

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: A43-10517
Date Received: 6/19/1989
Receipt No: S008294
Received By: See

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: WAYNE R. RICH 801-752-8887
Address: 1636 E. 1030 N.
LOGAN, UT 84321

2. Date of Priority: APR 01, 1962

3. Source: GROUNDWATER Trib. to:

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4	Lot	County
15S	27E	18	SW	SW	NE		CASSIA

5. Description of diverting works:
WELL AND 100 HP PUMP

6. Water is used for the following purposes:

Purpose	From	To	C.F.S.	(or)	A.F.A.
IRRIGATION	03/15	11/15	0.940		

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

8. Total consumptive use is 141.0 Acre Feet Per Annum.

9. Non-irrigation uses:

10. Place of Use:

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
15S	27E	18	NE	NE		IRR	16.0
			SW	NE		IRR	5.0
			SE	NE		IRR	26.0
Section Acres							47.0

10. Place of Use: Continued

Total Acres 47.0

11. Place of use in counties: CASSIA

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

13. Other Water Rights Used:

A43-02285, A43-10526, A43-02386, A43-00082A, A43-02554B

14. Remarks:

WATER WAS SPREAD TO THE ABOVE LANDS BY LEVELING LAND AND
IRRIGATING TOTAL OF 151.4 ACRES IN NE¼, BALANCE OF LAND
IRRIGATED UNDER LICENSES 43-02554 & 43-02285 & RAFT RIVER RTS.

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 _____ 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): _____ Date: _____
_____ Date: _____

State of Idaho)
County of _____) SS.

Subscribed and sworn (or affirmed) before me this _____ day
of _____ 19 _____

Notary Public

Seal

Residing at _____

My Commission Expires _____

IN THE DISTRICT COURT OF THE FIFTH JUDICIAL DISTRICT OF THE
STATE OF IDAHO, IN AND FOR THE COUNTY OF TWIN FALLSIN RE THE GENERAL ADJUDICATION
OF RIGHTS TO THE USE OF WATER FROM
THE SNAKE RIVER BASIN WATER SYSTEM

CIVIL CASE NUMBER: 39356

Ident. Number A43-10517

Date Received _____

Receipt Number 5008294 *sc*

RECEIVED

JUN 09 1989

Department of Water Resources
Southern Region OfficeNOTICE OF CLAIM
TO A
WATER RIGHT
ACQUIRED UNDER STATE LAW

Please type or print clearly

1. Name of Claimant (s) Wayne R. Rich Phone (801) 752-8887Mailing Address 1636 East, 1030 North, Logan, Utah Zip 843212. Date of Priority (Only one (1) per claim) April 1, 19623. Source of water supply (a) Groundwater
which is tributary to (b) _____4. a. Location of existing point of diversion is: Township 15S Range 27E Section 18,
SW 1/4 of SW 1/4 of NE 1/4, Govt. Lot, _____ B.M., County of Cassia

Additional points of diversion if any: _____

b. If instream flow, beginning point of claimed instream flow is:

Township _____ Range _____ Section _____, _____ 1/4 of _____ 1/4 of _____ 1/4,

Govt. Lot _____ B.M., County of _____

ending point is: Township _____ Range _____ Section _____, _____ 1/4 of _____ 1/4 of
_____ 1/4, Govt. Lot _____ B.M., County of _____5. Description of existing diversion works (Dams, Reservoirs, Ditches, Wells, Pumps, Pipelines, Headgates, Etc),
including the dates of any changes or enlargements in use, the dimensions of the diversion works as
constructed and as enlarged and the depth of each well. Deep well with 100 H.P. pump and motor,
mainlines and handlines.

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MAR 05 1993

6. Water is claimed for the following purposes:

(both dates are inclusive)

(cfs)

(acre feet)

For Irrigation purposes from 3/15 to 11/15 amount .94 or _____

For _____ purposes from _____ to _____ amount _____ or _____

For _____ purposes from _____ to _____ amount _____ or _____

For _____ purposes from _____ to _____ amount _____ or _____

7. Total quantity claimed (a) .94 (cfs) and/or (b) _____ (acre feet)

8. Total consumptive use claimed is 141 acre feet per annum.

9. Non-irrigation uses; describe fully (eg. Domestic: Give number of households served; Stockwater: Type and number of livestock Etc.) _____

10. Description of place of use:

a. If water is for irrigation, indicate acreage in each subdivision in the tabulation below.

b. If water is used for other purposes, place a symbol of use (example: D for Domestic) in the corresponding place of use below. See instructions for standard symbols.

