

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: A22-07303
Date Received: 7/11/1988
Receipt No: E 693
Received By: TO

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: ARDEN STEWART 208-458-4310
Address: BOX 127
TETON, ID 83451

2. Date of Priority: OCT 05, 1979

3. Source: GROUNDWATER Trib. to:

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4	Lot	County
06N	41E	16	SW		NW		MADISON

5. Description of diverting works:
WELL, PUMP & SPRINKLER SYSTEM

6. Water is used for the following purposes:

Purpose	From	To	C.F.S.	(or)	A.F.A.
IRRIGATION	04/01	11/01	0.500		

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

8. Total consumptive use is 80.0 Acre Feet Per Annum.

9. Non-irrigation uses:
NONE

10. Place of Use:

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
06N	41E	16	NW	NE		IRR	40.0
Section Acres							40.0

A22-07303

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Date: 07/11/88

OCT 29 1988



10. Place of Use: Continued

Total Acres 40.0

11. Place of use in counties: MADISON

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

13. Other Water Rights Used:
TRANSFER 22-2256

14. Remarks:
REINSTATED 1-22-1985.

15. Basis of Claim: PERMIT

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: 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): Arden Stewart Date: July 11, 1988

Date: _____

State of Idaho)

County of Bonnerille) SS.

Subscribed and sworn (or affirmed) before me this 11th day

of July 19 88

Deena Green
Notary Public

Residing at Highway
My Commission Expires 4-22-1994

A22-07303

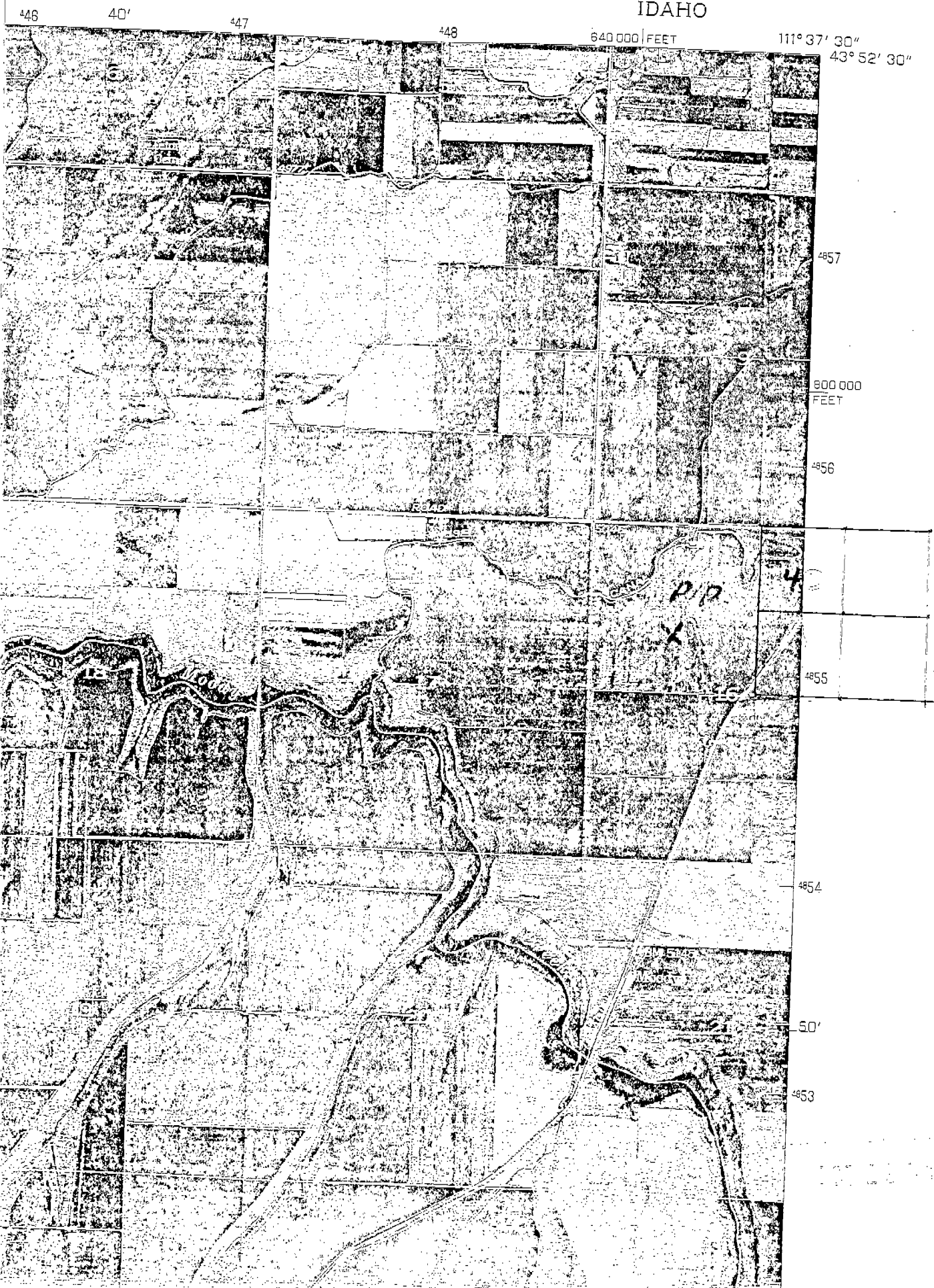
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Date: 07/11/88

