NOTICE OF IRRIGATION AUTHORITY

JOSEPH CITY IRRIGATION
NON EXPANSION AREA

STATE OF ARIZONA DEPARTMENT OF WATER RESOURCES

This is to document that pursuant to the provisions of Title 45, Chapter 2, Arizona Revised Statues

[redacted]

is entitled to irrigate 12.0 *acres of land. Groundwater may be used to irrigate only the acres of land described as follows:*

Assessors Parcel Number 109-6-33A as of 10/84
in W½ Sec 7 T17N R20E GSRB&M.

A copy of the Assessors Parcel Map depicting your certified acreage is on file with this Department.

The use of groundwater on the above described land for irrigation purposes shall be in accordance with the laws of the State of Arizona and restrictions placed on use by the Director of the Department of Water Resources pursuant to Title 45, Chapter 2, Arizona Revised Statutes.

NOTICE NO. 60-200083

is affirmed this 12th *day of* April, 1985

ARIZONA DEPARTMENT OF WATER RESOURCES

Wesley E. Steiner
Director

The Department of Water Resources must be notified if the above named person(s) changes his address or conveys ownership of the land to another person(s). (See reverse side.)

SUBSTANTIAL CAPITAL INVESTMENT

Oversight Committee

- Applicant [redacted]
- Application 60-200083 Date of Report March 21, 1985
- Legal Description: Assessor's Parcel Number 109-6-33A in the W½ of Section 7, T17N, R20E GSRB&M.
- Number of acres claimed 12.0
- Property is located within the Joseph City INA
- Background Information (Narrative Form)

Mr. Ardath Stuart purchased said property in April, 1979. He purchased the 12 acres with the intentions of developing a Christmas tree farm. In 1979, Mr. Stuart cleared and leveled his land. In addition, he drilled a well for irrigation, domestic and fire protection uses. He subsequently set up a water distribution system consisting of two 80-gallon pressure tanks and approximately 3500 feet of drip lines. He further developed his land by fencing the entire parcel and planting approximately 400 trees to serve as a windbreak for his Christmas trees. The windbreak trees have not matured, therefore, Mr. Stuart has been unable to plant his Christmas trees. Due to Mr. Stuart's previous investments and plans to develop the entire parcel of land, he has requested to be considered for a Notice of Irrigation Authority under the Substantial Capital Investment provision of the 1980 Groundwater Code.

- Other sources that support SCI Claim such as Land Sat or ASCS/SCS confirmation.

  N/A

- General narrative that summarizes the SCI investigation.

  Beginning in April, 1979 Mr. Stuart has cleared, leveled and fenced the entire twelve-acre parcel. He has also developed an efficient water distribution system consisting of a well, two 80-gallon pressure tanks and approximately 3500 feet of drip line. The well has an output sufficient to irrigate the entire parcel as well as providing domestic and fire protection water. In addition, he has started a windbreak consisting of 400 trees which is essential for establishing Christmas trees in the Joseph City area. Based on the extent of Mr. Stuart's development to his land, it is the Phoenix AMA's recommendation that Mr. Stuart be granted a Notice of Irrigation Authority for the entire twelve acres.

- Field report submitted by D. Roberts /_____
- AMA Director Determination
  - Agree [signature]
  - Disagree _____
  - Other _____
- Oversight Committee Determination
  - Agree W. Don Maughan 4/8/84
  - Disagree _____
  - Other _____

	Yes	No
o SCI Investigation		
Does the applicant indicate any capital investments within the time frame prescribed by law.	X	
1. Land clearing or leveling.	X	
Applicant cleared and leveled entire parcel in 1979 at a cost of $1,454.00 (receipts).		
2. Construction or improvements of irrigation delivery system.	X	
Approximately 3500 feet of drip lines were installed in 1979 at a cost of $1,624.71 (receipts).		
3. Drilling, deepening, refurbishing of wells.	X	
Well was drilled and pump installed in 1979. In addition, two 80-gallon pressure tanks were installed. Total cost of system equals $7,605.09 (receipts). The pumping capacity of the well is 100 GPM.		
4. Fees for leasing, professional services and purchase of supplies and equipment coincidental to these improvements.	X	
In 1979, approximately 400 trees consisting of pines and Russian olives were purchased and planted for a windbreak at a cost of $1,126.74 (receipts). Other expenses incurred for supplies and equipment associated with these improvements total approximately $2,000.00 (receipts).		
5. Fencing.	X	
The entire parcel was fenced in 1979 at a cost of $2,724.00 (receipts).		

