: STOCKWATER

NE				NW				SW				SE											
T	R	S	:	NENE	NWNE	SWNE	SENE	:	NENW	NWNW	SWNW	SENW	:	NESW	NWSW	SWSW	SESW	:	NESE	NWSE	SWSE	SESE	:
				Lt	Ac	Lt	Ac		Lt	Ac	Lt	Ac		Lt	Ac	Lt	Ac		Lt	Ac	Lt	Ac	
07S	14E	23	:					:					:					:					:

Place of use Legal Description for: COMMERCIAL

NE				NW				SW				SE											
T	R	S	:	NENE	NWNE	SWNE	SENE	:	NENW	NWNW	SWNW	SENW	:	NESW	NWSW	SWSW	SESW	:	NESE	NWSE	SWSE	SESE	:
				Lt	Ac	Lt	Ac		Lt	Ac	Lt	Ac		Lt	Ac	Lt	Ac		Lt	Ac	Lt	Ac	
07S	14E	23	:					:					:					:					:

POU County: GOODING

Remarks: EXP COMMERCIAL USE IS FOR A DAIRY OPERATION.
STOCKWATER IS FOR 600 COW DAIRY.

Dates: Exam Made Date:

Verified Date:

Objection Filed Date:

Misc: Water District Number:

Field Inspection Flag:

Presumption Flag:

Comments: Date: 04/02/1992 User-ID: MERRITT Subject: LICENSING FIELD EXAM COMPLETED BY ADM 4/2/92

Date: 12/12/1997 User-ID: SCLELLAN Subject: REFORMAT UPDATE & LICENSE DATA
REFORMAT UPDATE & LICENSE DATA
CONFORMED THE RECORD TO MATCH THE LICENSED INFORMATION FOR THIS
RIGHT. LICENSED ON 9/6/94.

Audit: 12/12/97 SCLELLAN

WR5809NP
No. 36-08199

IDAHO DEPARTMENT OF WATER RESOURCES
WATER RIGHT PROFILE REPORT

DATE: 12/12/97
PAGE: 1

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM TO	DIVERSION RATE	DIVERSION VOLUME
C	BERT R HILARIDES	06/15/1983	STOCKWATER	01/01 12/31	0.200 CFS	24.00 AFA
C	ARLIN C HILARIDES		COMMERCIAL	01/01 12/31	0.200 CFS	22.80 AFA
	2750-A S 1500 E					
	WENDELL ID 83355					
	(208) 324-1129					
				TOTAL DIVERSION:	0.200 CFS	46.80 AFA

Water Source: GROUNDWATER

Tributary to:

Stage: LICENSE

Point(s) of Diversion Capacity: 0.200 CFS

Point(s) of Diversion: T07S R14E S23

SENW

GOODING County

Place of use Legal Description for: STOCKWATER

	NE				NW				SW				SE			
T R S	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac
07S 14E 23	:		:		:		:		:		:		:		:	

Place of use location for COMMERCIAL is the same location as described for: STOCKWATER

Pou County: GOODING

Remarks: Commercial use is for a dairy operation.
Stockwater use is for 600 dairy cattle.

Dates:	App. Received:	05/27/1983	Priority Date:	06/15/1983	(Priority Date Advanced.)
	Proof Due Date:	06/01/1990	Proof Made Date:	06/20/1990	(Proof Received Late.)
	Exam Made Date:	04/01/1992	Exam Sent to S.O.:	10/28/1992	
	Licensed Date:	09/06/1994			

Misc: Water District Number: Field Exam Fee: R (Received)

Audit: 09/22/87 05/28/88 CONVERT 01/15/91 BILBAO 04/02/92 FOSTER
10/28/92 BALDWIN 08/09/94 BCHAPMAN

R PROOF

X

CVR

X

MAPS

X

PHOTOS

X

MISC

X

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Water Right Number - R36-08199 Prefix Translation: RESEARCH Old (D) Number -
+ - - - - Last Name - - - - + + - First Name - - + + - - - - - Address - - - - - +

*** C - CURRENT OWNER ***
HILARIDES

BERT R.

1 - 2750 A S. 1500 E.
2 -
3 -

City- WENDELL
Phone - 208-536-6200

State- ID Zip- 83355

HILARIDES

ARLIN C.