OCT 29 1992

41E.

MOODY ORTHOPHOTOQUAD
IDAHO



Log for claim 22-07303

Spatial Dynamics LTD

8/17/01

TR	SEC	QQ	Acres Claimed	Acres Found	COMMENT
06n41e	16	NWNE	40	37	
Totals:			40	37	

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 22-07303

Priority: October 5, 1979

Maximum Diversion Rate: 0.44 CFS
Maximum Diversion Volume:¹ 129.5 AF

This is to certify, that ARDEN STEWART
P.O. BOX 127
TETON, ID 83451

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated August 28, 1979; and has submitted Proof of Beneficial Use on November 8, 1984. An examination indicates that the works have a diversion capacity of 2.050 cfs of water from a GROUNDWATER source, and a water right has been established as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>ANNUAL VOLUME</u>
IRRIGATION	04/01 to 11/01	0.44 CFS	129.5 AF

LOCATION OF POINT(S) OF DIVERSION: SWNW , Sec. 16, Township 06N, Range 41E
MADISON County

PLACE OF USE: IRRIGATION

<u>TWN</u>	<u>RGE</u>	<u>SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
06N	41E	16	NWNE	37		37

Total number of acres irrigated: 37

CONDITIONS/REMARKS:

1. The maximum diversion volume is defined as the maximum allowable volume of water that may be diverted annually from the source under this right. The use of water confirmed by this right is limited to the amount which can actually be beneficially used. The maximum diversion volume may be adjusted to more accurately describe the beneficial use or to implement accepted standards of diversion and use efficiency.
2. This water right is appurtenant to the described place of use.
3. This right is subject to all prior water rights and may be forfeited by five years of non-use.
4. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
5. This right when combined with all other rights shall provide no more than .02 cfs per acre nor more than 3.5 afa per acre for the lands above.

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State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 22-07303

This license is issued pursuant to the provisions of Section 42-219, Idaho Code.
Witness the seal and signature of the Director, affixed at Boise, this 20TH
day of NOVEMBER, 1990.

Acting for

Norman C. Young
R. Keith Higginson, Director

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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

APPROVED

1. Name of applicant Arden Stewart Phone 458-4310

Post office address Box 127, Teton, Idaho 83451

2. Source of water supply groundwater which is a tributary of _____

3. Location of point of diversion is SW $\frac{1}{4}$ of NW $\frac{1}{4}$ of Section 16 Township 6N

Range 41E B.M. Madison County, additional points of diversion if any: _____

4. Water will be used for the following purposes:

Amount 0.50 for Irrigation purposes from 4/1 to 11/1 (both dates inclusive)
(cfs or acre-feet per annum)

Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)

Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)

Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)

5. Total quantity to be appropriated:

a. 0.50 cubic feet per second and/or b. _____ acre-feet per annum.

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. well, pump, 100 Hp. pump with hand
and wheel lines

b. Height of storage dam _____ feet, active reservoir capacity _____ acre-feet; total reservoir
capacity _____ acre-feet, materials used in storage dam: _____

Period of year when water will be diverted to storage _____ to _____ inclusive.
(Month/Day) (Month/Day)

c. Proposed well diameter is _____ inches; proposed depth of well is _____ feet.