TWP	RNG	SEC	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Totals
			NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	
15S	27E	18	16		5	26													47

Total number of acres irrigated 47

11. In which county (ies) are lands listed above as place of use located? Cassia

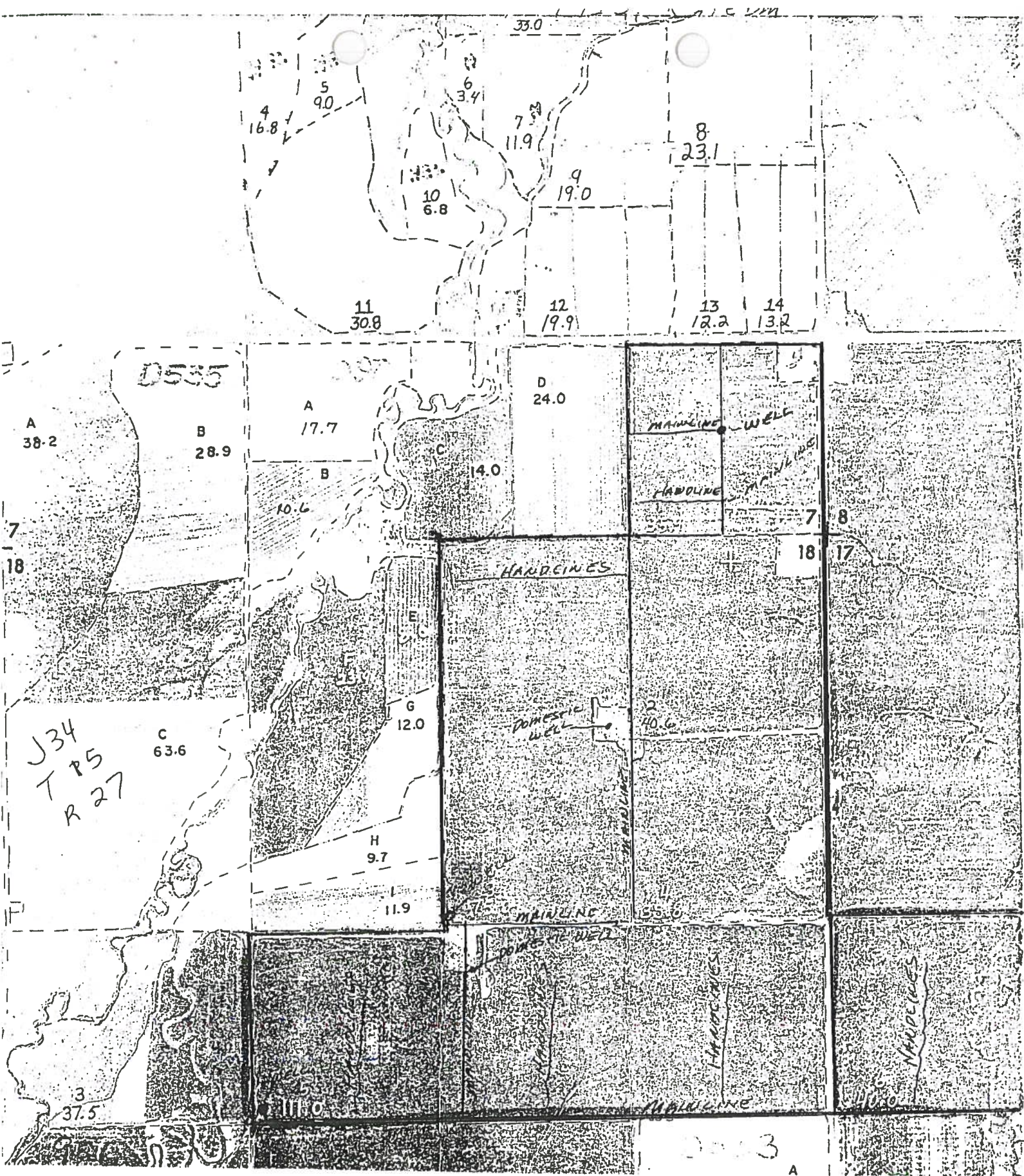
12. Do you own the property listed above as place of use? Yes X No _____
If your answer is No, describe in Remarks below the authority you have to claim this water right.

13. Describe any other water rights used at the same place and for the same purposes as described above.
Raft River rights 43-0083 and 43-0082 or None ()

14. Remarks: Water was spread to the above lands by leveling land and irrigating
total of 151.4 acres in NE 1/4, balance of land irrigated under Licenses
43-2554 and 43-2285 and Raft River rights.

Last Name Rich Ident No. _____

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Copies: White -State, Yellow-Claimant
MAR 05 1993



Last Name Rich

Ident. No. _____

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MAR 05 1993

15. Basis of Claim (check one) Beneficial Use X Posted Notice _____ License _____ Permit _____
Decree _____
If applicable provide IDWR Water Right Number _____
Court _____ Case Number _____ Decree Date _____
Plaintiff vs Defendant _____

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

Signature of Claimant (s) _____

Date June 8, 1989

Date _____

For Organizations: I do solemnly swear or affirm that I am _____ Title _____
of _____, that I have signed the foregoing
Organization
document in the space below as _____ of _____
Title Organization
and that the statements contained in the foregoing document are true and correct.

Signature of Authorized Agent _____

Title and Organization _____ Date _____

State of Idaho/or _____)
County of Minidoka) SS.

