

State of Idaho License and Certificate of Water Right

Water License No. G-25560

Amount 3.62 c.f.s.

Water District No. _____

Priority March 26, 1955

THIS IS TO CERTIFY that MIKAMI BROTHERS
of Idaho Falls, Idaho, made application for a permit to appropriate the
public waters of the State of Idaho, dated March 26, 19 55; that Permit No. G-25560
was issued under said application; that Certificate of Completion of works, with a carrying capacity of
3.62 second feet, was issued thereunder on November 7, 19 58, showing that said works
were completed on the 5th day of September, 19 57; and that on the 5th
day of September, 19 57, MIKAMI BROTHERS

of Idaho Falls, State of Idaho, made proof to the satisfaction of the
State Reclamation Engineer of Idaho, of the right to use the waters of a well
a tributary of subterranean, for the purpose of Irrigation
under Use Permit No. G-25560 of the Department of Reclamation
and that said right to the use of said waters has been perfected in accordance with the laws of Idaho,
and is hereby confirmed by the State Reclamation Engineer of Idaho and entered of record in Volume
10 of Licenses at page 6485, on the 7th day of November, 19 58;
The right hereby confirmed dates from March 26, 19 55;
The Point of Diversion is located

in the SE 1/4 SE 1/4, Sec. 3, Tp. 3 N., R. 40 E., B. M. County Bonneville

That the amount of water to which such right is entitled and hereby confirmed, for the purposes
aforesaid, is limited to an amount actually needed and beneficially used for said purposes, and shall
not exceed 3.62 cubic feet per second.

Description and location of use:

Twsp.	Range	Sec.	Forty-acre Tract	No. Acres Described in Permit	No. Acres Actually Irrigated
3 N.	40 E.	3	SE 1/4 SE 1/4	40	40
			SW 1/4 SE 1/4	40	40
			SE 1/4 SW 1/4	40	40
			SW 1/4 SW 1/4	40	40
			NE 1/4 SW 1/4	40	40
			Total number of acres irrigated - - -		200

The right to the use of the water aforesaid 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
7th day of November, 19 58.

/s/ Geo. N. Carter
State Reclamation Engineer.

(SEAL)

25 2118

25-2118

APPLICATION FOR PERMIT To Appropriate the Subterranean Waters of The State of Idaho

Application No. G- 33423
Permit No. G- 25560
District No.

1. Name of Applicant: MIKAMI BROTHERS
Postoffice address: Route #2, Idaho Falls County: Bonneville State: Idaho
2. Quantity of water claimed: 4.0 cubic feet per second,
 - (a) Rate of withdrawal in cubic feet per second. 4 or Idaho
Miners' inches 200 or gallons per minute. 1800
 - (b) Annual withdrawal in acre feet per annum 800
3. Source of water supply: Well
4. Location of point of diversion or well is in the SE $\frac{1}{4}$ of the SE $\frac{1}{4}$ of Section 3
Twp. 3 N , Rge. 40 E , B.M., County of Bonneville
5. Water is to be used for: Irrigation
6. If for municipal, industrial or recreational purposes, give:
 - (a) Point of use of water is in the $\frac{1}{4}$ of the $\frac{1}{4}$ of Section , Twp.
Rge. , B.M.
 - (b) Waste water or sewage effluent is to be returned to
at a point in the $\frac{1}{4}$ of the $\frac{1}{4}$ of Section , Twp. , Rge. , B.M.
7. Kind of works: Well, Pump and sprinkler system
8. Estimated cost of works: \$28000.00
9. (a) Is reservoir to be used? No
(b) Capacity of reservoir:
10. The time required for the completion of such work and complete application of the water to the proposed use is 3
years.
11. If applicant is a corporation, give:
 - I. (a) Date and place of incorporation:
(b) Amount of capital stock: \$ (c) Amount paid in: \$
(d) Names and addresses of directors:
 - II. The financial resources of the applicant are (a) Cash on hand: \$
(b) Treasury stock: (c) Bonds to be issued:
(d) Other resources:
12. The land to be irrigated is described in the following tabulation:
13. Existing water rights and/or valid permits appurtenant to the lands to be irrigated are: None
 - (a) (cubic feet per second, inches or gallons per minute) of the water herein applied for is to be supplemental to the existing water rights.
 - (b) (cubic feet per second, inches or gallons per minute) is for new lands.

Remarks:

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.

Mikami Bros.

Applicant.

By SACHIHEKO MIKAMI

Agent.