7. Time required for the completion of the works and application of the water to the proposed beneficial
use is five years (minimum 1 year - maximum 5 years).

8. Description of proposed uses:

a. If water is not for irrigation:

(1) Give the place of use of water: _____ $\frac{1}{4}$ of _____ $\frac{1}{4}$ of Section _____ Township _____

Range _____ B.M.

(2) Amount of power to be generated: _____ horsepower under _____ feet of head.

(3) List number of each kind of livestock to be watered _____

(4) Name of municipality to be served _____, or number of families to be
supplied with domestic water _____

(5) If water is to be used for other purposes describe: _____

RECORDED

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

[illegible]

Total number of acres to be irrigated 40

c. Describe any other water rights used for the same purposes as described above. This permit in addition to application for transfer (22-2256) will allow applicant .02 cfs per acre

9. a. Who owns the property at the point of diversion Applicant

b. Who owns the land to be irrigated or place of use Applicant

c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing

10. Remarks _____

[illegible]

11. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.

RAK

Place of Use

T 6 N

X Point of Diversion 16

Scale: 2 inches equal 1 mile.

BE IT KNOWN that the undersigned hereby makes application for permit to appropriate the public waters of the State of Idaho as herein set forth.

6-18-79

Arden Stewart
(Applicant)

Proposed Priority 8/28/79

Received by dh Date 8-28-79 Time 11:00 a.m.
Preliminary check by SM Fee \$ 35.00 92-72
Receipted by dh Date 8-28-79 #13684
Publication prepared by dh Date 8-30-79
Published in Standard Journal
Publication dates 9/6 & 9/13/79 & 9/20/79
Publication approved QD Date 9/21/79
Protests filed by: _____

Copies of protests forwarded by _____
Hearing held by _____ Date _____
Recommended for approval denial by EMC. join

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

This is to certify that I have examined Application for Permit to appropriate the public waters of the State of Idaho No. 22-7303, and said application is hereby approved.

1. Approval of said application is subject to the following limitations and conditions:

- a. SUBJECT TO ALL PRIOR WATER RIGHTS.
- b. Proof of construction of works and application of water to beneficial use shall be submitted on or before October 1, 19 84.
- c. The rate of diversion, if water is to be used for irrigation under this permit, when combined with all other water rights for the same land shall not exceed 0.02 cubic feet per second for each acre of land.
- d. Other: (1) An access port or other device as specified by the Department shall be installed by the permit holder to provide for the installation of measuring equipment and the determination of the rate of diversion by the Department.

Witness my hand this 16 day of October, 19 79.

David R. Tuttle (ACTING)
Chief, Operations Bureau

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECORDED
JUN 18 1990

A. GENERAL INFORMATION

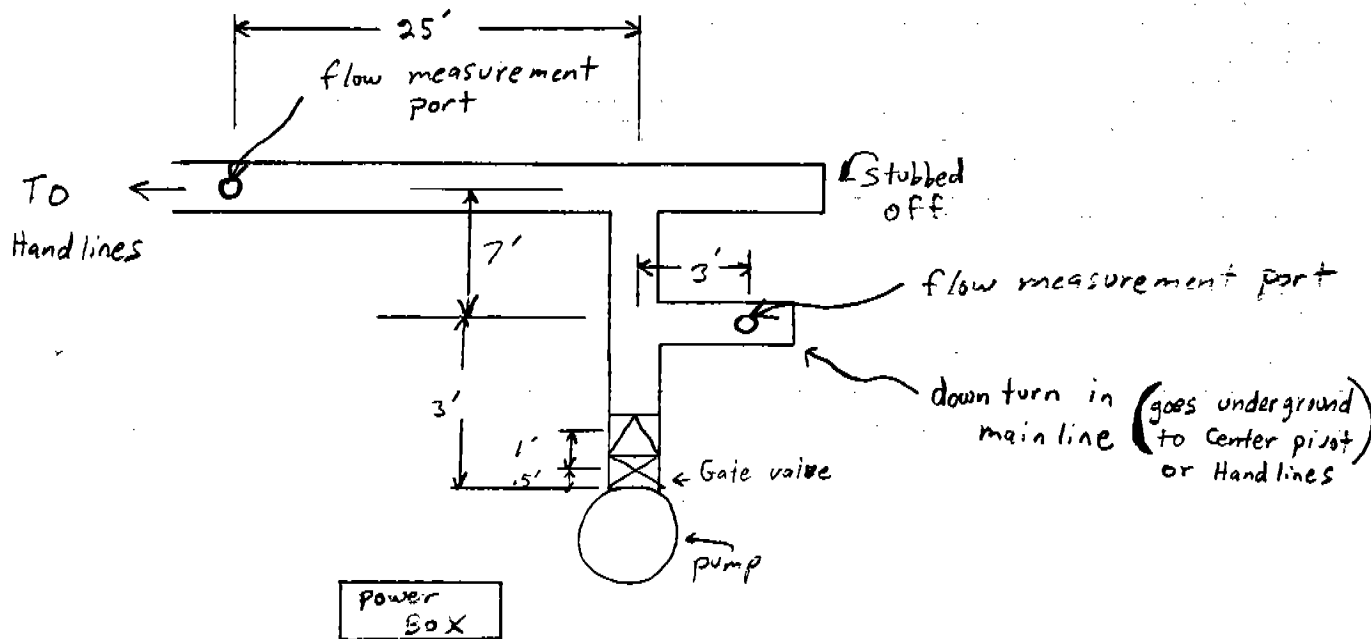
Permit No. 208-7303
Phone No. 458-4310
1. Owner: Roy Stewart
Current Address: Box 127 Teton, Id. 83451
2. Accompanied by: Roy Stewart EXAM. DATE: 6-22-89
Address: Same Phone No. 458-4310
Relationship to Permit Holder: Owner
3. Source: Groundwater tributary to _____