6. Total cost of improvements.

Actual (with receipts)	$ 16,534.54
Estimated	$ -0-
TOTAL	$ 16,534.54

TWP 17

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DEC 13 1984
WATER RESOURCES

File #60-200 083

JOSEPH CITY IRRIGATION NON-EXPANSION AREA (INA)
RECORD OF IRRIGATION HISTORY

1. OWNERS NAME(s) [redacted]

Mailing Address [redacted] City State Zip

2. Legal description of land which was irrigated at any time between January 1, 1975 and January 1, 1980.

SW ¼ NW 1/4 SE 1/4 Section 07 Township 17 ON Range 20.0E

3. Total number of irrigated acres described in Item #2 9.12 - Amended as per phone call and conversation with Connie Stuart Dec 3/21/85

4. Describe the location of each private well used to irrigate the land. Indicate the well registration number and as accurately as possible the year the well was drilled. In addition, please indicate whether or not you own the well.

¼	¼	¼	Sec.	Twp	Rge	Regist. No.	Year	Ownership Yes	Ownership No
SW	NW	SE	07	17	20.0E	55-604273	4/79	X	
						55-			
						55-			

5. Have approved measuring devices been installed on the well(s) in Item 4? ____ Yes X No
If so, please indicate measuring device type.

6. Is the land served by an Irrigation District or Agricultural Improvement District? X Yes ____ No
If so, give name of District Joseph City INA

7. Is groundwater the sole source of water for irrigation? ~~X~~ Yes X No.

8. If other sources are utilized, please indicate what they are: i.e. surface water, effluent etc. Run off water

9. On the attached grid, draw a map of the irrigated land as described in Item 2 and Indicate the location of the wells described in Item 4.

DATED this 10th Day of Dec., 1984.

524-3907
Telephone Number

[redacted]
Signature

524-3876

ATTACHMENT A

Identified below are common types of activities and investments made to prepare land for irrigation purposes. Please provide the required information on this form for each investment checked. Attachment B specifically lists the information that is required for each type of investment. Any additional information that you feel would further support your claim, such as a Soil Conservation Service farm plan, could also be submitted.

Please understand that without this information, we will be unable to favorably consider your substantial investment claim and as a result, unable to issue you a Notification of Authority to Irrigate Land within the Joseph City INA.

//

Date land was purchased April 1979

Type of crops to be grown Christmas Trees

Beginning date improvements were made over a period of 8-12 months? DOA 3/21/85

		Cost
4/79	—Land clearing or leveling	1454.00
5/79	—Construction or improvements of irrigation delivery system	1624.71
7/79	—Drilling, deepening, refurbishing of well(s)	7,605.09
7/79	—Fees for leasing, professional services, and purchase of supplies and equipment coincidental to these improvements	10,838.42
10/79	—Fencing	2,724.00
	—Cost of improvements	
	Actual (with receipts/invoices)	20,911.22 } Included above
	Estimated	3,335.00 }
		$ 24,246.22

I, [redacted], the applicant named in this application (Number 60-4273) do hereby certify under penalty of perjury, the information contained and statements made herein are to the best of my knowledge and belief, true, correct and completed.

12-10-84
Date

[redacted]
Signature

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WATER RESOURCES

① Land clearing and leveling: Mostly clearing with a drag. Earth buffer built to minimize damage from run-off from small earthen dam that overflows very badly when it rains. The dam is not on our property. We are presently working on a plan to build several small buffer dams to re-direct the run-off water to the Christmas Trees. The dams will not hold the water but will slow it down so there is minimum damage from erosion. They will be made from old truck tires. It will generally reduce greatly the need to irrigate.

Well is 175' deep / Casing 121 / Diameter 8" / Water Depth 82' / pump Capacity 100 g.p.m.

②③ Pump on well was set up for three functions: One outlet for domestic use, one for fire protection, and one for irrigation use. All irrigation will be on drip system as we have found that it not only conserves water but pays for itself in a relatively short time in the saving on electricity. There are also two pressure tanks. There is approximately 3,548 ft. of in line (for the most part.) Rain drip irrigation system in use at this time.

The well is enclosed and insulated, wired seperately from all other electricity. It is a 5 HP. that is capable of pumping 100 gal. per minute. All details of well are on file.

④ An old trailer home was purchased for use as an office and extra storage space.

Since our worst enemy for growing anything in this area is the wind, we have planted extensive wind breaks with most on the South and West sides

of the property. We have found that if the Mondale Pines are protected as much as possible the first year from the wind (hot or cold) they do extremely well. We have in excess of 400 trees that serve as wind breaks and for erosion control. The costs for these trees and shrubs as well as material used, such as mulch, Chicken wire for protection etc. are included in this amount. Most of these were bought thru the State Land Dept. and from 4-H Club sales.

⑤ Complete parcel is fenced with steel posts and 3 strand bart wire with one entry gate large enough for a big truck.

We bought this property with the intention of starting a Christmas Tree Farm working thru (or with) the State Land Dept. We named it the L. Bar C Christmas Tree Ranch and designed a Logo. Three acres are planted each year for three years, when the first planting is ready for sale. All we have done on our property and the manner in which the well is set up is all for this.