1 - 2750 A S. 1500 E.
2 -
3 -

City- WENDELL
Phone - 208-536-6200

State- ID Zip- 83355

+ - - Priority Date - - + + - - - Region - - - + + - - - Stage - - - + + - - - Status - - - +
06/15/1983 17 SOUTHERN P - PERMIT

+ - - - - Source - - - - - + + - - - - Tributary - - - - - +
GROUNDWATER

+ - - - - Point of Diversion - - - - - +
+ - - - - +
Twn Rng Sec Tract Lot RFlg County
07S 14E 23 SW SE NW (47) GOODING

+ - - - - Water Use - - - - - +
+ - - - - +
Code Description Period From Period To Diversion Rate Diversion Volume
04 - STOCKWATER 01/01 12/31 0.550 36.00
10 - COMMERCIAL 01/01 12/31 0.550 1.40

+ - Total Div. Rate - + + - Total Div. Volume - + + - Total Consumptive Use - + + - KW Usage - +
0.550 37.40 5.2

+ - - - - Place of Use - - - - - +
+ - - - - +
Twn Rng Sec Tract Lot Acres Code Description County
07S 14E 23 SE NW 04 STOCKWATER (47) GOODING
07S 14E 23 SE NW 10 COMMERCIAL (47) GOODING

Total Acres:

+ - - Diversion Means - WELL, PUMP

+ - - Non-Irrigation Use - COMMERCIAL & STOCKWATER FOR 850 COW DAIRY

+ - - Other Rights for Same Use -

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

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Water right number - R36-08199

Prefix Translation: RESEARCH

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

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

3608199

+ - - - - Conditions of Approval - - - - - +

A01 - THIS RIGHT IS CONDITIONED UPON COMPLETION OF THE APPROPRIATION
- IN ACCORDANCE WITH THE STATUTORY PROCEDURE FOR APPROPRIATION
- OF WATER RIGHTS. THIS RIGHT REMAINS SUBJECT TO ALL CONDITIONS
- SET FORTH IN THE PERMIT UPON WHICH THIS RIGHT IS BASED, AND WILL
- BE SUBJECT TO ALL CONDITIONS SET FORTH IN THE LICENSE ISSUED BY
- IDWR UPON COMPLETION OF THE STATUTORY APPROPRIATION PROCESS.

+ - - - Decree Plaintiff - - - +

+ - - - Decree Defendant - - - +

+ - Decree Date - +
00/00/0000

+ - - - - -Comments- - - - - +

Date: 04/02/1992 User Id: MERRITT Subject: LICENSING FIELD EXAM COMPLETED BY ADM 4/2/92

+ - - Audit Fields - - +

04/29/92 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	- 04/29/1992	Old Judicial District	-
Claim Received Date	- 00/00/0000	Last Amended Date	- 00/00/0000	Temporary Right	- P
		Receipt Number	- S001116	Water District	-
		POU Ownership Flag	- Y	Federal/State Indicator	- S
		Name Connector	-	Presumption Flag	-
				Notice of Error Flag	-

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FILE NUMBER ----- 36-08199
REVIEWER ----- RVW 4/29/92

DAIRIES: WATER USE WORKSHEET

REQUIRED DAIRY DATA

NUMBER OF MILKING CATTLE -----	850
NUMBER OF NONMILKING CATTLE -----	0
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) * ---	0.58
MILKING CATTLE @35 GPD/HD -----	0.55
NONMILKING CATTLE (NUMBER OF CATTLE ROUNDED UP) *	0.00
NONMILKING CATTLE @12 GPD/HD -----	0.00
TOTAL (BASED UPON ROUNDED NUMBERS) -----	0.58

DIVERSION VOLUME (AFA):

STOCKWATER

MILKING CATTLE (NUMBER OF CATTLE ROUNDED UP) * ---	36.0
MILKING CATTLE @35 GPD/HD -----	33.3
NONMILKING CATTLE (NUMBER OF CATTLE ROUNDED UP) *	0.0
NONMILKING CATTLE @12 GPD/HD -----	0.0
TOTAL (BASED UPON ROUNDED NUMBERS) -----	36.0

COMMERCIAL

WASHING OF BULK TANK AND RELATED EQUIPMENT -----	0.4
PARLOR FLOOR AND MILKHOUSE FLOOR -----	0.1
CATTLE WASHING BASED UPON METHOD OF WASHING -----	1.0
TOTAL -----	1.4

TOTAL DIVERSION VOLUME ----- 37.4

CONSUMPTIVE USE VOLUME (AFA):

STOCKWATER

MILKING -----	5.2
NONMILKING -----	0.0
TOTAL -----	5.2

COMMERCIAL ----- 0.0

TOTAL CONSUMPTIVE USE ----- 5.2

* 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) -----	7.50	0.00	0.00
LIFT (FT) -----	130	0	0
DISCHARGE PRESSURE (PSI) -----	45	0	0
FRICTION LOSSES (FT) -----	0.0	0.0	0.0

CALCULATIONS

THEORETICAL FLOW RATE (CFS) * ----- 0.20 0.00 0.00

DIVERSION VOLUME (AFA) ** ----- 143.0 0.0 0.0

* PUMP EFFICIENCY WAS ASSUMED TO BE 70%.