B. OVERLAP REVIEW

1. Other water rights with same place of use: 22-2256, 0159 (Fall river)
☒ Copies Attached
2. Other water rights with same point of diversion: 22-2277, 2256, 2215
☒ 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



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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).

System Description (continued)

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

well + pump to Hand lines and center pivot.
 Center pivot is $\approx 1/2$ mile long with
 17 towers and 14 heads per tower. Center
 pivot was not operating at the
 time due to break down. However, Center
 pivot and hand lines are not run at the
 same time. The hand lines connected at time
 of exam gave us a max. reading.
 Hand lines used to check center pivot
 when center pivot was operating

☐ See Remarks on page 4 for continuation

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
	General Elect.	100	5K6257X4551A	peerless	197497

*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	NW	16	6N	41E	Madison	Maps/on site inspection

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	
6N	41E	16			37	36			35	8	40	39							195
																			195

license only ———
 6N 41E 16 37

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NOV 26 1980

Do not use this space

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
LICENSING REPORT

22-7303

PERMIT NO.

Item E. flow calculations

measured method:

Halls meter -

$$Q_{cfs} = \left[\frac{\pi (id)^2}{4} V_h \right] / 448.8 = \frac{\pi (7.75)^2 (14.1)}{4} / 448.8$$

$$Q_{cfs} = 1.48 \text{ cfs}$$

Annubar -

$$Q = \left[C (id)^2 \sqrt{\Delta \text{monometer reading}} \right] K = \left[3.87 (7.75)^2 \sqrt{1.2} \right] / 448.8$$

$$Q = 0.57 \text{ cfs}$$

$$\text{total } 2.05 \text{ cfs}$$

Alt. method:

$$Q_{Theor.} = \frac{hp (8.814) (eff)}{1.84 + (psi \times 2.308)} = \frac{100 (8.814) (.8)}{180 + (71 \times 2.308)} = 2.05 \text{ cfs}$$

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Larry J. Watson

SIGNATURE

Page 1 of Page 2

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
LICENSING REPORT

22-7303

PERMIT NO.

Item H. Overlap Review analysis

$Q = 2.05 \text{ cfs}$ for 195 acres

$$\text{Current } Q/ac = 2.05 \text{ cfs} / 195 \text{ ac} = 0.0105128 \text{ cfs/ac}$$

Licensed flows from same P/D

$$22-2256 / T2345 = \left[\left(\frac{37}{725} \right) (5.80) \right] \div 37 \text{ ac} = 0.008 \text{ cfs/ac}$$

(same P/D)

$$22-2215 @ 1.49 \text{ cfs for } 120 \text{ ac} = 0.012416 \text{ cfs/ac}$$

$$22-2277 @ 0.68 \text{ cfs for } 33.9 \text{ ac} = 0.02 \text{ cfs/ac}$$

all licensed flows except 22-2256/T2345 exceed current flow rate of 0.0105128 cfs/ac.

