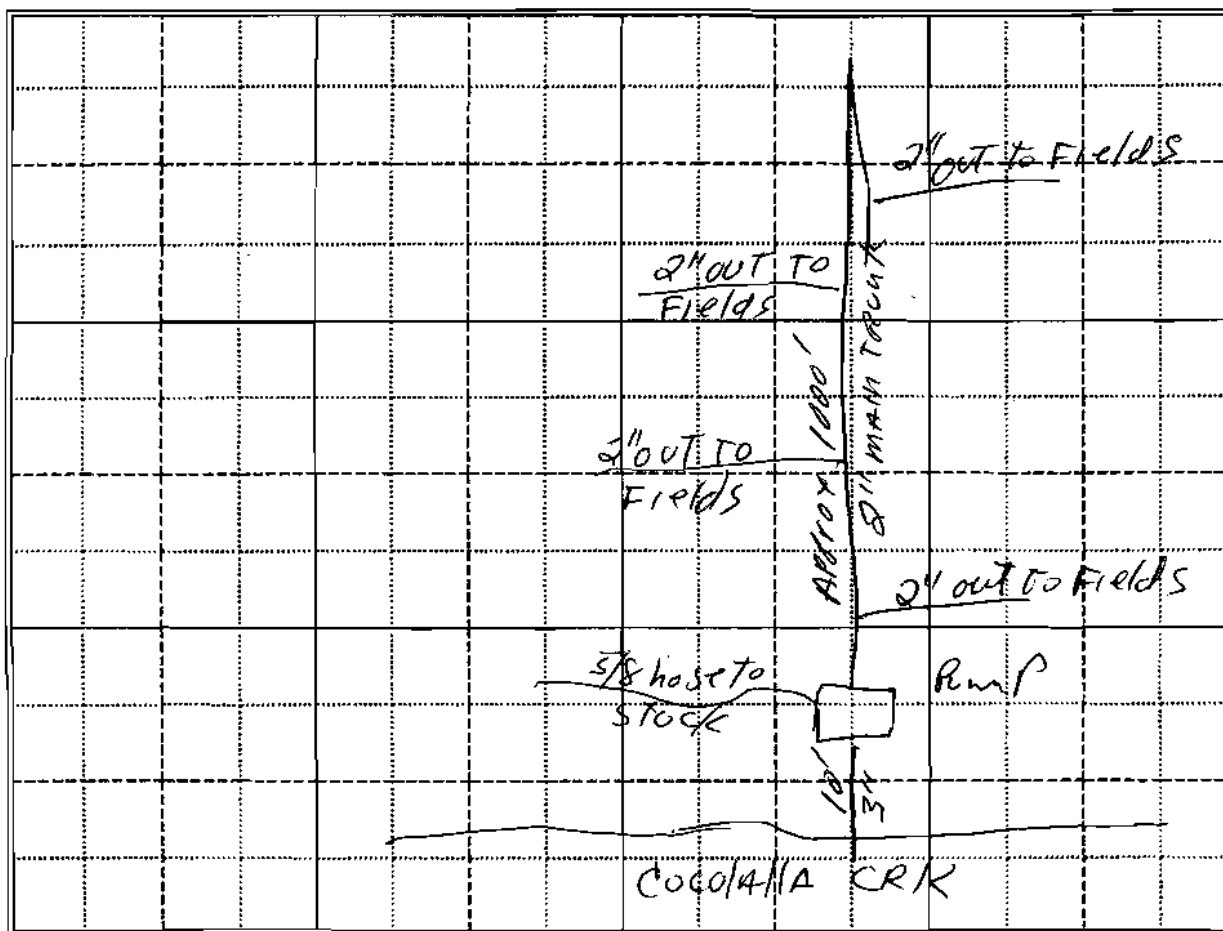


[illegible]

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
	Honda	5.5	GX160	Hypro	2"
	(GAS)				

*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: _____

[illegible]

 ✓ yes

F. FLOW CALCULATIONS

Measured Method:

Additional Computation Sheets Attached

Measurement on main trunk
Filled hundred gallon tank in 90 sec = 66.6
9 AM
$$\frac{66.6 \times 1.33681}{60} = .14 \text{ cfs}$$

14.8 cfs

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 13 \times 3 = 39$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = .14 \times 213 \times 1.9835 = 59.1$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 39$$

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		
Irrigation	04-01	10-31	.14	39
Stockwater	01-01	12-31	.01	.1
Totals:			.15	39.1

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 Wayne Delburn Date 9-29-08

Reviewer [Signature] Date 10/3/08

SEAL

96-9263



Legend

- ⊙ Right POD
-  Right POU

0 60 120 240 360 480 Feet





2in. line from crk.JPG



line to north pasture.JPG



place of use north
pasture.JPG



place of use south
pasture.JPG



place of use.JPG



pump009.JPG



pump and pod.JPG



stock.JPG



trunkline.JPG