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

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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

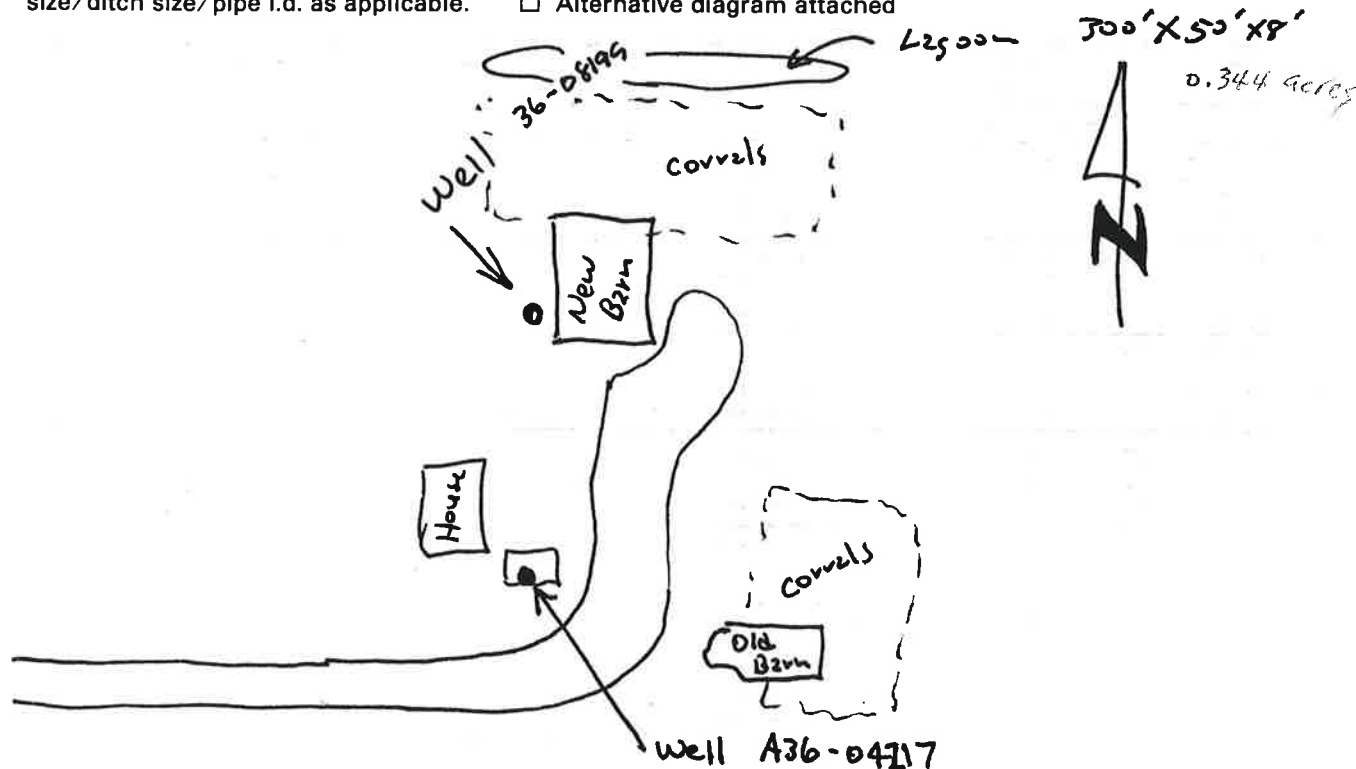
- Permit No. 36-08199
1. Owner: Bert & Arlin Hildebrand Phone No. 536-6200
Current Address: 2750-A S. 1500 E. Wendell, ID, 83355
2. Accompanied by: Phone conv. (Louis Bettencourt) EXAM. DATE: 3/24/92 4/1/92
? Accompanied by dairy hand on 3/ Address: ? Phone No. 324-1129 home
Relationship to Permit Holder: Louis Bettencourt is buying property & presently operates dairy. 734-6321-1124 Truck
3. Source: Groundwater tributary to _____

B. OVERLAP REVIEW

1. Other water rights with same place of use: A36-04217 on nearby well used to supply house and water for 100 dry stock. ☐ 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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System Description (continued)

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

7 1/2 H.P. submersible pump delivers to stock tanks & barn.
In the barn there is a conc. tank from which water is pumped
via a 20 H.P. pump for wash system in dairy.

In the barn use (see lot's print out)
They milk 600 cows twice a day and they use
automatic wash.

☒ 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
Well		7 1/2	No plate		
Booster for Wash	Marathon	20			0843376

*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
		SW	SE	NW	23	7S.	14E	Gooding	Quadr

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	
7S	14E	23								5/8									

Do not use this space

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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:

E. FLOW CALCULATIONS

☒ Additional Computation Sheets Attached

1. Measured Method:

Theoretical Calc.

