

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: A22-07397
Date Received: 9/14/1988
Receipt No: E002297
Received By: KCW

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: R. LAYNE HARRIS 208-458-4936
Address: P.O. BOX 63
NEWDALE, ID 83436

2. Date of Priority: MAY 20, 1982

3. Source: GROUNDWATER Trib. to:

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4	Lot	County
06N	41E	10	SE	SE	NE		MADISON

5. Description of diverting works:
WELL PUMP MAINLINE TO LATERALS WITH SPRINKLERS

6. Water is used for the following purposes:

Purpose	From	To	C.F.S.	(or)	A.F.A.
IRRIGATION	04/01	11/01	3.160		

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

8. Total consumptive use is 316.0 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	10	NE	NE		IRR	40.0
			NW	NE		IRR	40.0
			SW	NE		IRR	40.0

A22-07397

Page 1

Date: 09/14/88



OCT 29 1992

10. Place of Use: Continued

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
06N	41E	10	SE	NE		IRR	38.0
Section Acres							158.0
Total Acres							158.0

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:
A22-02186

14. Remarks:

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: _____

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): *R. L. Harris* Date: 9-14-88
Date: _____

State of Idaho)
County of Bonneville) SS.

Subscribed and sworn (or affirmed) before me this 14th day
of September 19 88

Betty J. Thompson
Notary Public

Seal

Residing at Idaho Falls
My Commission Expires 6-94

CRP
87-96

R4E41E

11.4 RERSE
53.0
5 GODFREY 3

(136)

1007
10.5

(447)

1007

(236)

47.2
2

(129)

861

32.3

859

16.2

859

(136)

27.0

36.9

3.2

(133)

575

(205) 10

HENRY + LAYNE HARRIS

(40)

(40)

R41E

114.0
3

A-13

276

(39)

61.8
4

11 12

Trp 6N.

T6N

WALZ ENT.

PART OF DIVERSION

T6N

(40)

(38)

76.3

859

(12.1)

PLACE OF USE

(135)

50.4
2

861

25.5

(125)

75.3
3

99.1
17

159.6
7

9.0

124.2
8

60.8
1

27.1
8

121.0
2

36.8
4

50.4
2

25.4

OCT 29 1992

12-07397

Log for claim 22-07397

Spatial Dynamics LTD

8/20/01

TR	SEC	QQ	Acres Claimed	Acres Found	COMMENT
06n41e	10	NENE	40	39	
06n41e	10	NWNE	40	38	
06n41e	10	SWNE	40	39	
06n41e	10	SENE	38	37	
Totals:			158	153	

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 22-07397

Priority: May 20, 1982

Maximum Diversion Rate: 1.97 CFS
Maximum Diversion Volume:¹ 553.0 AF

This is to certify, that LAYNE HARRIS

P.O. BOX 63

NEWDALÉ, ID 83436

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated April 30, 1982; and has submitted Proof of Beneficial Use on July 21, 1983. An examination indicates that the works have a diversion capacity of 3.210 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	1.97 CFS	553.0 AF

LOCATION OF POINT(S) OF DIVERSION: SENE, Sec. 10, 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	10	NENE 40	NWNE 40	SWNE 40	158
			SENE 38			

Total number of acres irrigated: 158

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 3.0 afa per acre for the lands above.

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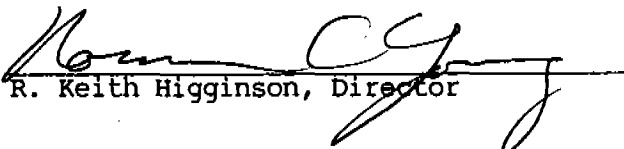
MAR 09 1990

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE
WATER RIGHT NO. 22-07397

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 28th
day of FEBRUARY, 1990.

Acting for


R. Keith Higginson, Director

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MAR 09 1990

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

APPROVED

To appropriate the public waters of the State of Idaho

1. Name of applicant Layne Harris Phone 458-4936

Post office address Newdale, ID. 83436

2. Source of water supply (GROUNDWATER) 6-15-82 EMC
Well which is a tributary of _____

3. Location of point of diversion is SE $\frac{1}{4}$ of NE $\frac{1}{4}$ of Section 10 Township 6N.

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

4. Water will be used for the following purposes:

Amount 3.2 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. 3.2 cubic feet per second and/or b. _____ acre-feet per annum.

