

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: A63-10302
Date Received: 11/29/1989
Receipt No: 013097
Received By: RLT

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: DAVID E. LAKE 208-585-3881
Address: P.O. BOX 445
MIDDLETON, ID 83644

2. Date of Priority: JUN 20, 1985

3. Source: GROUNDWATER Trib. to:

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4	Lot	County
04N	03W	12		NE	NE		CANYON

5. Description of diverting works:

well

6. Water is used for the following purposes:

Purpose	From	To	C.F.S.	(or)	A.F.A.
IRRIGATION	04/01	10/15	0.060		9.00

7. Total Quantity Appropriated is:
0.060 C.F.S. (and/or) 9.00 A.F.A.

8. Total consumptive use is Acre Feet Per Annum.

9. Non-irrigation uses:

10. Place of Use:

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
04N	03W	12	NE	NE		IRR	2.0
Section Acres							2.0
Total Acres							2.0

A63-10302

Page 1

Date: 11/29/89

MICROFILMED
AUG 24 1992

11. Place of use in counties: CANYON

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

13. Other Water Rights Used:

None

14. Remarks:

15. Basis of Claim: LICENSE

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): David E. Lake Date: 11-29-89

Date: _____

State of Idaho)
County of Ada) SS.

Subscribed and sworn (or affirmed) before me this 29th day
of November 19 89

Seal

Helen Harrington
Notary Public

Helen Harrington, Notary Public
Residing at Boise, Idaho

Residing at _____
My Commission Expires December 1, 1994
My Commission Expires _____

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
WESTERN REGIONAL OFFICE
2735 AIRPORT WAY
BOISE, IDAHO 83705

ADDRESS SERVICE
REQUESTED

 SORRY...ADDRESSEE
NOT LISTED ON
INDEX

DAVID E. LAM,
PRESIDENT
MOUNTAIN DOGS

FIRST CLASS



UNITED STATES POSTAGE
02 1A \$ 00.87⁰
0004389393 FEB 02 2007
MAILED FROM ZIP CODE 83702

RECEIVED
FEB 08 2007
WATER RESOURCES
WESTERN REGION

63-10302



Author	Year	Country	Sample Size	Study Design	Findings
Wong et al.	2001	China	1,000	Case-control	Increased risk of lung cancer in heavy smokers.
Wong et al.	2002	China	1,000	Case-control	Increased risk of lung cancer in heavy smokers.
Wong et al.	2003	China	1,000	Case-control	Increased risk of lung cancer in heavy smokers.
Wong et al.	2004	China	1,000	Case-control	Increased risk of lung cancer in heavy smokers.
Wong et al.	2005	China	1,000	Case-control	Increased risk of lung cancer in heavy smokers.
Wong et al.	2006	China	1,000	Case-control	Increased risk of lung cancer in heavy smokers.
Wong et al.	2007	China	1,000	Case-control	Increased risk of lung cancer in heavy smokers.
Wong et al.	2008	China	1,000	Case-control	Increased risk of lung cancer in heavy smokers.
Wong et al.	2009	China	1,000	Case-control	Increased risk of lung cancer in heavy smokers.
Wong et al.	2010	China	1,000	Case-control	Increased risk of lung cancer in heavy smokers.
Wong et al.	2011	China	1,000	Case-control	Increased risk of lung cancer in heavy smokers.
Wong et al.	2012	China	1,000	Case-control	Increased risk of lung cancer in heavy smokers.
Wong et al.	2013	China	1,000	Case-control	Increased risk of lung cancer in heavy smokers.
Wong et al.	2014	China	1,000	Case-control	Increased risk of lung cancer in heavy smokers.
Wong et al.	2015	China	1,000	Case-control	Increased risk of lung cancer in heavy smokers.
Wong et al.	2016	China	1,000	Case-control	Increased risk of lung cancer in heavy smokers.
Wong et al.	2017	China	1,000	Case-control	Increased risk of lung cancer in heavy smokers.
Wong et al.	2018	China	1,000	Case-control	Increased risk of lung cancer in heavy smokers.
Wong et al.	2019	China	1,000	Case-control	Increased risk of lung cancer in heavy smokers.
Wong et al.	2020	China	1,000	Case-control	Increased risk of lung cancer in heavy smokers.