Subscribed and sworn (or affirmed) before me this 8th day of June 19 89

SEAL

Notary Public Roger D. Ling

Residing at Rupert, Idaho

My Commission Expires 10/30/94

Please Print Name

17. Notice of Appearance:

Notice is hereby given that I, Roger D. Ling will be acting as attorney at law on behalf of the claimant signing above, and that all notices required by law to be mailed by the director to the claimant signing above should be mailed to me at the address listed below.

Signature Roger D. Ling

Address P.O. Box 396, Rupert, Idaho 83350

Date June 8, 1989

Last Name Rich Ident. Number _____

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MAR 05 1993

Copies White-State, Yellow-Claimant

LING, NIELSEN & ROBINSON

ROGER D. LING
ROBERT M. NIELSEN
BRENT T. ROBINSON
DAVID W. HALEY
MARK A. INGRAM
RICK BOLLAR

ATTORNEYS AT LAW
615 "H" STREET
P. O. BOX 396
RUPERT, IDAHO 83350

AREA CODE 208
TELEPHONE 436-4717
FAX 436-6804

June 8, 1989

RECEIVED

JUN 09 1989

Department of Water Resources
Southern Region Office

Department of Water Resources
State of Idaho
2148 4th Avenue East
Twin Falls, Idaho 83301

RE: Claims to Water Rights - Wayne R. Rich

Dear Gentlemen:

I have enclosed herein two domestic/stockwater claims and six irrigation claims on behalf of Wayne R. Rich. Mr. Rich's personal check payable to the Department of Water Resources is also enclosed in the sum of \$919.00, representing filing fees for two domestic stockwater claims at \$25.00 each, six irrigation claims at \$50.00 each and 569 acres at \$1.00 per acre.

Very truly yours,


Roger D. Ling

nk
Enclosures

*ORIGINAL
MOVED to A43-00082A*

7/ 04-24-95

COPY

MICROFILME
JUN 15 1989



State of Idaho

DEPARTMENT OF WATER RESOURCES

Southern Region, 2148 4th Ave. East, Twin Falls, Idaho 83301 (208) 734-3578

CECIL D. ANDRUS
Governor

R. KEITH HIGGINSON
Director

.July 19, 1989

.WAYNE R RICH
.1636 E 1030 N
.LOGAN UT 84321

Re: A43-10526
A43-10517
A43-02386
A43-10516
A43-02554B
A43-10515
A43-00082A
A43-02285

Dear Claimant(s):

Please find enclosed your receipt and a copy of a computer generated claim based on the information from your original claim(s) which has been entered in our computer records.

Please review the computer generated claim for accuracy. In a few instances clarifications may have been added by the Department at the time of data entry. If you have any questions or objections regarding the computer record of your claim(s), please contact this office.

Yours truly,

A handwritten signature in cursive script, appearing to read 'Judy Givens'.

Judy Givens
Adjudication Secretary

/jg

Enclosures:

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MAR 05 1993

2- 7 - 92

A43- 10517

Wayne R. Rich called this day.
He is trying to obtain an affidavit from
a neighbor but the neighbor is on
vacation & won't be back till next
week. He plans on sending in
the info at that time.



04-24-95

& evidence

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MAR 05 1993



State of Idaho

DEPARTMENT OF WATER RESOURCES

Southern Region, 222 Shoshone St. East, Twin Falls, Idaho 83301 (208) 736-3033

CECIL D. ANDRUS
Governor

December 5, 1991

R. KEITH HIGGINSON
Director

A43-10517
WAYNE R. RICH
1636 E. 1030 N.

LOGAN

UT 84321

RE: Evidence of Priority

RESPONSE DEADLINE
FEBRUARY 3, 1992

Dear Claimant:

The Notice(s) of Claim identified with the number shown above your name on the mailing label has been filed in the Snake River Basin Adjudication (SRBA). The Notice(s) indicate your water usage is based on "Beneficial Use" or a "Statutory Claim". Water rights of this type are established by the historical use of water, dating back to when water was first used for the purpose claimed. **The date of first use, known as the priority date, has not been confirmed by a License, Decree or Permit.** The Department will soon conduct reviews &/or field exams for the claims in your area. Since the priority date of a beneficial use water right can not be confirmed by field examination, **proof must be provided supporting the priority date you have claimed.**

The Department will not recommend the Notice(s) be decreed by the court as claimed if no evidence of a priority date is submitted.

Please find enclosed a computer printout of your Notice(s) and the pamphlet entitled "Evidence of Priority". The pamphlet describes the types of evidence required and suggests which documents will fulfill this requirement. 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".

Please submit the required evidence supporting the priority date(s) by **February 3, 1992**, referencing all documents with the corresponding Notice number(s). If you have any questions not covered by this letter or the enclosed pamphlet, please contact this office.