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. 150 hp. Turbine pump

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 12 inches; proposed depth of well is 200 feet.

7. Time required for the completion of the works and application of the water to the proposed beneficial

use is 1 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 _____

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

APPROVED

[illegible]

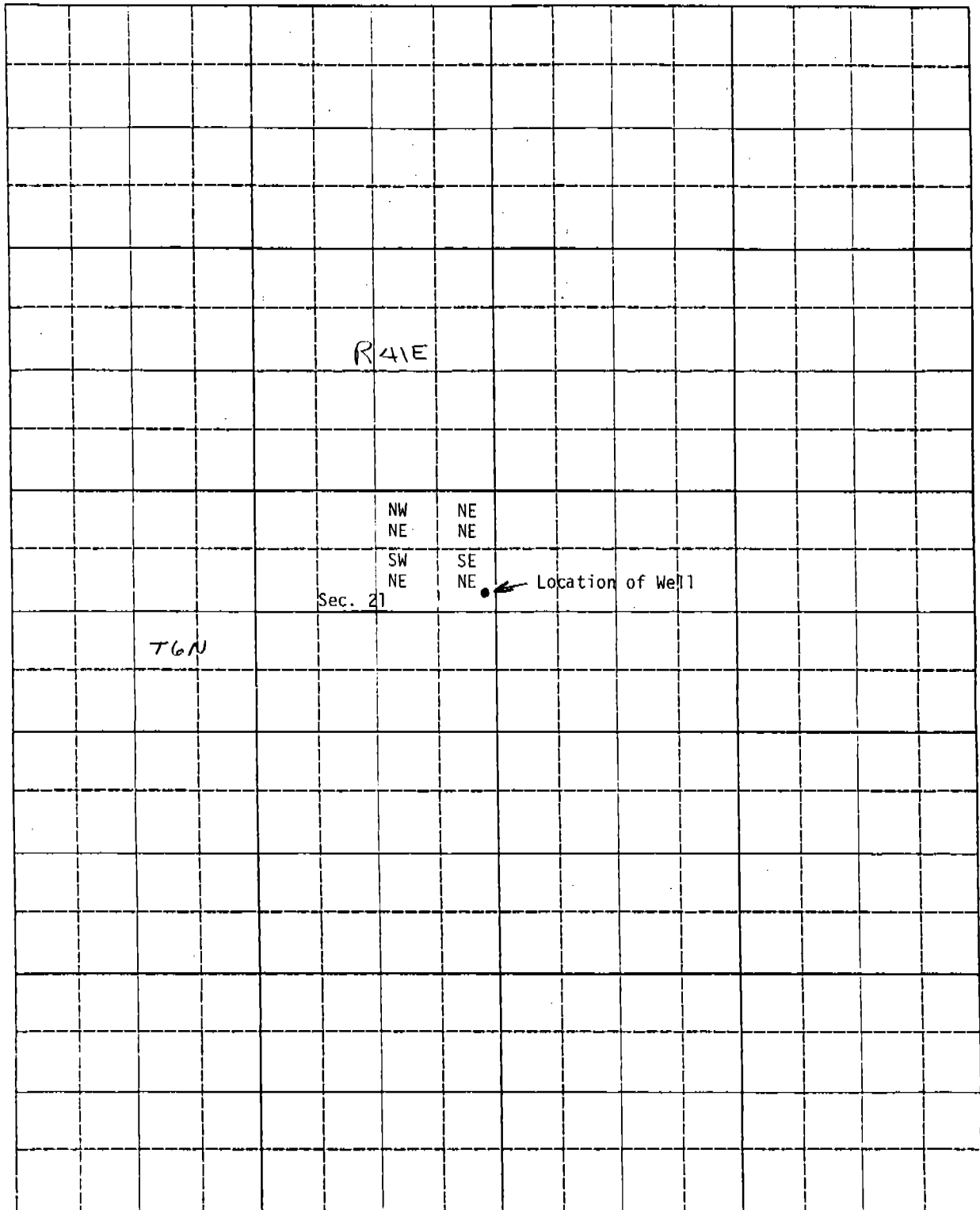
c. Describe any other water rights used for the same purposes as described above. 22-2186

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 _____

SECRET

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



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.