All receipts, cancelled checks etc are on file at 310 N. 13th Ave. (Not at mailing address)

This does not show the countless hours of hand labor in weeding, clearing and planting.

[redacted]

Beginning 3rd week March. Trees planted (& shrubs)

25 Cottoneaster
25 Scotch pine
25 piñon pine
20 Russian olive
20 Lombardy ~~poplar~~ poplar
10 native plum
8 lombardy poplars
2 Globe willows
1 cherry
12 poplar seedlings
50 Russian olive
50 Russian olive
25 wild plums (native)
100 Quetta pines
8 Ball willows (started from trimmings)
7 Lombardy poplars
2 Cottonless Cottonwood
390

all except cherry tree are for erosion control and windbreak. Lost quite a few of them in Summer of 83 - (late June - July - August & Sept.) from lack of care. Many of the little Quetta Pines are coming back from the roots. Illness of oldest son required our presence in Tucson. Were watered some by friend.

Expenditures ✓:

✓ drilling	$3,000.00
✓ well - pump etc.	2498.20
✓ Fencing 3 strand Barb wire	2000.00
✓ Gate	85.00
✓ Concrete	54.00
✓ Electric	526.64
✓ Crane rental for well house	90.00
✓ Road to property 783.9' approx	320.00
✓ Flood protection & leveling approx = est.	480.00
✓ Misc. expenses: Gas =	125.00
✓ Truck expense est.	89.00
✓ Exp. to plant wind breaks manure - mulch - labor - chicken wire netting (protection)	768.00
✓ Weed clearing (burning - drag) =	465.00

Non exempt well chg	10.00
filing fee registration	10.00
Placement permit	20.00
Escrow closing	3,139.72
Fee - Intent to drill	3.00
Cement Mixer	236.25
Norge concrete	276.00
Jones Mobile Home office	43.95
Ford Water truck W. roller.	500.00
↳ Mobile Home to serve as office & storage	4,500.00
Cal gas	392.08
	48.93

Wind breaks

Trees - shrubs etc.

11.13	65.00
4.75	50.00
42.82	115.00
74.12	
29.95	
166.64	
23.89	
66.54	
22.38	
93.48	
22.16	
26.32	
69.58	
165.00	
177.00	
26.00	

Total 1,126.74

Misc. charges & expenses ✓

334.76	3.10	16.00
11.22	8.59	7.87
10.60	5.43	10.13
15.16	11.86	10.19
38.65	3.94	15.35
43.95	4.62	51.00
24.10	6.04	51.09
.11	22.44	2.33
4.75	8.56	62.60
1.96	4.66	21.83
21.76	6.43	51.47
22.12	25.42	38.24
24.10	2.63	62.91
2.19	2.70	21.76
4.77	20.99	.73
4.31	.63	53.21
13.53	2.64	13.10
7.24	4.06	104.21
4.55	18.17	
135.98	17.37	

estimated costs not done for misc. supplies

①	4/6/79	Land Clearing & Leveling:	1,454.00
②	5/1/79	Irrigation	1624.71
③	7/1/79	Wells	+ 1200.00 well home value 6405.09
④	7/1/79	Fees - supplies & equip.	10,838.42
⑤	4/79	Fencing — 3 Strand Barbwire 6' posts; 16' gate - perimeter of property	2,385.00 100.00 150.00 60.00 29.00 2,724.00

1454.00
1624.71
7605.09
10838.42
2,724.00
24,246.22
3335.00
20,911.22

16 hr.
30
480.00 labor

120 hr @ 4.00 hr. = 480.00
Mason-Mulch
Chicken wire netting &c. 288.00
768.00

Well outlets set up for 1- Domestic
2- Fire protection
3- irrigating

60.00 x 6 = 360.00
Misc. parts =

Roof 522.49
208.71
52.73
783.93 ft

ft of irrigation = 792
660
348
348
200
200
1000
2548 ft of drip irrigation

S & M Distributors
1301 W. Buffalo
Holbrook, AZ 86025
524-3907

RECEIVED
FEB 21 1985
WATER RESOURCES

2-20-85

Dear Mr. Roberts,

These are all the receipts I can find at this time. All checks and check registers (except part of one) have been stored with all the business records. I was not careful to save all the cash tickets as I had no idea I might need them. The bulk of the work done, except clearing, was done by pick & shovel. That means all the wind break trees, over 300, were dug and planted by hand. I don't know how to put a monetary value on that.

When we set our well-house up, it was set up with three outlets, One for domestic - with 2-80 gal pressure tanks - one strictly for fire hose and one for irrigating.

Does it help our cause that we are very saving with our water use? We don't ever just let it run the way Public Service does their wells and we use drip irrigation on all trees, including the wind breaks. We have to get them established before we can plant Christmas trees. (They are almost there.)

Would it help if we came down? If so - We would be very glad to do so.

You have been very helpful to us and we thank you for it. Sincerely,

[redacted]