Date of first receipt at Department of Reclamation: 9:00 A.M. March 26, 1955

Returned to applicant for correction:

Corrected application received:

Approval of State Reclamation Engineer

The number of this permit is G-25560

Recorded in Book 90 Page 25560 Approved Apr. 7, 1955

This is to certify that I have examined the within application for a permit to appropriate the public waters of the State of Idaho, and hereby approve the same, subject to the following limitations and conditions:

Bond in the sum of \$ to be filed on or before

Work to begin on or before June 7, 1955

and to continue diligently and uninterruptedly to completion,

unless temporarily interrupted by circumstances over which the permit holder has no control.

One-fifth of the work above specified to be completed on or before

October 7, 1956

The whole of said work to be completed and beneficial use of water appropriated in accordance herewith, to be made on or before

April 7, 1958

Witness my hand this 7th day of April, 1955

MARK R. KULP
State Reclamation Engineer.

IN TESTIMONY WHEREOF, We, ROBERT E. SMYLLIE, Governor of the State of Idaho, and IRA H. MASTERS, Secretary of State of the State of Idaho, have caused this instrument to be executed in the name of the State of Idaho, and caused the Great Seal of the State of Idaho to be hereunto affixed, this 7th day of April, 1955.

Countersigned:

STATE OF IDAHO

(SEAL)

By IRA H. MASTERS
Secretary of State.

By ROBERT E. SMYLLIE
Governor

12.

Twp.	Range	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	
3N	40 E	3								40	40	40		40	40		200		
Permit No. G-25560 Certificate of Completion of Works																			
TO ALL WHOM IT MAY CONCERN:																			
This is to certify that MIKAMI BROTHERS of Idaho Falls, County of Bonneville, and State of Idaho, the holders of Permit No. G-25560, issued upon Application No. G-33423 bearing date of priority of March 26, 1955, authorizing the diversion of 4 second feet of waters of Well (Subterranean) County of Bonneville, State of Idaho, for Irrigation purposes, have fully complied with the provisions of the laws of the State of Idaho relating to the proof of completion of the works of diversion set out and described in said Permit; that said works are adequate for diverting and conveying to the place of intended use 3.62 second feet of the waters of subterranean flow from a well that the point of diversion of said waters SE 1/4 Section 3, Township 3 North, Range 40 East, B.M. and that the lands proposed to be irrigated by the use of said water are described as follows, to-wit: 200 acres in the S 1/4 SE 1/4, S 1/4 SW 1/4, NE 1/4 SW 1/4 Section 3, Township 3 North, Range 40 East B.M. Proof of Completion of Works made: September 5, 1957 Witness my hand this 7th day of November, A.D. 1958 /s/ Geo. N. Carter State Reclamation Engineer Proof of Completion of Works made: September 5, 1957 Certificate of Completion of Works issued: November 7, 1958.																			
Page 6485																			

STATE OF IDAHO
DEPARTMENT OF RECLAMATION
BOISE, IDAHO
REPORT OF ENGINEER

Permit No. G-25560

This proof is for Completion of Works & Beneficial Use In Water District No. _____

1. Name of applicant Mikami Brothers
2. Source of water supply: Subterranean flow from a well
3. Location of point of diversion: Is in the SE $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 3
T. 3 N. R. 40 E., B. M. County of Bonneville
4. Describe works as they exist, giving dimensions and capacities of same: Drilled Well 237' x 18"
Pump: Fairbanks-Morse Pomona #PT1808, Column Dia. 10" length 140', stages
3; With pump on depth to H₂O = 95 to 105', Draw down about 1' (Mikami description)
Motor: Fairbanks-Morse #F255326, 125R - 440V - 146 Amp. 1765 RPM.; Controls - GE.
Meter - GE #33116712 - Utah Power Service #2.5P21529, K_m = 0.6 Multiplier —
Max Chart reading 51 to 53.
5. Water is used for: Irrigation
6. State whether or not water has been turned into works of diversion: Yes
7. List legal subdivisions of lands to be irrigated. If proof is for beneficial use, give exact number of acres under cultivation in each forty-acre tract. (Describe manner and place of use if other than irrigation):

200 acres in NE $\frac{1}{4}$ SW $\frac{1}{4}$, S $\frac{1}{2}$ SW $\frac{1}{4}$, S $\frac{1}{2}$ SE $\frac{1}{4}$ of Sec. 3., Twp. 3 N., Rge. 40 E., B. M.

(Submit map on attached plat, showing location and details of above description.)