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: (6) x 1.34 = _____ (7)

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

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

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

See attached sheet

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

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

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

2. Volume Calculations for Other Uses:

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H. REMARKS AND OVERLAP REVIEW ANALYSIS

Dry Stock watered from older well covered under
A36-04217

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Stockwater	1/1	12/31	0.20	23.5
Commercial	1/1	12/31	0.20	7.0
Totals:			0.20	30.5

2. Recommended Amendments (10 Ave trust)

- ☒ 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

J. AUTHENTICATION

Field Examiner's Name Allen Merritt, P.E.

Signature [Signature]

Certification Date _____

Field Report Preparation Date _____

CONSULTANT SEAL

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

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FEB 05 1993

FILE NUMBER ----- 36-08199
 REVIEWER ----- ADM 4/2/92

REQUIRED DAIRY DATA

1. NUMBER OF MILKING CATTLE 600
 2. NUMBER OF DRY CATTLE --- 0
 3. SIZE OF LAGOON
 (SURFACE IN ACRES) ----- 0.4
 (DEPTH IN FEET) ----- 8
 4. EVAPOTRANSPIRATION
 FACTOR FOR AREA ----- 4
 5. METHOD OF WASHING ----- 2
 (ENTER 1 FOR MANUAL
 2 FOR AUTOMATIC)
 6. NUMBER OF MILKINGS/DAY 2

STOCKWATER USES

RATE DIV VOL CONS USE VOL
 (CFS) (AFA) (AFA)
 DAIRY 0.39 23.5 3.6
 DRY 0.00 0.0 0.0
 TOTAL 0.39 23.5 3.6

COMMERCIAL USE (FACILITIES)

DIV VOL CONS USE VOL
 (AFA) (AFA)
 7.0 1.6

Total

30.5

5.2

← Recommended

VOLUME CALCULATIONS FOR STOCK WATER

1. DAIRY CATTLE @35 GAL/HD
 FACTOR = #HD * 0.0391 --- 23.46
 2. NONMILKING CATTLE @12 GAL 0

VOLUME CALCULATIONS FOR COMMERCIAL USE

1. WASHING OF BULK TANK VAL= AFA
 AND REL EQUIP (490 GAL/DA 0.5
 2. PARLOR FLOOR AND/OR
 MILKHOUSE FLOOR @190GAL/D 0.2
 3. HOLDING PEN WASHED
 (ONCE A DAY) @200 GAL/D 0.2
 4. CATTLE WASHING BASED UPON
 # HEAD*METHOD OF WASHING 6.0

$$0.20 \times 1.98 \times 365 = 144.5 \text{ Aft mx csp.}$$

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GROUNDWATER MEASUREMENT REQUIREMENT ANALYSIS

FILE: 36-08199 / A36-08199
DATE: 3/24/92 - 4/1/92
BY: ADN

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])

$$Q = \frac{(8.8) \left(\dots \frac{7\frac{1}{2}}{\dots} \dots \right) (0.70)}{\left[(\dots 130 \dots) + (\dots 45 \dots \times 2.31) \right]} = 0.20$$

LIFT FROM:
measurement ()
owner ()
area estimate ()
well logs ☒

PSI FROM:
measurement ()
owner ()
estimate ()
owner gage ☒

NOTES ON PUMP:
Motor Make, Serial or ID
No plate
Pump Make, Serial or ID, rating
H.P. from operator.

Booster (Y) (N)

REMARKS Water is boosted to wash 2nd viz 20 H.P. pump.

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	POTENTIAL =
5/01-09/30	153	2-3	(.....) X (1.98) X (.....)
4/15-10/15	184	2.5-3.5	
4/01-10/31	214	3-4	
3/01-11/30	275	VARIES	(.....)
3/15-11/15	246	VARIES	

POTENTIAL =

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 ()

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CONVERSATION MEMORANDUM

EMPLOYEE: Allen Mervitt

FILE

A36-04217A36-08199 / 36-08199RE: # of cattle

DATE

4/1/92

NAME OF PARTY

Louis Bettencourt(734-6321 mobil 1124)

After talking to Mrs. Hillarides a few days ago she indicated to get hold of Louis Bettencourt about any questions about the dairy. This day I talked with Mr. Bettencourt and he confirmed that the max. milking cows was 600. He also indicated that the barn well pump was 7 1/2 H.P. He also indicated the old well served the dry stock and that at the max there was 100 dry stock.

Mr. Bettencourt operates the dairy and is in the process of buying this operation from Hillarides.

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View looking north
at barn with
corrals for 600
milking cows in
background.