05/19/2006

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

RIGHT NUMBER: 63-10302

NAME AND ADDRESS: DAVID E LAKE
PO BOX 445
MIDDLETON ID 83644

SOURCE: GROUND WATER

TRIBUTARY:

QUANTITY: 0.060 CFS
9.000 AFY

PRIORITY DATE: 06/20/1985

POINT OF DIVERSION:

T04N R03W S12 NENE Within CANYON County

PURPOSE AND
PERIOD OF USE:

PURPOSE OF USE

PERIOD OF USE

QUANTITY

IRRIGATION

4/01 10/15

0.060 CFS
9.00 AFY

The use of water for irrigation under this right may begin as early as March 1 and may continue to as late as November 15, provided other elements of the right are not exceeded. The use of water before April 1 and after October 15 under this remark is subordinate to all water rights having no subordinated early or late irrigation use and a priority date earlier than the date a partial decree is entered for this right.

PLACE OF USE: IRRIGATION Within CANYON County

T04N R03W S12 NENE 2.00

2 ACRES TOTAL

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 - License

Use of this right is combined with water from Canyon County Water Co. Ltd.

Use of this right is combined with water from Middleton Irrigation Association.

Property is also known as Blk 3, Bigelow Subdivision.

Idaho Department of Water Resources

**T04N, R03W,
SEC 12**

Claim No: 63-10302

Prepared By: Kimberly Brown

Date: May 19, 2006



 Place of Use

 Section Lines

 1/4 1/4

 Point of Diversion

Irrigated Acres = 2



0 0.03 Miles



1987 NAPP

IDAHO DEPARTMENT OF WATER RESOURCES

Adjudication Claim Report 63-10302

WATER RIGHT NUMBER: 63-10302 ✓

Owner Type

Current Owner

Name and AddressDAVID E LAKE ✓
PO BOX 445
MIDDLETON, ID 83644
(208)585-3881Current Owner:

(property address) 1001 W. Main St.

Middleton 83644

Priority Date: 06/20/1985 ✓

Basis: License ✓

Status: Active

Source

GROUND WATER ✓

TributaryBeneficial Use

IRRIGATION ✓

From To

4/01 to 10/15 ✓

Diversion Rate

0.060 CFS ✓

Annual Volume

9.00 AF ✓

Total Diversion:

0.060 CFS ✓

9.00 AF ✓

Location of Point(s) of Diversion

GROUND WATER

NE1/4NE1/4 ✓

Sec. 12, Twp 04N, Rge 03W, B.M. ✓

CANYON County ✓

Place of Use

IRRIGATION ✓

Twp	Rge	Sec	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	Totals
✓ 04N	03W	12	2.0																2.0

Total Acres: 2 ✓

ADD 339 - Season of use is 3/1 to 11/15Conditions of Approval:Remarks:ADD - Use is combined with water from
W50 Middleton Mill Ditch Co.Comments:ADD - Use is combined with water from
Canyon Hill Ditch Co.
County Water Co. Ltd.ADD J01 - Place of use is also known as Blk 3,
Bigelow Subdivision.Parcel No: R1761001200. (20 - 2.1 AC)

IDAHO DEPARTMENT OF WATER RESOURCES

Water Right Report 63-10302

WATER RIGHT NUMBER: 63-10302

<u>Owner Type</u>	<u>Name and Address</u>
Current Owner	DAVID E LAKE PO BOX 445 MIDDLETON, ID 83644

Priority Date: 06/20/1985

Basis: License

Status: Active

<u>Source</u>	<u>Tributary</u>
---------------	------------------

GROUND WATER

<u>Beneficial Use</u>	<u>From</u> <u>To</u>	<u>Diversion Rate</u>	<u>Annual Volume</u>
IRRIGATION	4/01 to 10/15	0.060 CFS	9.00 AF
	<u>Total Diversion:</u>	0.060 CFS	9.00 AF

Location of Point(s) of Diversion

GROUND WATER	NE1/4NE1/4	Sec. 12, Twp 04N, Rge 03W, B.M.
CANYON County		

Place of Use

IRRIGATION

Twp	Rge	Sec	NE				NW				SW				SE				Totals
04N	03W	12	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
			2.0																2.0

Total Acres: 2

Conditions of Approval:Remarks:Comments:

IDAHO DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM POU REVIEW REPORT
ADJUDICATION CLAIM NUMBER: 63-10302

03/22/2006

1

Right #	Type	Twp	Rge	Sec	QQ	Q	Lot	Purpose of Use	Acres/Total	Name
163	Claim	04N	03W	12	NE	NE		IRRIGATION	37/4015.5	CANYON COUNTY WATER CO LTD
1798	Claim	04N	03W	12	NE	NE		IRRIGATION	37/4015.5	CANYON COUNTY WATER CO LTD
2406	Claim	04N	03W	12	NE	NE		IRRIGATION	40/29248	DRAINAGE DIST NO 2
~~10302~~	~~Claim~~	~~04N~~	~~03W~~	~~12~~	~~NE~~	~~NE~~		~~IRRIGATION~~	~~2/2~~	~~DAVID E LAKE~~
1761	Claim	04N	03W	12	NE	NE		IRRIGATION	37/3986.2	CANYON COUNTY WATER CO LTD
1762	Claim	04N	03W	12	NE	NE		IRRIGATION	37/3514.5	CANYON COUNTY WATER CO LTD
2406	Water Right	04N	03W	12	NE	NE		IRRIGATION	40/29248	DRAINAGE DIST NO 2
~~10302~~	~~Water Right~~	~~04N~~	~~03W~~	~~12~~	~~NE~~	~~NE~~		~~IRRIGATION~~	~~2/2~~	~~DAVID E LAKE~~
1795	Water Right	04N	03W	12	NE	NE		STOCKWATER		MERLE L LAEGER
13616	Water Right	04N	03W	12	NE	NE		STOCKWATER		MATSUMATO BROTHERS INC
13617	Water Right	04N	03W	12	NE	NE		STOCKWATER		MATSUMATO BROTHERS INC
17519	Water Right	04N	03W	12	NE	NE		STOCKWATER		IDA LAKE
1795	Water Right	04N	03W	12	NE	NE		DOMESTIC		MERLE L LAEGER
13616	Water Right	04N	03W	12	NE	NE		DOMESTIC		MATSUMATO BROTHERS INC
13617	Water Right	04N	03W	12	NE	NE		DOMESTIC		MATSUMATO BROTHERS INC
14016	Water Right	04N	03W	12	NE	NE		DOMESTIC		THE MIDDLETON VENTURE
17149	Water Right	04N	03W	12	NE	NE		DOMESTIC		CLARK M CORNELL
17519	Water Right	04N	03W	12	NE	NE		DOMESTIC		IDA LAKE
17880	Water Right	04N	03W	12	NE	NE		DOMESTIC		RAY DEITRICK

- claim supplemental to water from
Canyon County Water Co. Ltd and
Middleton Mill Ditch Companies.

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE
WATER RIGHT NO. [REDACTED]

Priority: June 20, 1985 Amount: 0.06 CFS 9.0 AFA

This is to certify, that DAVID E. LAKE
P.O. BOX 445
MIDDLETON, ID 83644

has complied with the terms and conditions of the permit issued pursuant to Application for Permit dated June 20, 1985, and has submitted proof to the Department of Water Resources on August 5, 1986, that water has been applied to a beneficial use; an examination by the Department indicates that the works have a diversion capacity of .130 cfs of water from a GROUNDWATER source and that a water right has been established as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>VOLUME</u>
IRRIGATION	04/01 to 10/15	0.06 CFS	9.0 AFA

LOCATION OF POINT(S) OF DIVERSION: NENE , Sec. 12, Township 04N, Range 03W
CANYON 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>
04N	03W	12	NENE	2		2
Total number of acres irrigated:						2

CONDITIONS/REMARKS:

1. The right to the use of water hereby confirmed is limited to the amount which can actually be beneficially used and is restricted and appurtenant to the lands or place of use and to the purpose herein described, as provided by the laws of Idaho.
2. This right is subject to all prior water rights and may be forfeited by five years of non-use.
3. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.

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 24TH
day of MARCH, 1987.

Norman C. Young
Acting for the Director

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MAR 31 1989

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

Ident. No. 63-10302

RECEIVED

JUN 2 1985

APPROVED

To appropriate the public waters of the State of Idaho

Department of Water Resources

1. Name of applicant DAVID E. LAKE Phone 585-3881

Post office address P.O. Box 445 Middleton IDAHO 83644

2. Source of water supply groundwater* WATER GROUND which is a tributary of US

3. Location of point of diversion is NE $\frac{1}{4}$ of NE $\frac{1}{4}$ of Section 12 Township 4N

Range 3W B.M. CANYON County, additional points of diversion if any:

LOT 3 ALSO KNOWN AS BLK 3 OF BEGELOW'S SUBDIVISION

4. Water will be used for the following purposes: *kw 9/24/1985

Amount .066 cfs for IRRIGATION purposes from APR. 1 to OCT. 15 (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. .066 cfs cubic feet per second and/or b. acre-feet per annum.