8. What large stream would the water here appropriated finally reach?
- Remarks: The Sept. 12 '58 examination made with Mr. Mikami who
was very cooperative, having started his pump and assisted with
measurements during a heavy rainstorm.

This examination was made on the 12 day of Sept., 19 58(Signed) James H. Hume

Examiner.

B5560

Mikami Brothers
Rt. #2, Idaho Falls, Idaho

Permit No. G-25560

Examination of Completion of Works & Beneficial Use

County Bonneville

2-24-1958

Dr. Wells

S-Well

P.H. = 25560, 25561

Wells = 237' to 250' x 18"
Mikami states water stands
95-100' from surface
during pumping + 3.3.13
about 11'
Marr measures Gr. to H₂O
during pumping at 91.6'

Pump - Fairbanks-Morse Pomona
PT 1808
Column 140' x 10"
3 stages

Motors Fairbanks Morse #2' 26
125 HP - 440V - 140
1765 RPM

Controls GE

Housing - Galv. Iron 6x8

Motor - GE #33 116 T12 Utah Power
Service No. 205 P21529
K₁ = 0.6 Multiplier
Max chart recorder reads
51 to 53

Measured (6-12-58) disk speed
= 1060 in 33.6 sec.

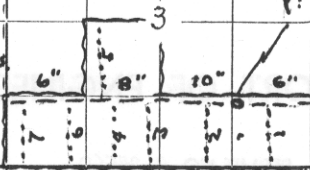
Sprinkler system:
Mains 1 mile 15-8" steel.
Laterals - Usually run 7-4"
1320' lines - More available
Nozzles: 1 1/4" + 3/16" - Mixed - Chang-
ing to 1 1/4"
33 to each 1/4 mile line

INSTRUCTIONS TO EXAMINERS

1. Always carefully note the location of the point of diversion and accurately plat same.
2. When proof is for beneficial use, carefully check up the number of acres actually irrigated in each forty and accurately plat same.
3. Make a map showing the correct location of streams and ditches, and the irrigated lands, and any adjacent permanent landmarks, such as towns, lakes, large streams and public roads.
4. If any unusual conditions are discovered, make plain statement of them under remarks.
5. Always see the holder, if possible, and go over the whole ground with him and make your report only upon actual existing facts and conditions.
6. Give general characteristics of soils, topography, and crops raised.

SEP 24 1958

Department of Reclamation

Sprinkler Pressures + Discharges				Calculated Discharge			
Line Number	#/0	gpm per Nozzle	Line gpm	Measured H ₂ O gage at pump = 92.6 Pressure at pump = 63 #/0" Total Head = 237.5'			
1 S.	48			Power Input. $P = \frac{600}{3600} \times 6 \times 80 \times 10 \times 1.92 = 128$ $\frac{33.6 \times 746}{5.6}$			
N.	60	7.42	244.9				
2 S.	52			Via wax chart reading $\frac{52 \times 1.92}{746} = 13.4 \text{ HP}$ $C.F.S. = 550 \times .65 \times 1.34$			
N.	62	7.64	252.1				
3 S.	48			R-40 E.			
N.	62	7.51	247.8				
4 S.	48			Using flow of 3/16" only			
N.	57	7.25	229.2				
5 S.	59			or 161 Miners Inches or 65% Eff.			
N.	53	7.57	249.4				
6 S.	48			subdivisions 5			
N.	55	7.18	236.9				
7 S.	48			Irrigated land 200 Acres. $Q = 181 \text{ in}$ 362 in $Q = 161 \text{ Acres about it}$ $\text{This gives } \frac{161}{200} = 0.8 \text{ "/acre}$			
N.	54	7.25	239.2				
T. Total - 1710 1710 gpm							
3		3.8 CFS					
N.		or 190 Miners Inches		$\frac{3206}{1603} \times \frac{1}{2} - \frac{3}{16} = \frac{1}{2} - \frac{1}{64}$ $= 3.35 \text{ CFS.}$			
40.		7.40 - 1709 gpm for 3/16"					
53.4		= 6.48 - 149.7 " " 1/64"		but the evidences were that somewhat more 1/64" Nozzels were used.			
3.62		3.35 CFS.					

STATE OF IDAHO
DEPARTMENT OF RECLAMATION
BOISE

REPORT OF ENGINEER

PERMIT NO. G-25560

REPORT ON PROOF OF Completion of Works & Beneficial Use

Mikami Brothers, Rt. #2, Idaho Falls, Idaho