Respectfully submitted,

Allen Merritt, P.E.
Water Rights Supervisor

Enclosures

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MAR 05 1993

02/23/2001

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

RIGHT NUMBER: 43-10517

NAME AND ADDRESS: WAYNE R RICH
1636 E 1030 N
LOGAN, UT 84321

SOURCE: GROUND WATER

QUANTITY: 0.94 CFS
188 AFY

WHEN COMBINED, THE RIGHTS LISTED BELOW SHALL PROVIDE NO
MORE THAN .02 CFS PER ACRE. 43-082A, 43-2285B, 43-2386A, 43-
2554B, 43-10517.

PRIORITY DATE: 04/01/1962

POINT OF DIVERSION: T15S R27E S18 SWSWNE Within CASSIA County

PURPOSE AND
PERIOD OF USE:

<u>PURPOSE OF USE</u>	<u>PERIOD OF USE</u>		<u>QUANTITY</u>
IRRIGATION	03-15	11-15	0.94 CFS 188.00 AFY

PLACE OF USE:

<u>IRRIGATION Within CASSIA County</u>					
T15S R27E S18	NENE	40	T15S R27E S18	NWNE	39
T15S R27E S18	SWNE	40	T15S R27E S18	SENE	37
T15S R27E S18	NESW	39	T15S R27E S18	NESE	40
T15S R27E S18	NWSE	38	T15S R27E S7	SESE	38

311 ACRES TOTAL

USE OF THIS RIGHT WITH THE RIGHTS LISTED BELOW IS LIMITED
TO THE IRRIGATION OF A COMBINED TOTAL OF 160 ACRES IN A SINGLE
IRRIGATION SEASON. COMBINED RIGHT NOS.: 43-082A, 43-2285B.

USE OF THE RIGHTS LISTED BELOW IS LIMITED TO THE IRRIGATION
OF A COMBINED TOTAL OF 292 ACRES IN A SINGLE IRRIGATION
SEASON. COMBINED RIGHT NOS.: 43-2258B, 43-2386A, 43-2554B,
43-10517.

USE OF THE RIGHTS LISTED BELOW IS LIMITED TO THE IRRIGATION
OF A COMBINED TOTAL OF 311 ACRES IN A SINGLE IRRIGATION
SEASON. COMBINED RIGHT NOS.: 43-082A, 43-2258B, 43-2386A,
43-2554B, 43-10517.

THIS RIGHT IS LIMITED TO THE IRRIGATION OF 47 ACRES WITHIN
THE PLACE OF USE DESCRIBED ABOVE IN A SINGLE IRRIGATION
SEASON.

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

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

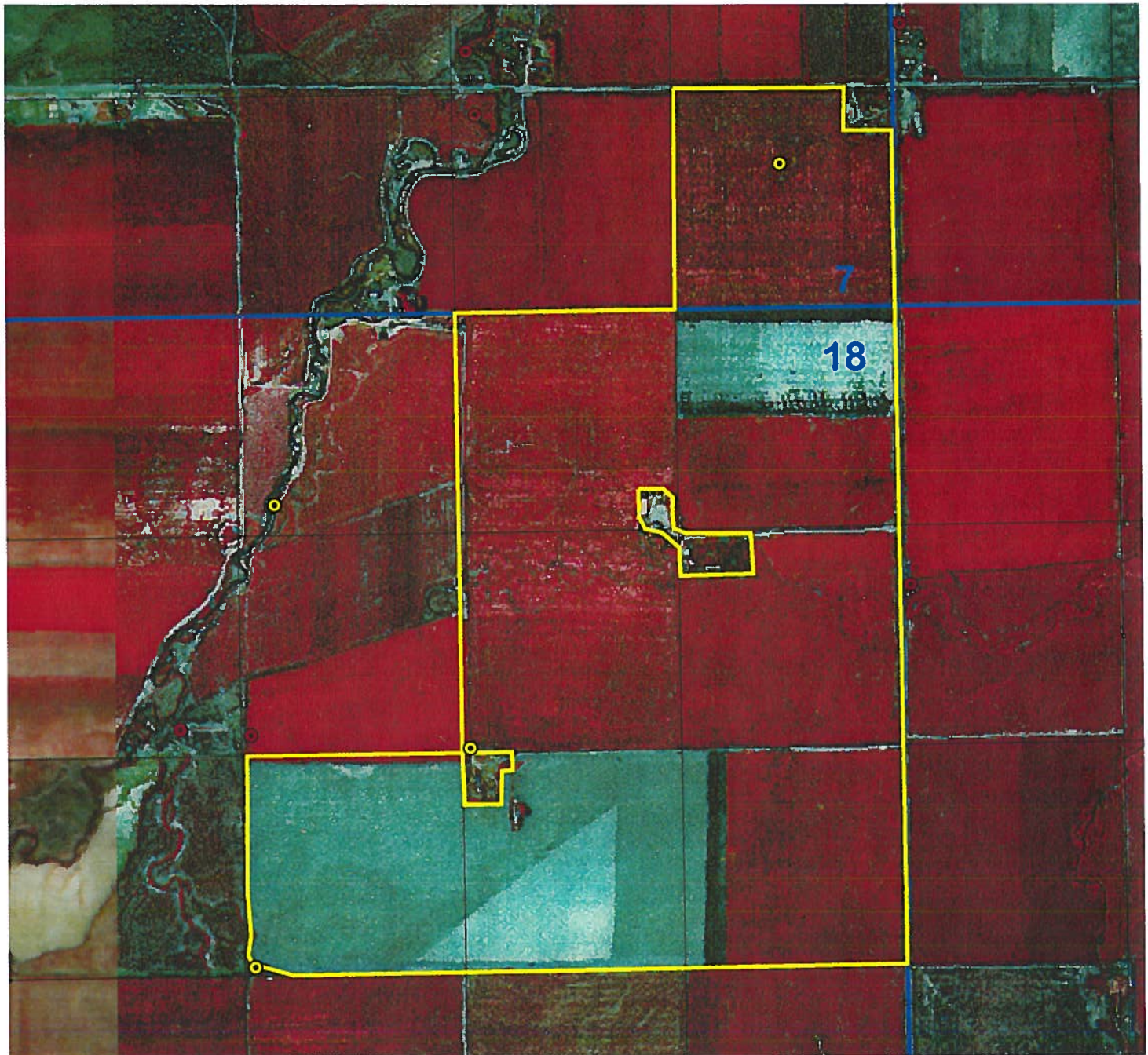
THAN THE ENTRY OF A FINAL UNIFIED DECREE. SECTION 42-1412(6),
IDAHO CODE.

