

CHANGE IN ADDRESS OF NOTICE OF CLAIM

[] Water Right Number (s): A36-04175

A36-10118

[] Old Mailing Address: Paul R Lesneski & B Berdell Lesneski

Rt. 2 Box 297

3403 S 1900 E
Wendell, ID 83355

[] New Mailing Address:

delete Rt. 2 Box 297

(3403 S 1900 E) is correct

New Telephone Number: ()

[] Signature of Claimant:

B. Berdell Lesneski

Date: 5-4-93

FOR IDWR USE ONLY:

Initial Review and Data-Entry

Date: 5/4/93 By: SG

Further Action Needed:

Further Action Taken

Date: By:

Final Review and Data-Entry

Date: By:

RECEIVED

MAY 04 1993

Department of Water Resources
Southern Region Office

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FEB 01 1993

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: A36-04175
Date Received: 6/28/1988
Receipt No: S000574
Received By: LW

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: PAUL R. LESNESKI 208-536-6561
Address: RT. 2, BOX 297
3403S 1900E
WENDELL, ID 83355

AND/OR

Name: B. BERDELL LESNESKI 208-536-6561
Address: RT. 2, BOX 297
3403S 1900E
WENDELL, ID 83355

2. Date of Priority: MAR 15, 1960

3. Source: GROUNDWATER Trib. to:

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4	Lot	County
08S	15E	29	NE	NE			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.
IRRIGATION	03/15	11/15	0.760		

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

8. Total consumptive use is Acre Feet Per Annum.

9. Non-irrigation uses:

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10. Place of Use:

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
08S	15E	29	NE	NE		IRR	38.0
Section Acres							38.0
Total Acres							38.0

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:

14. Remarks:

15. Basis of Claim: STATUTORY CLAIM
Water Right Number:

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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): Paul R. Lesinski Date: 6-28-88

Date: _____

State of Idaho)
County of T.F.) SS.

Subscribed and sworn (or affirmed) before me this 28 day
of June 19 88 Lou White
Notary Public

Seal

Residing at T.F.
My Commission Expires 5/95



State of Idaho

DEPARTMENT OF WATER RESOURCES

Southern Region, 222 Shoshone St. East, Twin Falls, Idaho 83301 (208) 734-3578

CECIL D. ANDRUS
Governor

R. KEITH HIGGINSON
Director

October 3, 1990

A36-04175
PAUL R. LESNESKI
RT. 2 BOX 297
34022 1900E
WENDELL

ID 83355

Dear Claimant(s):

In the past you submitted the claim(s) identified with the number(s) shown above your name and address at the top of this letter. You indicated on the claim(s) that the basis for establishing the water right(s) was Beneficial Use, meaning the water right was not previously confirmed by a decree, water right license or permit before you filed the claim(s).

The purpose of this letter is to request evidence supporting the priority date(s) you have claimed. The enclosed pamphlet describes what this means. While I encourage you to read all of the pamphlet, I direct your attention to the right-hand half of the pamphlet after you open it. There you will find two sections: What Kind of Evidence is Required, and Some Examples of Documents which May Be Evidence of the Priority Date. These sections tell you what must be submitted. The other sections tell you why the evidence is necessary and what the consequences of not submitting the evidence could be.

Please submit the requested evidence by November 1, 1990. When returning to the Department please reference all documents with the claim(s) identification number(s) listed above.

If you have questions not addressed by the pamphlet or need other technical assistance, please feel free to contact this office. For advice on your water right(s), please contact your attorney.

Sincerely,

Allen Merritt, P.E.
Water Rights Supervisor

Enclosure

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FEB 01 1993

To Allen
Date 11/5 Time 11:10 A.M.
P.M.

WHILE YOU WERE OUT

Paul Lesneski
of _____
Phone 536-6561
AREA CODE NUMBER EXTENSION

Telephoned	☒	Please call	☐
Called to see you	☐	Will call again	☐
Wants to see you	☐	Returned your call	☐

Message A36-04175 - neighbor that could
verify the priority date - died - 11/1/90
One other neighbor that possibly verify
he is on the road traveling. Mr. Lesneski
will get back as soon as possible.

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Signed 

Nov 7th 1990

To Idaho Dept of Water Resources
Twin Falls Idaho.
83303

To Whom it may Concern

To the best of my knowledge the well drilled
on the Oliver Sundry farm was drilled in
about 1961 - I had the farm right across
the fence from it and as near as I can remember
that is when it was drilled.