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. 10" CASED WELL, 50' DEEP, WITH 3 HP. CENTRIFUGAL PUMP ATTACHED TO SPRINKLER SYSTEM - EXISTING WELL WAS DRILLED 1978

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

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

c. EXISTING Proposed well diameter is 10 inches; PROPOSED depth of well is 50 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 .

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

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

TWP	RANGE	SEC.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
6N3	4N	3W	12	2															2

Total number of acres to be irrigated 2.0

c. Describe any other water rights used for the same purposes as described above. 41/100 IN THE MIDDLETON MILL DITCH AND CANYON HILL DITCH COMPANYS.

9. a. Who owns the property at the point of diversion APPLICANT
 b. Who owns the land to be irrigated or place of use SAME
 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 THIS PROPERTY WAS PURCHASED IN MAY 1984 WITH EXISTING WELL, OF WHICH 1/2 ACRE IS YARD AND BUILDINGS. THE REMAINING 1 1/2 ACRES ARE IN PASTURE AT THE PRESENT TIME.

WE HAVE INSTALLED AN UNDERGROUND SPRINKLER SYSTEM IN THE YARD AREA AND WOULD LIKE TO FILE ON THE WATER TO SPRINKLE ENTIRE PROPERTY.

AS STATED BEFORE THE WELL IS 10" DIAMETER 50' DEEP, WITH WATER TABLE STANDING AT GROUND LEVEL AND ABOVE. THE TOP OF THE CASING STANDS 16" ABOVE GROUND LEVEL AND WATER FLOWS OVER THE TOP AT TIMES DURING THE IRRIGATION SEASON.

THE REASON FOR APPLYING FOR MORE THAN ALLOWABLE AMOUNT, PUMP PRODUCES 40 GAL PER MINUTE AND WOULD LIKE TO USE THIS AMOUNT TO SPRINKLE WITH.

MAP ENCLOSED OF PROPERTY

MIDDLETON ISLAND.

ה'תש"ח, י"ב

BIGLOW'S SUBDIVISION (Middleton) DUPLICATE PLAT BOOK 2 PAGE 77

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Proposed Priority 6/20/85 mn

6-20-85

2:00 p.m.

Received by LL Date 6/20/85 Time 9:21 am

Preliminary check by ELS Fee \$ 301 36086

Receipted by jp Date 6/20/85

Publication prepared by jp Date 7/3/85

Published in Press-Tribune

Publication dates 7/11 & 7/18/85

Publication approved SP Date 7/19/85

Protests filed by: none

Copies of protests forwarded by _____

Hearing held by _____ Date _____

Recommended for (approval) denial by DRT tw

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. 63-10302, 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 86.
- 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: Use of water under this permit is subject to control by the watermaster of State Water District No. 63, Boise River.
The maximum rate of diversion for irrigation purposes under this permit shall not exceed 0.06 cfs.

Witness my hand this 26th day of September, 1985.

A. Glen Sayton
Chief, Operations Bureau

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

DECEMBER 1988
KEYPUNCHED

Department of Water Resources

A. GENERAL INFORMATION

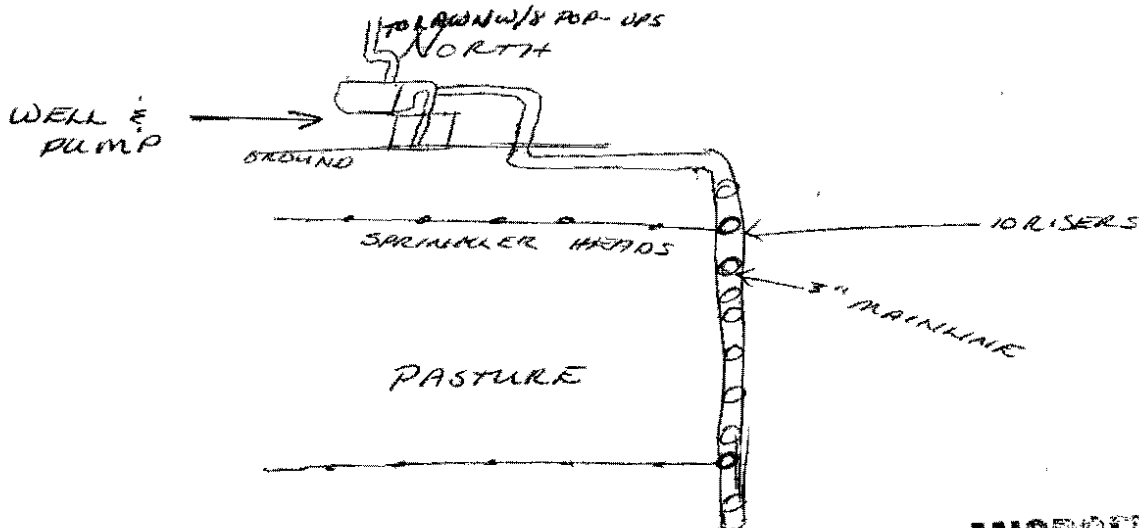
1. Owner: DAVID E. LAKE Permit No. 103-10302
Current Address: P.O. BOX 475, MIDDLETON, ID 83644 Phone No. 585-3881
2. Accompanied by: DAVID LAKE EXAM. DATE: 5/2/88
Address: SAME AS ABOVE Phone No. 585-3881
Relationship to Permit Holder: SAME
3. Source: GROUNDWATER tributary to _____