EXPLANATORY MATERIAL: BASIS OF CLAIM - Beneficial Use

Idaho Department of Water Resources

RIGHTS: 43-082A, 43-2285B, 43-2386A,
43-2554B, 43-10517

RECOMMENDED PLACE OF USE
TWP 15S, RNG 27E,
Data entry on February 19, 2001



0 2640 5280 Feet

○ RECOMMENDED POINT OF DIVERSION

□ RECOMMENDED PLACE OF USE

□ SECTION LINES

□ QUARTER/QUARTER LINES



GIS PLACE OF USE PRESENTATION
1987/1988 NAPP AERIAL PHOTOGRAPHY
DATA ENTRY BY VIKIE HANCOCK

NOTE TO FILE

From: Vikie Hancock
7/18/01

Regarding: Ownership 43-00082A, 43-2285B, 43-2386A,
43-2554B, 43-10517, 43-10526

Contact: Brian Hansen / Wayne Rich

Brian Hansen has purchased the property with these appurtenant water rights with a contract of sale that has not been fulfilled or recorded at the court house as of this writing.

Please note that he would have an interest in any administrative or court proceeding that may affect the validity or value of these water rights.

Brian Hansen
26705 N One Mile Canyon Rd
Malta, Idaho 83342
435-827-5743

CLAIM NUMBER: A43-10517

OK
188 days
141-00 AFA

Tributary to:

Stage: BENEFICIAL USE

SUSANE

CASSIA County

NE

TOTAL ACRES

кф
рр

WATER WAS SPREAD TO THE ABOVE LANDS BY LEVELING LAND AND IRRIGATING TOTAL OF 151.4 ACRES IN NE₁ BALANCE OF LAND IRRIGATED UNDER LICENSES 43-02554 & 43-02285 & RAFT RIVER RTS

Dates:

Exam Made Date:

Verified Date:

Misc:

Water District Number:

Field Inspection Flag:

Presumption Flag: E

$\begin{matrix} \text{\textcolor{red}{E}} & \text{\textcolor{red}{14}} \\ \text{\textcolor{red}{E}} & \text{\textcolor{red}{28}} \\ \text{\textcolor{red}{E}} & \text{\textcolor{red}{28}} \end{matrix}$

RECOMMENDATION NOTES

From: Vikie Hancock

2/23/01

Regarding: 43-10517

This claim is for additional acres and diversion amount developed without licensing, just prior to the mandatory permit statutes and the initiation of the critical groundwater area.

Although the Rich's indicate no personal knowledge of irrigation on the property prior to their purchase in 1975, they did provide information about the claimed point of diversion to substantiate the well's having the capacity to provide for the licensed rights plus additional diversion under this beneficial use claim.

A review of 1962 and 1968 aerial photographs show quite extensive irrigation on the claimed tracts located in the NE ¼ Section 18. Although Raft River water is also appurtenant to these tracts, the priority date for their decreed rights is 1914. It would not seem likely that with that junior priority date from Raft River, the acres would have been developed to the extent shown without the use of ground water.

This diversion system includes three interconnected wells. Well in SWNESW Sec 18 was measured in 1956 during licensing field exam 43-2386. At that time it was diverting 3.0 cfs. Capacity of well in SWNWSE was verified by Scott King to be 3.49 as asserted by claimant in January 2000. No capacity information is in file for well in SESE Sec 7. It appears that capacity exists to irrigate the 292 acres claimed under the existing ground water rights.

Based upon the above analysis, I believe that a beneficial use right for ground water on 47 acres at 1 inch per acre with a priority date of 4-1-1962 is appropriate for this claim.