RECEIVED
JAN 11 1977

Raymond J. [Signature]
(Applicant)

Proposed Priority 4/30/1982

Received by BP Date 4-30-82 Time 11:30am

Preliminary check by KCW Fee \$ 105.00

Receipted by BP Date 5-7-82 # 22232

Publication prepared by BP Date 5-6-82

Published in Standard Journal

Publication dates 5-13 & 5-20-82

Publication approved CW Date 6-14-82

Protests filed by: None

Copies of protests forwarded by _____

Hearing held by _____ Date _____

Recommended for approval denial by EMC RC

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. 22-7397, 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 July 1, 19 83.

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: 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 24th day of June, 1982.

L. Glen Saxton
Chief, Operations Bureau

RECORDED

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No. 22-7397

1. Owner: LAYNE HARRIS Phone No. 458-4936

Current Address: BOX 63 NEWDALE ID 83436

2. Accompanied by: LAYNE HARRIS EXAM. DATE: 7-17-87

Address: SAME Phone No. _____

Relationship to Permit Holder: _____

3. Source: GROUNDWATER tributary to _____

B. OVERLAP REVIEW

1. Other water rights with same place of use: NONE 22-2186

☐ Copies Attached

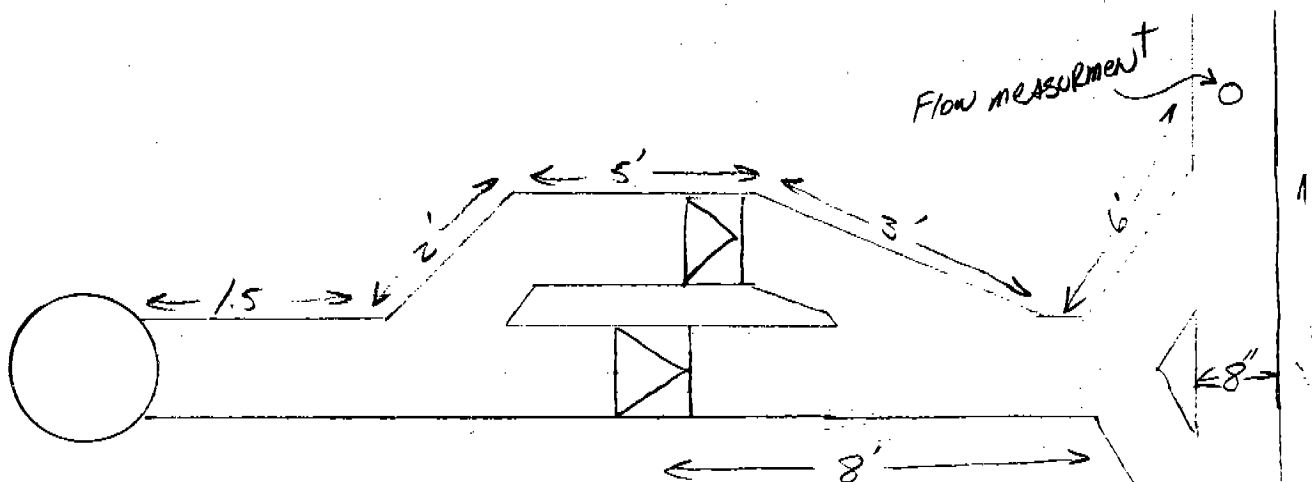
2. Other water rights with same point of diversion: NONE

☐ 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



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Scale: 1" = 100' Scale

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.)