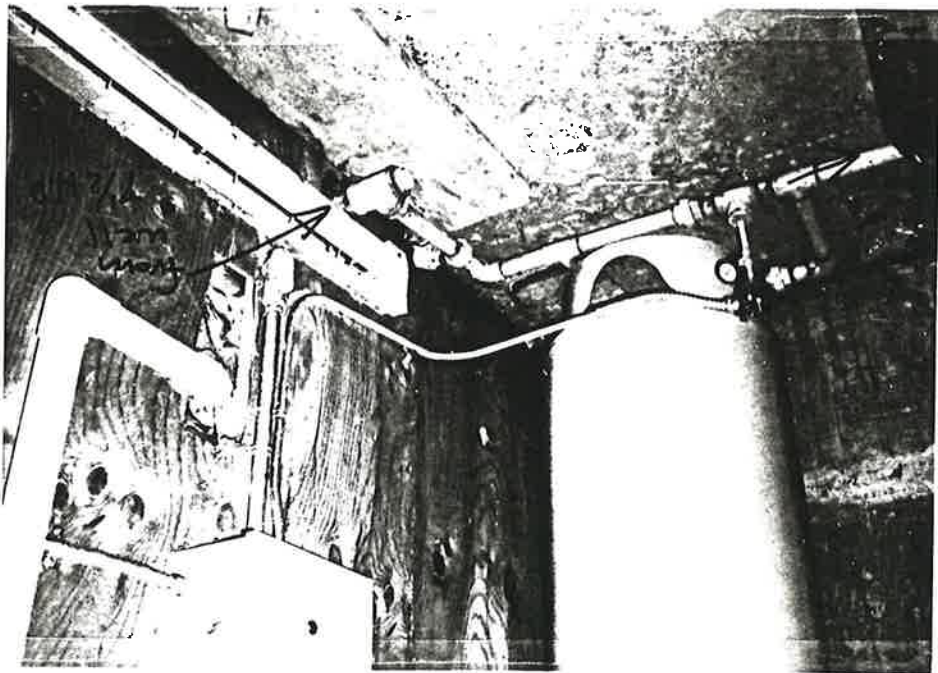
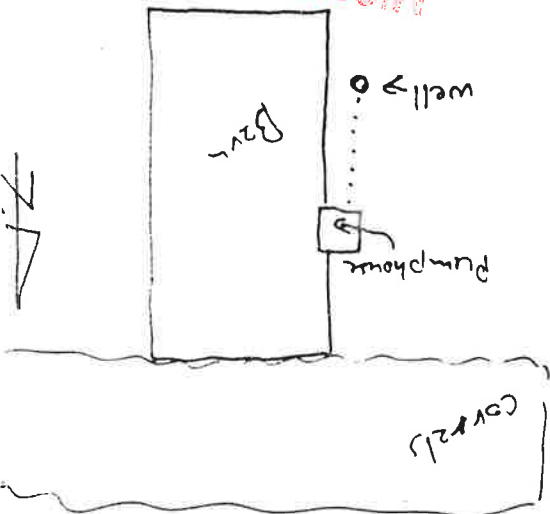
Waste lagoon north
of barn. Water
is pumped and
disposed of on lands
with canal shares.

Lagoon is approx
300' x 50' x 8'.