○ FILE NOTES ○

WAYNE RICH

43-10517

TWP 15S, RNG 27E
SEC 18



1962 AERIAL PHOTOGRAPHY

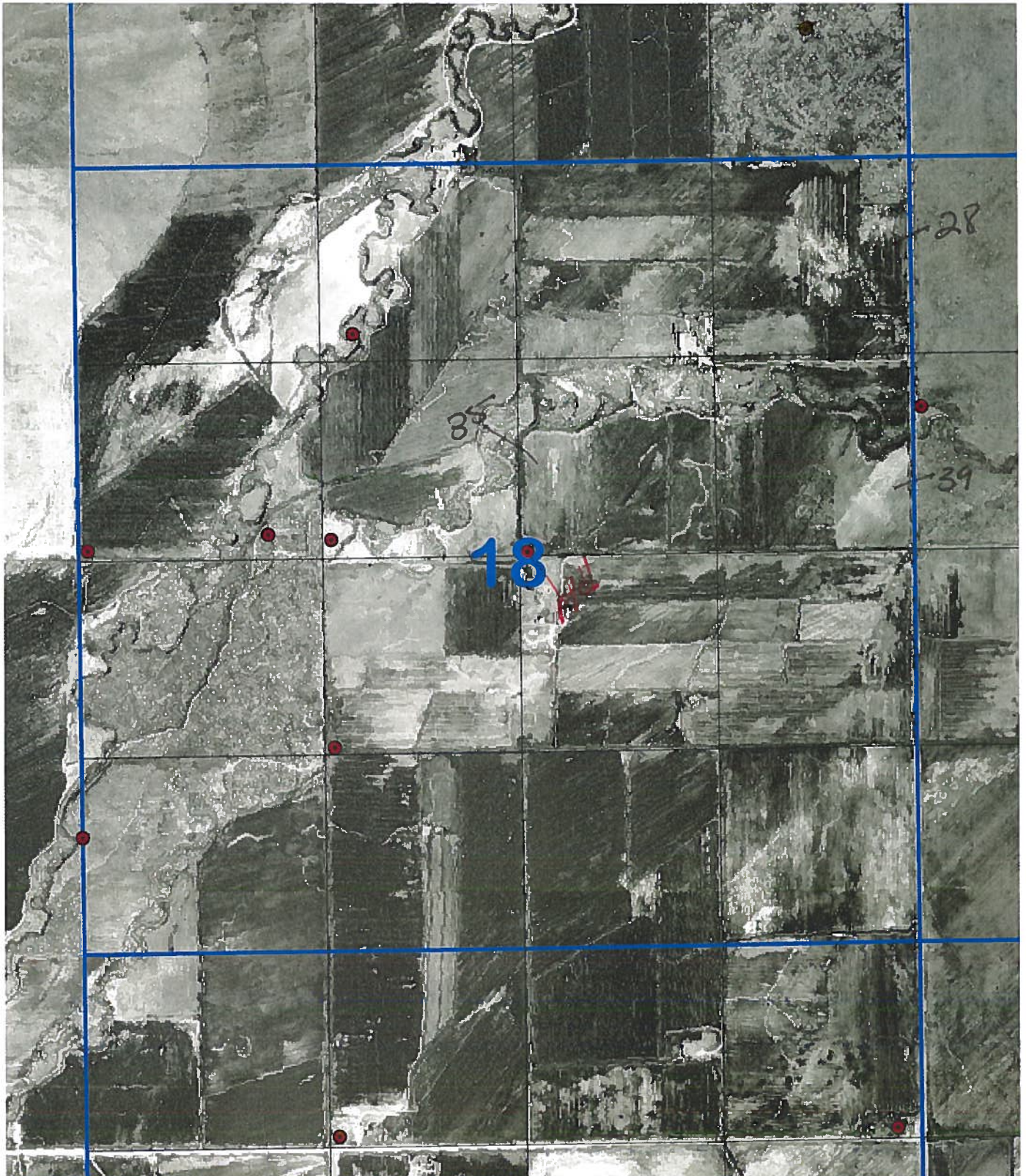
V HANCOCK

○ FILE NOTES ○

WAYNE RICH

43-10517

TWP 15S, RNG 27E
SEC 18



V HANCOCK

1968 AERIAL PHOTOGRAPHY

FILE NOTES

WAYNE RICH

43-10517

TWP 15S, RNG 27E
SEC 18



1987 AERIAL PHOTOGRAPHY

V HANCOCK

GU

Gis
Actually
Found
Irrigated

36-02554B ✓

34

34

Comb
Limits
824 } 160
2285 B }
10517 }

40 ✓
-02285B
40-00092A

40
2.02554B ✓

10 ✓
-02285B
41 -00082A-
~~13-10526 NO~~
16-10517

40 ac tract

810

68

30 ✓
-02285B
5-10517
35-00082A

10-022858
36-00082A
3-02386A
26-10517

80

74

3.4 } .94
1.80
1.66

~~000017~~
-10517
-025548
-022856

1439
LIC -
no calculation

37✓
-02386A

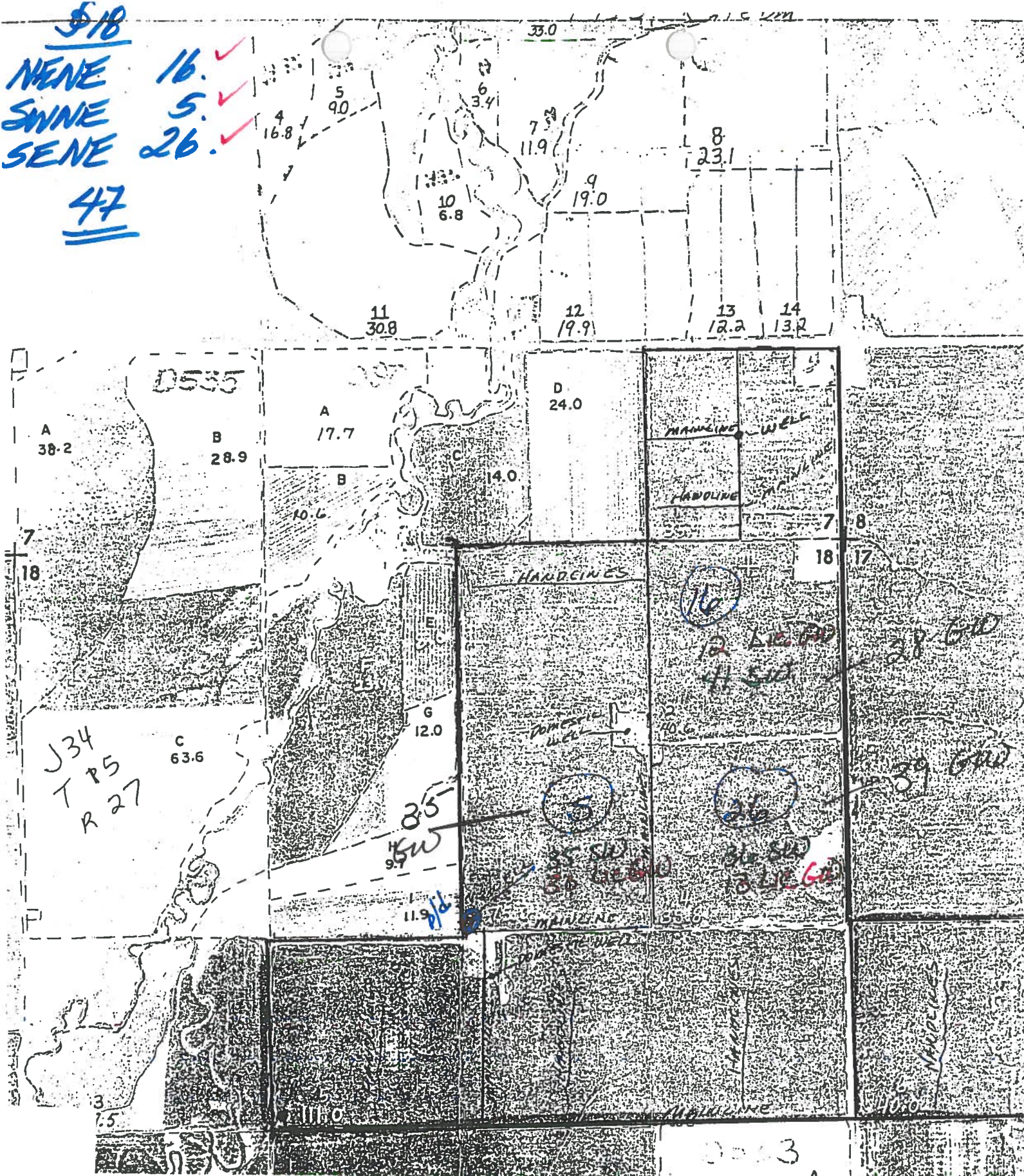
40-0238A

37✓
-02386A

~~3M 52386 114~~
Su--
to
ARIMA

311 ac
10 YAH

ORIGINAL IN 43-2285B



05 1993

No. A43-10517 MICR
Prod: 818 SWSWNE

Idaho Department of Water Resources
Estimated Pumping Rate Documentation Form

ed 1/6/2000

Flow Analysis Performed by: **Scott King**

Date: **2/1/2000**

Page 1 of 1

Record ID	161	Measured Flow:	3.49 cfs
Water Right No.	A43-10517	Designed Flow:	
Name	Rich, Wayne R	HP/Eff Flow:	2.89 cfs
pod	15S27E18SWSWNE	Sprinkler Flow:	4.21 cfs <--Max
year:	1975-1990	Pivot/System Flow:	
Flow Measurement:	1568 gpm =	3.49 cfs	Form doesn't state where this measurement from.
Curve/Pump Design:	gpm =		
Horsepower / Efficiency Method			
Horsepower	100 hp		
PWL	100 ft		per form
Disch Psi	65 psi		per form
PUMP Eff Estimate	0.82 %		
TDH	250 ft		
OHP	82 hp		
Flow	1298 gpm =	2.89 cfs	
System Method:			
No Lines	7	Nozzle Equation: $Q = C \cdot A \cdot \sqrt{2 \cdot g \cdot h} / \sqrt{1 - r^4}$	
Birds per line	32	C=	1.00 Nozzle coefficient, typical 0.97 to 1.00
Ttl no nozzles	224	r=	0.0078 ft Nozzle radius
Nozzle size	3/16 in	A=	0.00019 ft^2 Nozzle area
Nozzle pressure	50 psi	h=	116 ft Head
Flow per nozzle	7.42 gpm	g=	32.2 ft/sec^2 Gravitational constant
Sprinkler Flow	1663 gpm	Q=	0.017 cfs Flow per nozzle
Percent Leaks	12 %	=	7.422 gpm Flow per nozzle