Water is pumped from a static water level of 320' with 200 HP pump a 60 HP Booster is also on the mainline this combination supplies water to 9 - 1/4 mile hand lines at 32 birds with 5 gal/min control nozzles

☐ 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	GE	200	E75520120	AURORA	V82-70885
BOOSTER	US Motors	60	R-9520-20-127	AURORA	82 89881

*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
		SE	SE	NE	10	6N	41E	MADISON	USGS Map

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	10	40	40	40	38													158
																			158

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D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
MANOMETER F1						
ANNUBAR		Dieterich	7517316-55	091409	7.981	
Eagle Eye		DIETERICH	67C	09146	10.02	

2. Measurements:

MANOMETER Reading = $41.8 - 7.7 = 34.1$

Eagle Eye Reading = 36"

Pressure = 72 psi

ID = 7.981"

STATIC H₂O Level 370'

E. FLOW CALCULATIONS

☒ Additional Computation Sheets Attached

1. Measured Method:

9 Lines x 32 birds x $\frac{5 \text{ gal}}{\text{min}} \div 448.8 = 3.21 \text{ cfs}$

LIMIT TO 0.02 cfs/ac
Q = 3.16 cfs

2. Alternate Method for Checking Purposes:

Theoretical $Q_{cfs} = \frac{200 \times 8.814 \times .82}{320' + (2308 \times 40')} = 3.51 \text{ cfs}$

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) ÷ 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

1. Volume Calculations for Irrigation:

$V_{i,r} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 158 \times 3.5 = 553$

$V_{D,R} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = 3.16 \times 214 \times 1.9835 = 1341.3$

V = Smaller of $V_{i,r}$ and $V_{D,R} = 553 \text{ afe}$

2. Volume Calculations for Other Uses:

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[illegible]

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
IRRIGATION	4-1	11-1	3.16	553
Totals:			3.16 cfs	553 afa

☐ 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

Field Examiner's Name SAMUEL D FILETTI
Signature Samuel D Filetti
Certification Date 12-2-27
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.

without attached hereto.

UNPROCESSED

MAR 29 1990

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
LICENSING REPORT

22-7397

Permit No.

Overlap Review

- a) Other water rights with same place of use: 22-2186
- b) Other water rights with same point of diversion: SEE BELOW
- c) Analysis:

The system examined irrigates the following additional ground:

10 1/2 NE 1/4, E 1/2 NE 1/4 NW 1/4 Sec 11, T6N, R4E;
For which -

The following groundwater rights are appurtenant

22-2196

22-2257

22-2271 B

22-7234

Rate of Use

22-2186 $3.57 \text{ cf.} / 431 \text{ ac} = 0.0083 \text{ cf./ac}$

CONDITION

R29

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Examiner's Signature _____

Date _____

Checked in Regional Office by Keith C. Wilson

Date Dec 1, 1987

Approved in State Office by _____

Date _____

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
LICENSING REPORT

22-7397

Permit No.

Measurement Calculations

Field Measurement Calculations (Include theoretical capacities and system capacity)

Halls Meter: $Q = (A)(V_h)$ $A = \text{Area} = \frac{\pi d^2}{4}$ $V_h = \text{Halls Manometer Reading}$

$$Q_{\text{gpm}} = (A)(V_h) = \left[\frac{\pi d^2}{4} \right] (V_h) = \text{GPM} \div 448.8 \text{ gpm/cfs} = \text{CFS}$$

$$Q_{\text{cfs}} = \left[\frac{(3.1416)(\quad)^2}{4} \right] \times \left[(\quad) \right] \div 448.8 = \quad \text{cfs}$$