.344 acres

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FEB 05 1993



Inside pump house
on west side of
barn

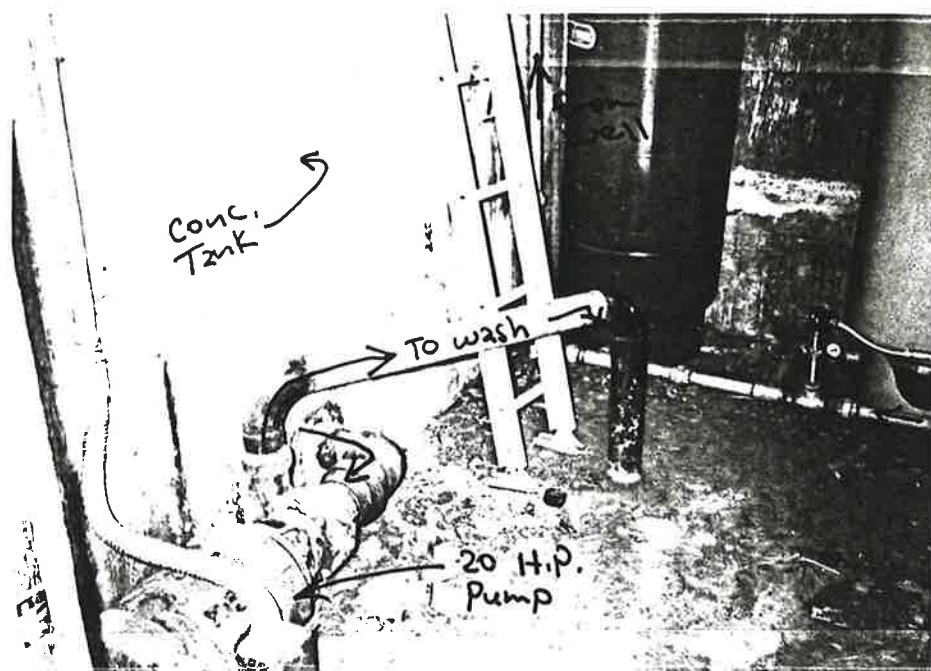


Well on west side
of barn

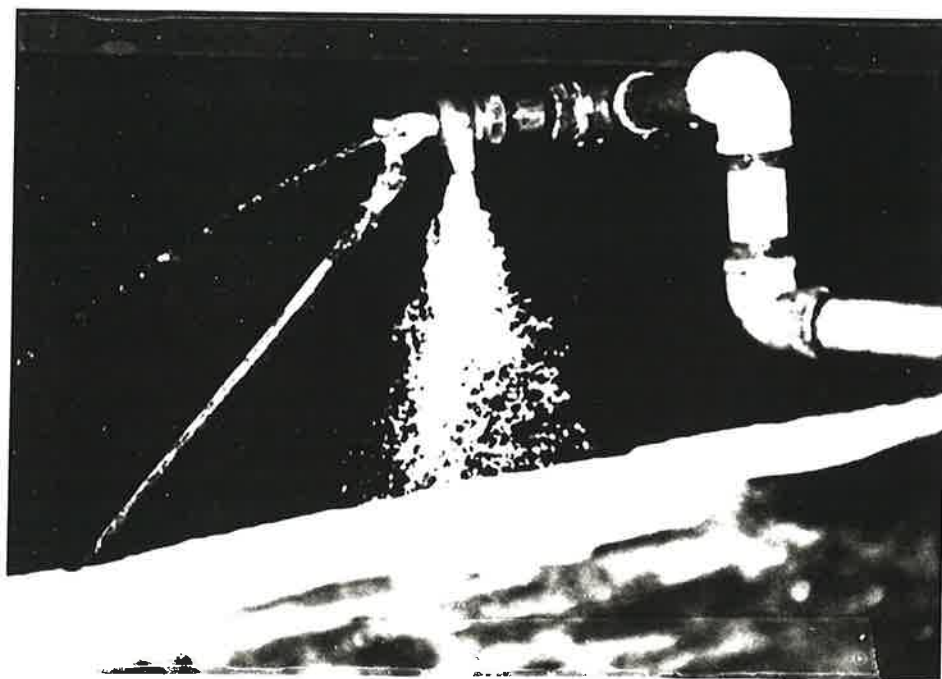
Hilavides

36-08199 / A36-08199

4/3



Pump house

Flow into
conc. storage
tank.MICROFILMED
FEB 05 1993

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
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.