Robert Burks

From

PAUL R. LESNICKI

A-36-04175

HOPE THIS DOES IT

RECEIVED

THANK YOU
NOV 8 1990

Department of Water Resources
Southern Region Office

STATE OF IDAHO, COUNTY OF

On this 8 day of Nov, 1990
before me, a notary public in and for said State, per-
sonally appeared Robert Burks

known to me to be the person whose name is
subscribed to the within instrument, and acknowledged
to me that he executed the same

Notary Public

Residing at Wendell, Idaho

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CLAIM NUMBERS 36-4175DATE 10-16-97

TRANSFER NUMBER _____

OBJECTION FILED _____

AGENT KKCTOTAL ACRES FROM RECOMMENDATION 38GEOGRAPHIC INFO SYSTEM 38

RIGHT NO				NE				NW				SW				SE			
	TNS	RNG	SEC	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE
RECOM	8S	15E	29	38															
GIS				37.9															
RECOM																			
GIS																			
RECOM																			
GIS																			
RECOM																			
GIS																			
RECOM																			
GIS																			

UPDATED

POLYGON #

UPDATED

B36-DBPOU.DBF 10/16POLYGON CREATED ON 604 (X) 9-29ATTRIBUTES OF B36-POU.SHP (580) 10-16-97B36-DBPOD.DBF 10/16ATTRIBUTES OF B36-POD.SHP (582) 11

P/U CONFLICT yes () no (X)

P/D CONFLICT yes () no (X)

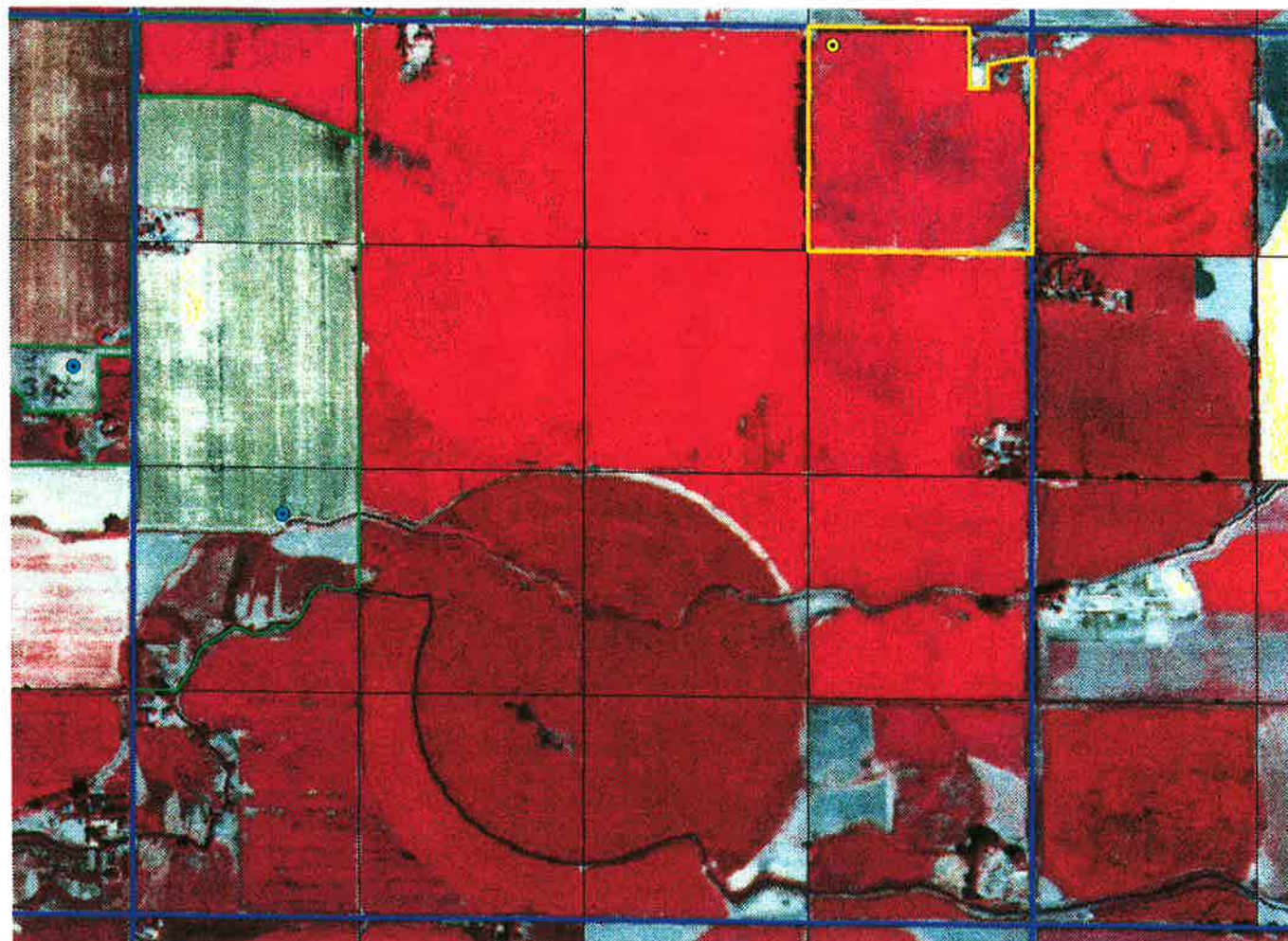
READY FOR DECREE yes (X) no ()