TABLE 1

CHART TO CONVERT LINEAR INCHES DIFFERENTIAL
IN THE MANOMETER TO MANOMETER READING

$V_h = \text{HALLS}$ Manometer Reading	Diff. Inches of Water	$V_h = \text{HALLS}$ Manometer Reading	Diff. Inches of Water	$V_h = \text{HALLS}$ Manometer Reading	Diff. Inches of Water
1	.140	17	12.435	33	43.950
1.5	.240	17.5	13.132	33.5	45.200
2	.350	18	13.848	34	46.500
2.5	.470	18.5	14.582	34.5	47.850
3	.600	19	15.336	35	49.200
3.5	.750	19.5	16.108	35.5	50.550
4	.903	20	16.898	36	51.900
4.5	1.080	20.5	17.707	36.5	53.250
5	1.283	21	18.534	37	54.600
5.5	1.540	21.5	19.380	37.5	56.000
6	1.803	22	20.246	38	57.35
6.5	2.094	22.5	21.129	38.5	58.7
7	2.397	23	22.031	39	60.05
7.5	2.722	23.5	22.951	39.5	61.4
8	3.066	24	23.891	40	62.75
8.5	3.428	24.5	24.849	40.5	64.1
9	3.810	25	25.825	41	65.45
9.5	4.210	25.5	26.820	41.5	66.8
10	4.627	26	27.834	42	68.15
10.5	5.063	26.5	28.866	42.5	69.5
11	5.520	27	29.917	43	70.85
11.5	5.994	27.5	30.987	43.5	72.2
12	6.486	28	32.075	44	73.55
12.5	6.997	28.5	33.181	44.5	74.9
13	7.526	29	34.307	45	76.25
13.5	8.074	29.5	35.451	45.5	77.6
14	8.642	30	36.590	46	78.95
14.5	9.228	30.5	37.750	46.5	80.3
15	9.832	31	38.960	47	81.65
15.5	10.454	31.5	40.200	47.5	83.00
16	11.096	32	41.450	48	84.35
16.5	11.756	32.5	42.800		

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Annubar:

B = Difference in inches of water

C = Annubar Factor: Model 75 = -3.85
Model 73 = 4.14

$$Q_{\text{cfs}} = \left[\frac{(C)(id)^2 \sqrt{B}}{448.8} \right] K = \text{CFS}$$

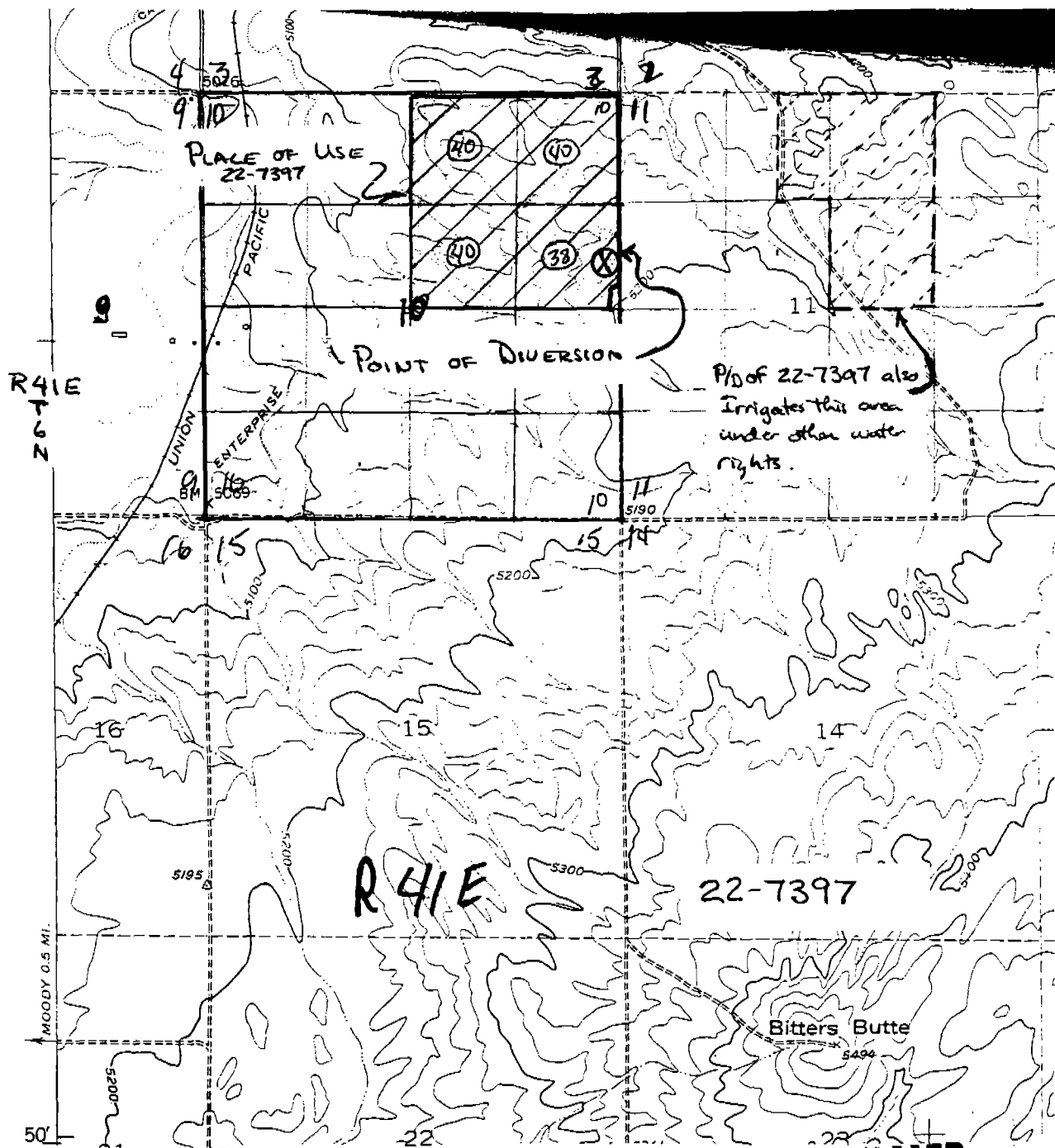
$$Q_{\text{cfs}} = \left[\frac{(3.87)(7.781)^2 \sqrt{34.1}}{448.8} \right] (\quad) =$$