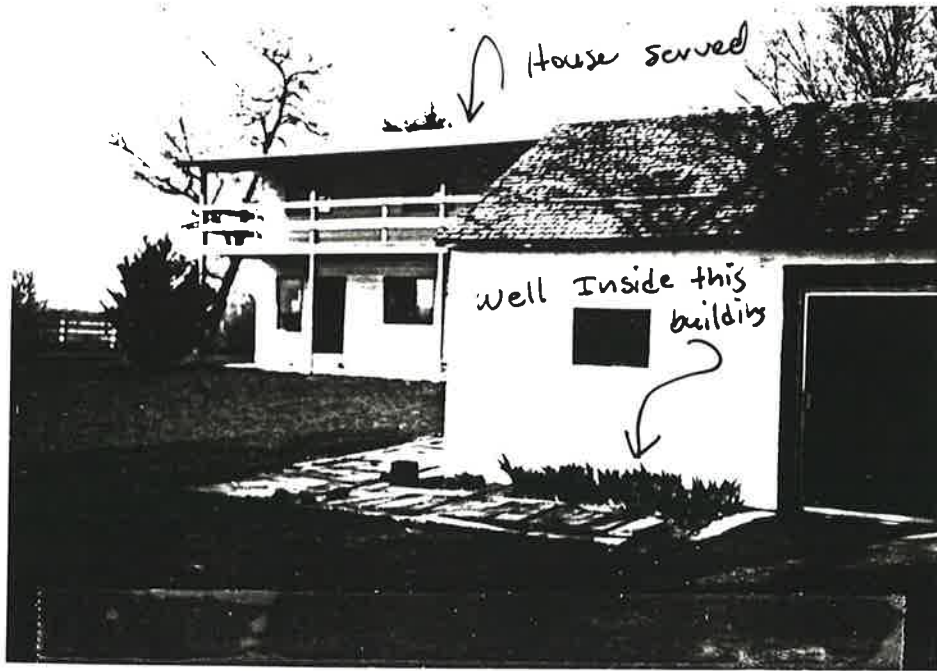
USE TYPEWRITER OR

BALLPOINT PEN

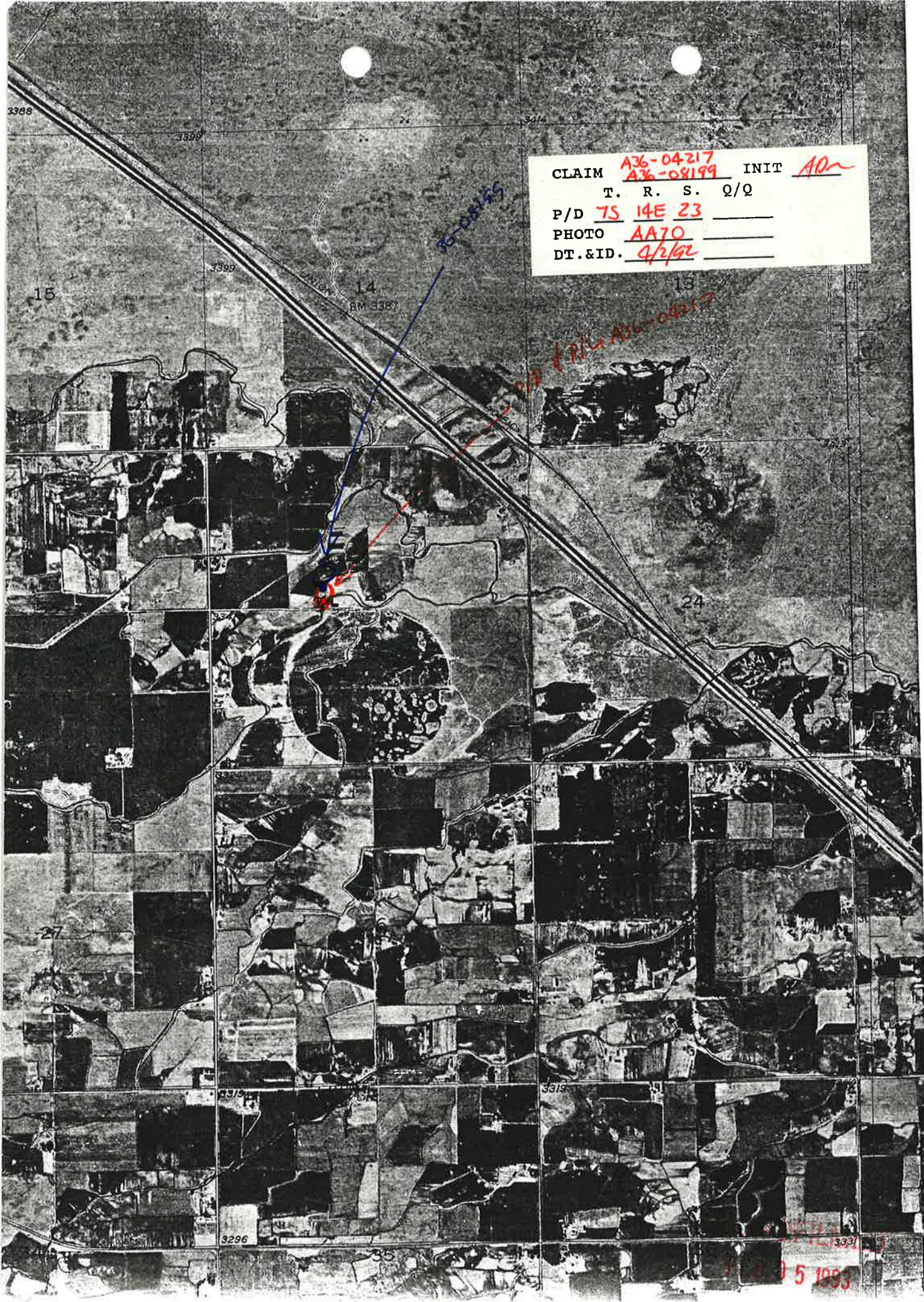
JUN 25 1981

1. WELL OWNER Name <u>BERT H. LARIDES</u> Address <u>NW of well</u> Owner's Permit No. _____	7. WATER LEVEL Static water level <u>124</u> feet below land surface. Flowing? ☐ Yes ☒ No G.P.M. flow _____ Artesian closed in pressure ☐ Yes ☒ No p.s.i. _____ Controlled by ☐ Valve ☐ Cap ☐ Plug Temperature _____ OF. Quality _____																																																																						
2. NATURE OF WORK ☒ New well ☐ Deepened ☐ Replacement ☐ Abandoned (describe method of abandoning) _____	8. WELL TEST DATA ☐ Pump ☒ Bailer ☐ Air ☐ Other _____ <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Discharge G.P.M.</th> <th>Pumping Level</th> <th>Hours Pumped</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	Discharge G.P.M.	Pumping Level	Hours Pumped																																																																			
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3. PROPOSED USE ☒ Domestic ☐ Irrigation ☐ Test ☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection ☐ Other _____ (specify type) _____	9. LITHOLOGIC LOG <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Hole Diam.</th> <th colspan="2">Depth</th> <th rowspan="2">Material</th> <th colspan="2">Water</th> </tr> <tr> <th>From</th> <th>To</th> <th>Yes</th> <th>No</th> </tr> </thead> <tbody> <tr> <td>8</td> <td>0</td> <td>3</td> <td>TOP SOIL</td> <td></td> <td></td> </tr> <tr> <td>6</td> <td>3</td> <td>28</td> <td>GRAY LAVA</td> <td></td> <td></td> </tr> <tr> <td>6</td> <td>28</td> <td>44</td> <td>RED LAVA</td> <td></td> <td></td> </tr> <tr> <td>6</td> <td>44</td> <td>52</td> <td>GRAY LAVA</td> <td></td> <td></td> </tr> <tr> <td>6</td> <td>52</td> <td>64</td> <td>RED CLAY</td> <td></td> <td></td> </tr> <tr> <td>6</td> <td>64</td> <td>121</td> <td>GRAY LAVA</td> <td></td> <td></td> </tr> <tr> <td>6</td> <td>121</td> <td>124</td> <td>RED LAVA</td> <td></td> <td></td> </tr> <tr> <td>6</td> <td>124</td> <td>135</td> <td>GRAY LAVA</td> <td></td> <td></td> </tr> <tr> <td>6</td> <td>135</td> <td>151</td> <td>RED LAVA-25</td> <td></td> <td></td> </tr> <tr> <td>6</td> <td>151</td> <td>160</td> <td>BLACK SANDS</td> <td></td> <td></td> </tr> </tbody> </table>	Hole Diam.	Depth		Material	Water		From	To	Yes	No	8	0	3	TOP SOIL			6	3	28	GRAY LAVA			6	28	44	RED LAVA			6	44	52	GRAY LAVA			6	52	64	RED CLAY			6	64	121	GRAY LAVA			6	121	124	RED LAVA			6	124	135	GRAY LAVA			6	135	151	RED LAVA-25			6	151	160	BLACK SANDS		