SENT FOR DECREE yes () no ()

IDAHO DEPARTMENT OF WATER RESOURCES

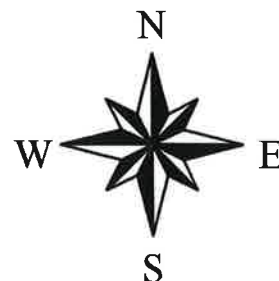
36-04175

PAUL & BERDELL LESNESKI



660 0 660 1320 1980 2640 Feet

TNS 8S, RNG 15E,
SEC 29, NE1/4NE1/4



⊙ Recommended Point of Diversion

□ Recommended Place of use

— Section lines

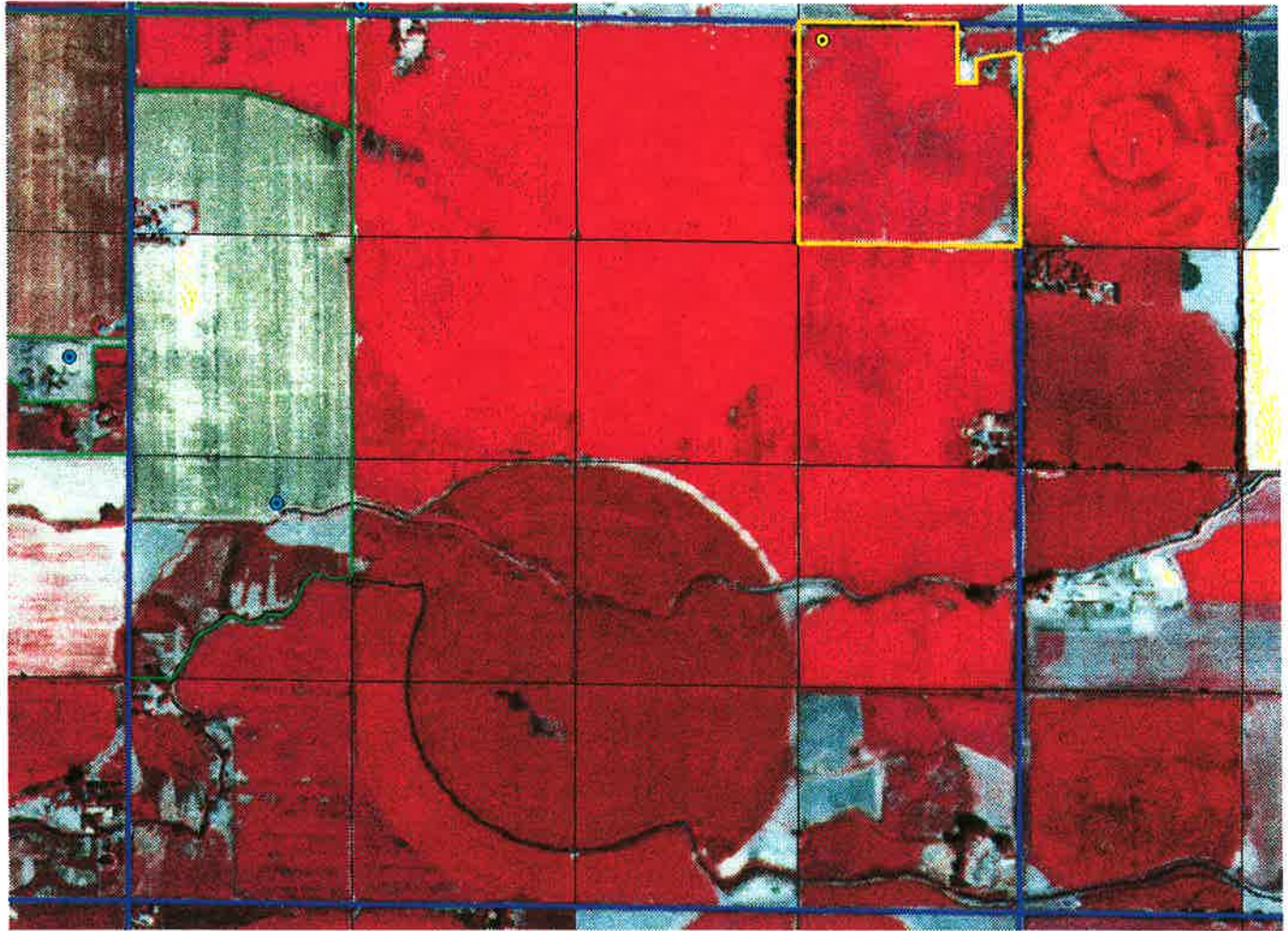
□ Quarter/Quarter Lines

GIS PLACE OF USE PRESENTATION
1987 and/or 1988 NAPP PHOTOGRAPHY
DATA ENTRY OCTOBER 16, 1997
BY KELLY K CHRISTENSEN

IDAHO DEPARTMENT OF WATER RESOURCES

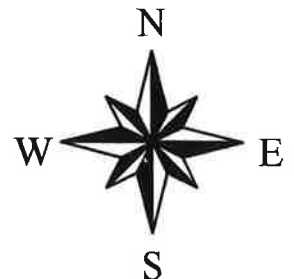
36-04175

PAUL & BERDELL LESNESKI



660 0 660 1320 1980 2640 Feet

TNS 8S, RNG 15E,
SEC 29, NE1/4NE1/4



⊙ Recommended Point of Diversion

☐ Recommended Place of use

— Section lines

□ Quarter/Quarter Lines

GIS PLACE OF USE PRESENTATION
1987 and/or 1988 NAPP PHOTOGRAPHY
DATA ENTRY OCTOBER 16, 1997
BY KELLY K CHRISTENSEN

"DO NOT FILM"

R PROOF



CVR



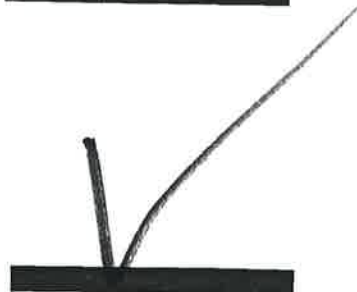
MAPS



PHOTOS



MISC



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Water Right Number - R36-04175