This permit is only to increase 22-2256/T2345 up to 0.02 cfs/ac
To limit Q to 0.02 cfs/ac with 22-2256/T2345 @
0.008 cfs/ac leaves 0.012 cfs/ac remaining ($0.02 - 0.008 = 0.012 \text{ cfs}$)

$$Q_{22-7303} = 37 \text{ ac} (0.012 \text{ cfs/ac}) = 0.444 \text{ cfs}$$

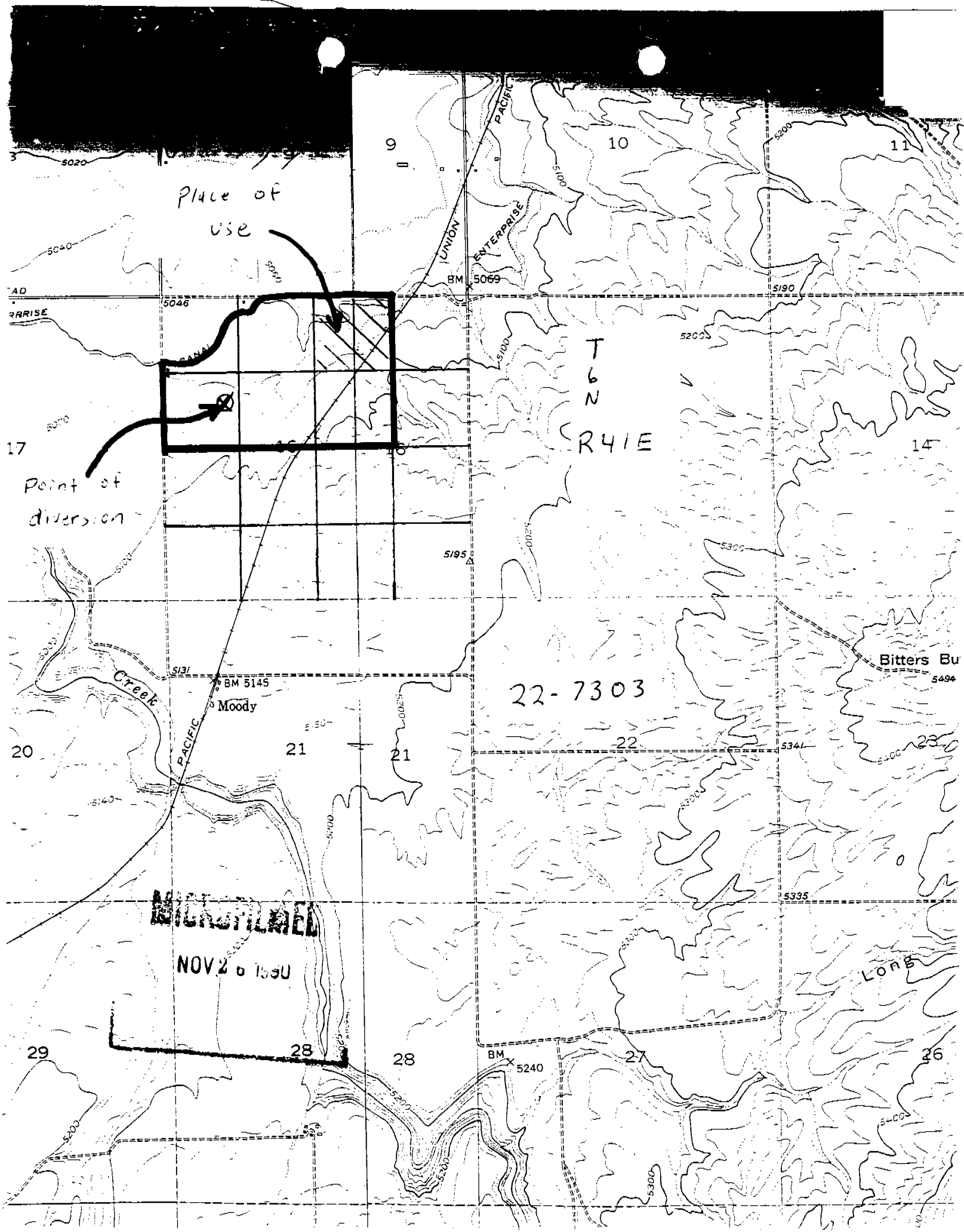
Condition with R17 (22-2215, 22-2277) (2.05 cfs)