B. OVERLAP REVIEW

1. Other water rights with same place of use: DRAINAGE DIST. NO. 2 WATER RIGHT. ☐ 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



8 POP-UPS IN LAWN

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).

- ☐ 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.)

WELL IS 50' DEEP, PERFORATED CASING FROM TOP TO BOTTOM. * 2" PIPELINE FROM WELL + 3" MAINLINE TO HANDLINES. 2" MAINLINE TO SPRINKLER SYSTEM FOR LAWN - PDP-UPS (8). LAWN IS 1/2 ACRE APPROX. & 1 1/2 AC PASTURE - LAWN GENIE - 10 300 L.B.'s AT 50 PSI. (PASTURE)

* THIS WAS RELATED BY THE PERMIT HOLDER - NOT USED FOR DOMESTIC USE & NO COLLIER CONTAMINATION SHOULD OCCUR SINCE WELL IS ONLY 50' DEEP. PERFORATIONS WOULD ALL BE IN THE SAME WATER TABLE. ☐ 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
	NONE	3	10E83	CENTRIFUGAL	NONE
				NONE	

*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
					NE NE 12	4N	3W	CANYON	TOPOGRAPHIC MAP & PERMIT HOLDER

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	SE 1/4	NE 1/4	NW 1/4	SE 1/4	NE 1/4	NW 1/4	SE 1/4	NE 1/4	NW 1/4	SE 1/4	
4N	3W	12	2												2
															2

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MAR 31 1989

Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
		N/A				

2. Measurements:

USED PRESSURE GAUGE & MEAS. 50 PSI. WITH 10 HRS
 RUNNING (30.0) 5/32" = 4.98 gpm x 10 = 49.8 gpm
 or 0.11 cfs. (Positive only)

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

1. Measured Method: SEE ABOVE UNDER D.2.

2. Alternate Method for Checking Purposes:

$$\frac{3 \text{ AC} \times .80 \times 8.8}{50' + (60 \times 2.3)} = \frac{21.12}{168} = 0.13 \text{ cfs}$$

DEPTH OF WELL
 STATIC WATER
 LEVEL IS LESS

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:

$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 2 \text{ AC} \times 4.5 = 9.0 \text{ AF/ANN.}$

$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = 23.6 \text{ AF/ANN.}$

$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} = 9.0 \text{ AF/ANN.}$

2. Volume Calculations for Other Uses:

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H. REMARKS AND OVERLAP REVIEW ANALYSIS

No OVERLAPS

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
<u>IRRIGATION</u>	<u>4/1</u>	<u>10/15</u>	<u>0.06 CFS</u>	<u>9.0 AFA</u>
Totals:			<u>0.06 CFS</u>	<u>9.0 AFA</u>

2. Recommended Amendments

- ☐ Change P.D. as reflected above
☐ Change P.U. as reflected above

- ☐ Add P.D. as reflected above
☐ Add P.U. as reflected above

☒ None

☐ Other

J. AUTHENTICATION

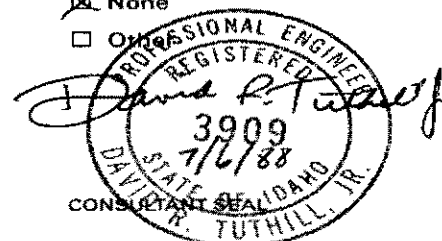
Field Examiner's Name

Signature

Certification Date

Field Report Preparation Date

JAN SHURTE
Jan Shurte
5/2/88



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

from 1/16/89

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