Prefix Translation: RESEARCH

VERIFIED BY
Old (D) Number

Sw

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

*** C - CURRENT OWNER ***
LESNESKI

PAUL R

1 - RT 2 BOX 297
2 - 3403 S 1900 E
3 -City- WENDELL
Phone - 208-536-6561

State- ID Zip- 83355

LESNESKI

B BERDELL

1 - RT 2 BOX 297
2 - 3403 S 1900 E
3 -City- WENDELL
Phone - 208-536-6561

State- ID Zip- 83355

+ - - Priority Date - - + + - - Region - - - + + - - Stage - - - + + - - Status - - - - +
03/15/1961 17 SOUTHERN J - BENEFICIAL USE+ - - - - Source - - - - - + + - - - - Tributary - - - - - +
GROUNDWATER

+ - - - - Point of Diversion - - - - - +

TwN Rng Sec Tract Lot RFlg County
08S 15E 29 NW NE NE (47) GOODING+ - - - - Water Use - - - - - +
Code Description Period From Period To Diversion Rate Diversion Volume
01 - IRRIGATION 03/15 11/15 0.710 152.00+ - Total Div. Rate - + + - Total Div. Volume - + + - Total Consumptive Use - + + - KW Usage - +
0.710 152.00 114.0+ - - - - Place of Use - - - - - +
TwN Rng Sec Tract Lot Acres Code Description County
08S 15E 29 NE NE 38.0 01 IRRIGATION (47) GOODING