FILED

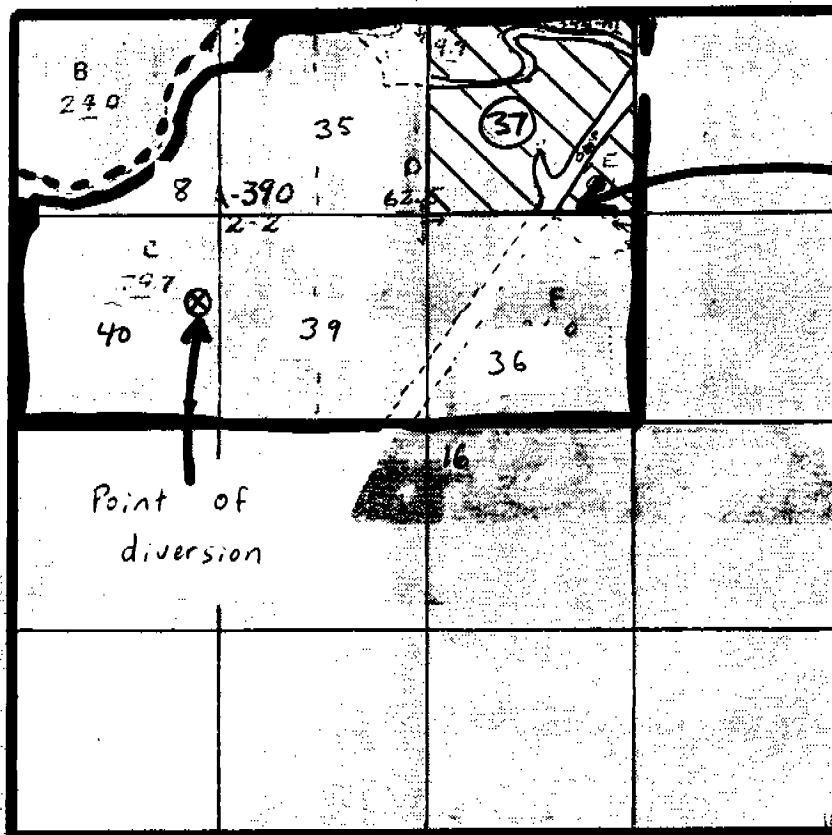
NOV 26 1990

Larry L. Martin
SIGNATURE

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00-11



place of
use

Point of
diversion

T
G
N

R41E

1916 cc

362

54.2

A.2+9
4-4

22-7303

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NOT TO SCALE

0.825

0.1372

Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
Halls meter				120386	8"	
Monometer					60"	
Pressure Gauge					0-100	
Annubar					psc 7.981	

2. Measurements:

Static Water level $\approx 180'$ Annubar (left branch)
42.1" - 33.3" = 8.8" 35.6 - 34.4 = 1.2"
71 psc 71 psc
(right branch) 7.75" = id 7.75 = id (left branch)

E. FLOW CALCULATIONS

☒ Additional Computation Sheets Attached

1. Measured Method:

2.05 cfs see attached sheet

2. Alternate Method for Checking Purposes:

2.05 cfs

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) $\div$ 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 Amps x .001732 = _____ (6)

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

G. VOLUME CALCULATIONS

for just the 40 acres

1. Volume Calculations for Irrigation:

$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 37 (2) = 74 \text{ af}$

$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = 0.444 (214) (1.9835) = 188.5 \text{ af}$

$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 74 \text{ af}$

2. Volume Calculations for Other Uses:

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H. REMARKS AND OVERLAP REVIEW ANALYSIS

New diversion rate is 0.011 cfs/acre and the old diversion rate is 0.013 cfs/acre therefore we exclude the old tract which gives $0.011(40) = 0.44$ cfs with 80 afa

See attached sheet

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Irrigation	4/1	11/1	0.444	74
Totals:			0.444 cfs	74 afa

2. Recommended Amendments

- | | | |
|---|--|--|
| ☐ 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 Larry L. Waters

Signature Larry L. Waters

Certification Date _____

Field Report Preparation Date 7-25-89

CONSULTANT SEAL

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

RECEIVED

NOV 26 1989