$$Q_{\text{cfs}} = 3.21 \text{ cfs}$$

K = Flow Correction Factor
= 1 for Manometer
= # From Calibration Chart

C=Correction Factor

6"	-----3.75
7.98"	-----3.87
10"	-----3.94
12"	-----3.99
14"/16"	-----4.01
18"/24"	-----4.02
30"	-----4.03



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MAR 09 1990

State of Idaho

WATER LICENSE

Water License No. G-29086 Priority October 17, 1960 Amount 3.57 c.f.s.

THIS IS TO CERTIFY, that Packer Farm Corporation
of Rexburg, Idaho, made application for a permit to appropriate the public waters of
the State of Idaho, dated October 17, 1960, that Permit G-29086 was issued pursuant
to said application; that the proposed works were completed on or about June 1961
with a storage/or carrying capacity of 3.57 c.f.s., said works consisting of well
pump and motor; and that on October 12, 1965
proof was made to the satisfaction of the State Reclamation Engineer, of the beneficial use of 1285
acre feet per season, with a maximum rate of diversion of 3.57 cubic feet per second of the waters
of ground water, tributary of _____
for the purpose of Irrigation from April 1 to October 31
and for _____ from _____ to _____; and for
_____ from _____ to _____; and that the use
of said waters has been made in accordance with the laws of Idaho, and is hereby confirmed by the State Recla-
mation Engineer and entered in the records of the Idaho Department of Reclamation: the point of diversion is
located in NE $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 11, T. 6 N., R. 41 E., B.M., and
other additional points _____, in the County of
Madison; and that the amount of water to which such right is
entitled and which is hereby confirmed, for the purposes aforesaid, is limited to an amount actually beneficially
used for said purposes and shall not exceed 1285 acre feet per year.

Description and location of place of use:

TWP.	RANGE	SEC.	NE $\frac{1}{4}$				NW $\frac{1}{4}$				SW $\frac{1}{4}$				SE $\frac{1}{4}$				TOTALS
			NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	
6 N	41 E	10	38	37	36	39													150
		11							39	39	39	39	38	38		20	30		281

Total number of acres irrigated 431

The right to the use of the water hereby confirmed is restricted to the lands or place of use herein described,
as provided by the laws of Idaho.

Witness the seal and signature of the State Reclamation Engineer, affixed at Boise, Idaho, this

4th day of August, 1969

[Signature]
State Reclamation Engineer

22 218

MAR 09 1990

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