Total Acres: 38.0

+ - - Diversion Means - WELL, PUMP

+ - - Non-Irrigation Use -

+ - - Other Rights for Same Use - NONE

+ - - - - Remarks - - - - - +
No Remarks found.MICROFILMED
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Water right number - R36-04175

Prefix Translation: RESEARCH

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

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

No Old Water Right Numbers Found

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

S17 - USE OF WATER UNDER THIS RIGHT IS COMBINED WITH WATER FROM
- NORTH SIDE CANAL CO. LTD.

+ - - - - Decree Plaintiff - - - + + - - - - Decree Defendant - - - + + - Decree Date - +

00/00/0000

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

No Comments Found

+ - - Audit Fields - - +

10/03/91 CLELLAND

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

Court Report Filing	- 00/00/0000	Field Inspection Made	- 09/14/1990	Civil Case Number	- 39576
Objection Filed Date	- 00/00/0000	Field Inspection Flag	-	Old Case Number	-
Response Filed Date	- 00/00/0000	Verified Date	- 10/03/1991	Old Judicial District	-
Claim Received Date	- 06/28/1988	Last Amended Date	- 00/00/0000	Temporary Right	- P
		Receipt Number	- S000574	Water District	-
		POU Ownership Flag	- Y	Federal/State Indicator	- S
		Name Connector	- AND/OR	Presumption Flag	-
				Notice of Error Flag	-

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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM VERIFICATION REPORT

00:18:56
08/30/90

PAGE: 12
QUICKLOOK INFORMATION

CLAIM NUMBER: A36-04175

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			9-14-90	(Y)	6.	SCW 10-3-91	SCW 10-3-91	
POINT OF DIV	Y			Y	6			
SOURCE				N				
PLACE OF USE	Y			N	1, 4, 5			
DIV. AMOUNT CFS/VOLUME				(Y)	6.			
CONSUMPTIVE USE				N				
PURPOSES				N				
PERIOD OF USE				N				
BASIS OF CLAIM				N				
REMARKS				N				

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"VERIFIED BY" CODES

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

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

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM VERIFICATION REPORT

00:18:56
08/30/90

PAGE: 1
GENERAL INFORMATION

CLAIM NUMBER: A36-04175

LAST: LESNESKI
ADDRESS: RT. 2 BOX 297
34038 1900E
CITY: WENDELL
PHONE NUMBER: 208-536-6561

FIRST: PAUL R.

STATE: ID ZIP: 83355

OWNER CODE: C

LAST: LESNESKI
ADDRESS: RT. 2 BOX 297
34038 1900E
CITY: WENDELL
PHONE NUMBER: 208-536-6561

FIRST: B. BERDELL

STATE: ID ZIP: 83355

OWNER CODE: C

FIELD EXAM REQUIRED?

VERIFICATION REQUIRED DUE TO REMARKS?

NO REMARKS IN CLAIM

DATABASE
N

FIELD
EXAMINER

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A. AJ CLAIM: # A36-04175 PRIORITY DATE: 03-15-1960 STAGE: S

B. WR RECORD: # 36-04175 PRIORITY DATE: 03-15-1960 STAGE: S

C. FIELD EXAM REQUIRED?

DUE TO PRIORITY DATE DISCREPANCY? (Y/N)

DATABASE
N

FIELD
EXAMINER

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

REMARKS:

affidavit attests 1961 date.

RECOMMENDED PRIORITY DATE:

~~03-15-1960~~

3-15-1961

REVIEWED BY

Sc

DATE

10-3-91

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A. AJ CLAIM POINT OF DIVERSION AND SOURCE:

RIGHT	TWP.	RGE.	SEC.	1/4	1/4	1/4	LOT	CNTY
A36-04175	08S	15E	29	<i>NW</i>	NE	NE		GOODING

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

WR RECORDS IN SAME 40 ACRE TRACT
NONE

SOURCE: GROUNDWATER

TRIB:

B. WR POINT OF DIVERSION AND SOURCE:

RIGHT	TWP.	RGE.	SEC.	1/4	1/4	1/4	LOT	CNTY
36-04175	08S	15E	29		NE	NE		GOODING

OTHER WR RECORDS WITH SAME WR POD
NONE

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

SOURCE: GROUNDWATER

TRIB:

C. FIELD EXAM REQUIRED?

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

DATABASE
Y
N

FIELD
EXAMINER
N

REMARKS:

verified with field exam

RECOMMENDED POINT(S) OF DIVERSION AND SOURCE:

TWP.	RGE.	SEC.	1/4	1/4	1/4	LOT	COUNTY
<u>8e</u>	<u>15e</u>	<u>29</u>	<u>NW</u>	<u>Ne</u>	<u>Ne</u>	<u>---</u>	<u>47</u>

SOURCE: GROUNDWATER

TRIB:

REVIEWED BY:

lw

DATE:

9/14/90

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A. ROOT WATER RIGHT NUMBERS: A36-04175

B. POU LISTING

TWP	RNG	SEC	1/4	1/4	LOT	NAME	AJ #/ACRES	WR #/ACRES	LANDSAT DATA	FIELD EXAM.	RECOMM. ACRES
08S	15E	29	NE	NE		LESNESKI, PAUL R.	A36-04175 738.0	36-04175 738.0	41.0	38	38
						LESNESKI, PAUL R.	A36-10118 /	- /			
						LARGE CLAIM	A01-00212Z1/40.0	- /			
TOTAL ACRES							A36-04175	38.00	38.00	41.00	38

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

C. FIELD EXAM REQUIRED?

DUE TO POU DISCREPANCY? (Y/N)

DATABASE
Y

FIELD
EXAMINER
N

PRESUMPTION FLAG:

REMARKS:

RECOMMENDATIONS:

TOTAL ACRES: 38

REVIEWED BY: LW

DATE: 9/14/90

A. AJ CLAIMED USES:

	PURPOSES	MONTH/DAY	DIVERSION QUANTITY
A36-04175	IRRIGATION	FROM 03-15 TO 11-15	.760 CFS
TOTAL DIVERSION RATE/VOLUME CLAIMED			.760 CFS

B. WR RECORDED USES:

	PURPOSES	MONTH/DAY	DIVERSION QUANTITY
36-04175	IRRIGATION	FROM 03-15 TO 11-15	.760 CFS
TOTAL DIVERSION RATE/VOLUME CLAIMED			.760 CFS

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PRESUMPTION FLAG:

C. FIELD EXAM REQUIRED?

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

D. PERIOD OF USE:

RECOMMEND AS CLAIMED?

Y(☒) N(☐)

RECOMMEND TO WR STANDARDS OR OTHER?

Y(☐) N(☐) Explain in remarks, below.

REMARKS:

A. DOES DIVERSION RATE CLAIMED AGREE WITH EXISTING RECORDS? Y(☒) N(☐)

AJ TOTAL CLAIMED DIVERSION RATE: 0.760 CFS
WR ROOT RIGHT TOTAL DIVERSION RATE: 0.760 CFS

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

FLOW MEASUREMENT REQUIRED?

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

FIELD
DATABASE EXAMINER
Y N

B. MEASUREMENT METHOD theoretical calc. FLOW MEASUREMENT

, SEE ATTACHED CALCULATIONS.

= 0.71 cfs

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

OTHER RIGHTS LISTED IN CLAIM: NONE cu

517

LIST ALL RIGHTS WITH A SAME POU AND IRRIGATION USAGE:

CLAIM	SOURCE	NAME	DIV. RATE	DIV. RATE/ACRE	DIV. VOL.	DIV. VOL./ACRE
A36-04175	GROUNDWATER	LESNESKI, PAUL R.	0.760	0.020		
A01-00212Z1	LARGE CLAIM	LARGE CLAIM	9999999.000	415.354		

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

CLAIM NO.	PURPOSES	NAME	MONTH/DAY	RATE	VOLUME
A36-10118	DOMESTIC	LESNESKI, PAUL R.	FROM 01-01 TO 12-31	.040 CFS	

D.

