

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable.

Scale: 1" = _____

_____ Copy of USGS 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)

_____ Photo of Diversion and System Attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size

*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements:

E. NARRATIVE/REMARKS/COMMENTS

Locally known as vaughn springs

Tag # A001824S on Rock ^{North} East
of Spring

Maybe 1 gal a min
fills 1 trough

no accurate way to measure

pipe 2 in or 1 1/2 with a 3/4 in
nozzle

Tim Hopkins, Attorney for Kona also
joined us.

Have conditions of permit approval been met? ☒ yes ☐ no

F. FLOW CALCULATIONS

_____ Additional Computation Sheets Attached

Measured Method:

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

 $V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$ _____ $V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 =$ _____ $V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} =$ _____

2. Volume Calculations for Other Uses:

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
<u>Stock</u>	<u>4-1</u>	<u>11-1</u>	<u>.05</u>	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
Totals:				_____

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

I. AUTHENTICATION

Field Examiner's Name

Trent Galbraith

Date

7-10-2007

Reviewer _____

Date _____

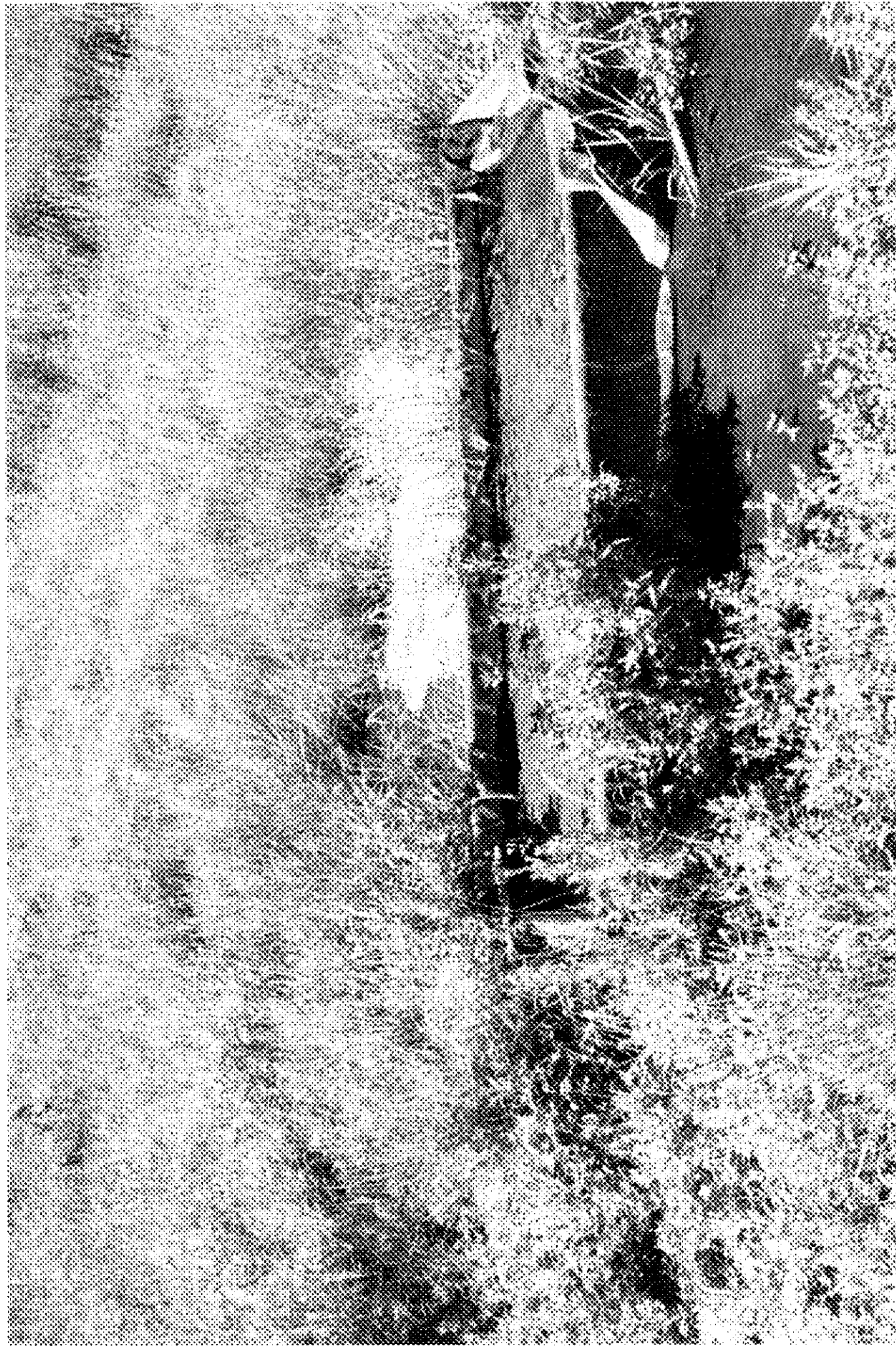
SEAL



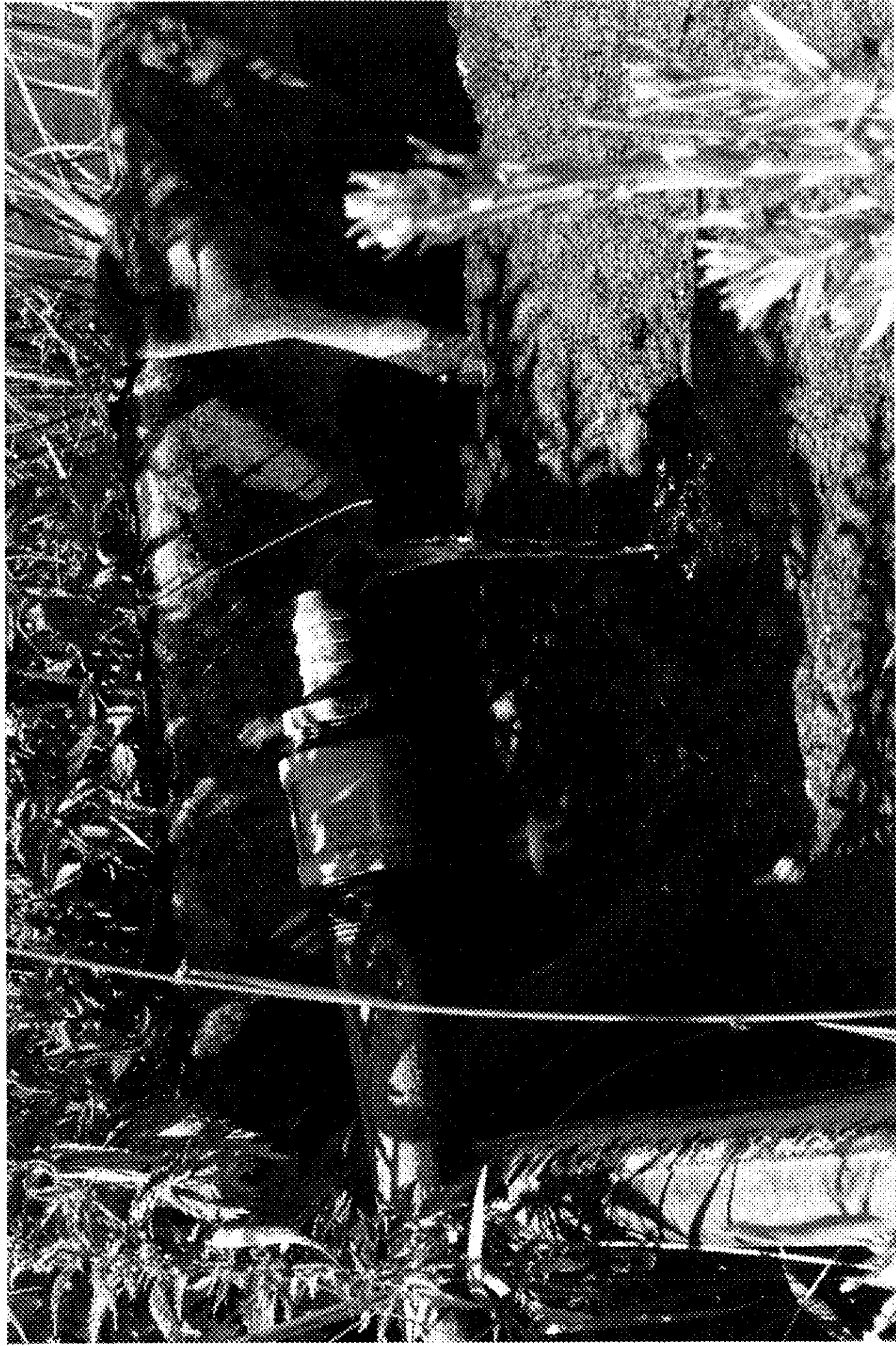
Looking South at trough



Looking SE at Spring



Looking ~~SE~~ South at trough



Diversion pipe to trough

Comment Report

22-7587

1. tgalbraith 8/7/2007 Field Report Narrative

Comment: This spring is locally known as Vaughn Springs. Was accompanied by Jan Beard and Jan Betts as well as their attorney, Tim Hopkins. Spring is boxed in and a 1.5 to 2 inch pipe comes out of it goes about 10 feet and dumps into a trough. Spring box was fenced in. No measurement could be done. Looked to be at least 1 gpm. Tag # A0018245 was placed on a Rock just about 3 off the North East corner of fence.

2. tgalbraith 8/7/2007 POD

Comment: Updated shape

3. tgalbraith 8/7/2007 POD

Comment: Updated PLS

4. tgalbraith 8/7/2007 Amendment

Comment: An amendment is needed. POD and POU are actually in the SESW not SWSW.

5. tgalbraith 8/7/2007 POU

Comment: Updated Shape

6. VAULT 5/12/1999 Proof of Beneficial Use Rcvd

Comment: Proof of Beneficial Use Rcvd