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4. METHOD DRILLED ☐ Rotary ☐ Air ☐ Hydraulic ☐ Reverse rotary ☒ Cable ☐ Dug ☐ Other _____	10. Work started <u>6/26/81</u> finished <u>6/30/81</u>																																																																						
5. WELL CONSTRUCTION Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____ <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Thickness</th> <th>Diameter</th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td>250 inches</td> <td>6 inches</td> <td>0 feet</td> <td>20 feet</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table> Was casing drive shoe used? ☐ Yes ☒ No Was a packer or seal used? ☐ Yes ☒ No Perforated? ☐ Yes ☒ No How perforated? ☐ Fan-ry ☐ Knife ☐ Torch Size of perforation _____ inches by _____ inches <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Number</th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table> Well screen installed? ☐ Yes ☒ No Manufacturer's name _____ Type _____ Model No. _____ Diameter _____ Slot size _____ Set from _____ feet to _____ feet Diameter _____ Slot size _____ Set from _____ feet to _____ feet Gravel packed? ☐ Yes ☒ No Size of gravel _____ Placed from _____ feet to _____ feet Surface seal depth <u>20</u> Material used in seal: ☒ Cement grout ☐ Puddling clay ☐ Well cuttings Sealing procedure used: ☐ Slurry pit ☐ Temp. surface casing ☒ Overbore to seal depth Method of joining casing: ☐ Threaded ☒ Welded ☐ Solvent Weld ☐ Cemented between strata Describe access port _____	Thickness	Diameter	From	To	250 inches	6 inches	0 feet	20 feet													Number	From	To										11. DRILLERS CERTIFICATION I/We certify that all minimum well construction standards were complied with at the time the rig was removed. Firm Name <u>DJ G DRILLING</u> Address <u>Wendell, OR 97146</u> Signed by (Firm Official) _____ and _____ Operator <u>Steve Jones</u>																																						
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6. LOCATION OF WELL Sketch map location must agree with written location.  Subdivision Name _____ Lot No. _____ Block No. _____ County <u>SEASIDE</u> Sec. <u>20</u> T. <u>7</u> S. R. <u>EX</u>	USE ADDITIONAL SHEETS IF NECESSARY -- FORWARD THE WHITE COPY TO _____																																																																						

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CLAIM A36-04217 INIT AD
A36-08199
T. R. S. Q/Q
P/D 75 14E 23
PHOTO AA70
DT.&ID. 4/2/62

P/L A36-04217

5 1993