RATE/VOLUME CALCULATIONS: (IRRIGATION)

1a. IRRIGATION RATE

ACRES 38 x 0.02 CFS/ACRE = .76 CFS
(Taken from p/u review)

1b. CALCULATIONS

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

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

2. IRRIGATION CONSUMPTIVE USE

CLAIMED CONSUMPTIVE USE = 114.0 AE/A

ACRES 38 x CONSUMPTIVE VOL. AE/A FOR AREA 3 =

TOTAL CONSUMPTIVE USE 114 AE/A

3. IRRIGATION DIVERSION VOLUME

CLAIMED DIVERSION VOLUME = AE/A

ACRES 38 x DIVERSION VOL. AE/A FOR AREA 4 =

TOTAL DIVERSION VOLUME 152 AE/A

4. CALCULATIONS FOR USES OTHER THAN IRRIGATION:

SEE ATTACHED SHEET? Y() N(☒)

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

limited to 1" per acre when cw also used

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RECOMMENDATIONS:

REC. PURPOSES	REC. PERIOD FROM TO	REC. DIV RATE CFS	REC. DIV VOL. AF/A	REC. CONS. USE
IRRIGATION	03-15 11-15	DATABASE EXAMINER ~~0.760~~ 0.71	DATABASE EXAMINER ~~152~~	DATABASE EXAMINER 114.0
TOTAL FOR THIS RIGHT				114.0

REVIEWED BY:

lw

DATE:

9/14/90

517

A. CHECK ONLY THE FOLLOWING THAT APPLY:

OWNERSHIP _____
FORFEIT/ABANDON _____
ADDITIONAL DIV. AMOUNT _____

ACCEPTED AS CLAIMED	NEEDS REVIEW
(☒)	()
(<u>N/A</u>)	()

B. SPLIT WATER RIGHT REVIEW

ROOT WATER RIGHT NUMBER: 36-04175

TOTAL DIVERSION RATE OF WR SPLITS

DATABASE
0.760

EXAMINER
N/A

CFS

SPLITS:

OLD RIGHT
NUMBERS

CURRENT
CLAIM NUMBERS

DIVERSION
RATE

CURRENT "R"
CLAIM NUM.

"R" DIV.
RATE

WR RIGHT
NUMBERS

DIVERSION
RATE

-

A36-04175

0.760

-

36-04175

0.760

TOTAL CFS

0.760

0.760

DIVERSION RATE REVIEW

DATABASE
Y

FIELD
EXAMINER

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)

N/A

REMARKS:

AUTHENTICATION:

SIGNATURE: lw

NAME OF FIELD EXAMINER: lw

10 - 3 - 91

DATE: 9/14/90

TITLE: _____

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CLAIM NUMBER: A36-04175

CONTACT PERSON:

DATE OF FIELD EXAM: 9/14/90

APPOINTMENT MADE:

Y() N()

PHONE NUMBER: _____)

TIME: 1:00 A() P(/)

PHONE NUMBER ()

ACCOMPANIED BY:

RELATIONSHIP TO CLAIMANT:

DIRECTIONS TO PROPERTY / REMARKS:

Unit 609

CLAIM A36-4115 INIT SCL
T. R. S. Q/Q
P/D 88 ISE 29 NWNENE
PHOTO
DT.&ID. BB21 1976

POD

T
8
S

THOUSAND SPRINGS

S

T 8 S
T 9 S

S

POOR ORIGINAL

MICROFILMED
FEB 01 1993

GOODING CO
TWIN FALLS CO

Well
3356

NIAGARA

GROUNDWATER MEASUREMENT REQUIREMENT ANALYSIS

FILE: A36-04175
 DATE: 9/14/90
 BY: lw

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])

$$Q = \frac{(8.8) \times (30) \times (0.70)}{[(74') + (80 \times 2.31)]} = \frac{184.8}{258.8} = .71$$

LIFT FROM:	PSI FROM:	NOTES ON PUMP:
measurement ()	measurement ()	Motor Make, Serial or ID
owner (✓)	owner (✓)	<u>30HP</u>
area estimate ()	estimate ()	Pump Make, Serial or ID, rating
well logs (✓)	owner gage ()	<u>#400 R8</u>
	Booster (Y) (N)	

REMARKS Capped well with submersible pump installed by D+G Drilling. Dale Gilbert provided model # + lift info.

ANNUAL VOLUME ANALYSIS

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

(season)	(days)	
3/15 - 11/15	246	POTENTIAL = $\frac{(.246) \times (1.98) \times (.71)}{(.38)} = 9.1$
4/1 - 11/1	215	
4/15 - 10/15	184	
3/1 - 12/1	276	

REQUIRED Acre Feet/Acre/Annum = 4
 (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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 FEB 01 1993