Total Flow	1889 gpm =	4.21 cfs	
Pivot / System rating	gpm =		

Comments / Data Supplied:

2/1/2000 snk
per returned form:
Measured flow of 1568 gpm given, but no supporting data provided.
1976-1990 100-hp motor, 80 ft swl, 100 ft pwl, 65 psi discharge pressure.
7 handlines (1/4 mile, 32 pipe), 3/16 nozzles.

Sprinkler flow seems high for the other given flows. Possible that nozzles are smaller than 3/16" (3/16" is fairly large), or that operating pressure is lower. Also, it is likely that pwl was less at one time. Location is close to the river, and others have reported smaller values of pwl in this area. PWL of 50 feet yields a flow of 3.6 cfs.

Recommend his stated 1568 gpm

Idaho Department of Water Resources
Adjudication Bureau

December 6, 1999

A4310517
RICH WAYNE R
15S27E18SWSWNE

RECEIVED
JAN 21 2000
Department of Water Resources

Data Submission for Estimating Well Pumping Capacity

This form is for documenting historic flow rate from a well based on available information including: flow measurements, pump curves or specifications, system characteristics such as motor horsepower, depth to water, discharge pressure, and irrigation system characteristics. The department is attempting to quantify the maximum rate of flow diverted and put to beneficial use in the years prior to November 1987.

If you have any questions regarding this data request, please contact either Scott King (208) 327-7897 or Cindy Bird (208) 327-5450. You may also dial the adjudication hotline (1-800-451-4129) and ask for Scott or Cindy. If you prefer to discuss these questions with us instead of completing the form, your call is welcomed. We can also be contacted by e-mail at sking@idwr.state.id.us and cbird@idwr.state.id.us

1) Rate of Flow measurements: 156.8 gpm (cfs or gpm)

Please give approximate date, person or entity performing measurement, description of measuring device and any other applicable data. Examples may include measurements made as part of an energy efficiency survey, which are often provided as a service through your electric utility.

JEFF RICH (OPERATOR) AS OPERATOR &
PART OWNER I RAN THIS FARM FROM 1973
THRU 1990. WE BASICLY RAN THE SAME
AMOUNT OF HANDLINES ON THIS WELL THE
ENTIRE TIME

2) Pump characteristic curves or specifications: Please include copy of pump curve, or state designed pumping capacity, rated flow and head, and approximate year of pump installation. Other helpful items may include the pump manufacturer, model number, and number of stages.

3) Pumping system characteristics:

Diversion rate can be determined by using power, pumping lift, discharge pressure, and estimated pumping efficiency. If the system has changed over time, you can provide information for several system configurations.

Year	Well pump motor horsepower	Booster pump(s) motor horsepower	Depth to water, pump off (ft)	Depth to water, pump on (ft)	Discharge pressure (psi)
1975	100 HP		80 FT	100 FT	65 PSI
1990					

Thru

4) Irrigation System:

Please provide description of the water delivery system. State number of lines and birds, nozzle size, and operating pressure(s) of impact-type sprinkler systems; designed rated flow for pivot systems. As above, if various systems have been used through the years, provide year as well. Example:

1963 to 1974 – Well pump open discharges to ditches for flood irrigation using 50 siphons per set. Siphons were 1.5 inch diameter, 5 feet long.

1975 to 1984 – Six wheel lines with 32 birds per line, 5/32 inch nozzles operating at 60 to 70 psi at the sprinklers.

1985 to present – Eight tower center pivot with impact sprinklers and end gun, no corner catcher, designed for 1150 gpm. Also solid set hand lines in corners which operate separate of the pivot, operating a total of 250 birds per set, 9/64 inch nozzles operating at 65 to 75 psi at the sprinklers.

1975 - 1990 100 HP

7 HANDLINES (1/4 mile, 32 pipe)

3/16 NOZZLES

5) Other information:

Please also include any other information that you feel may indicate maximum historic diversion rate for your well.

Any other questions I could

ANSWER PLEASE CALL JEFF RICH

435-563 8196