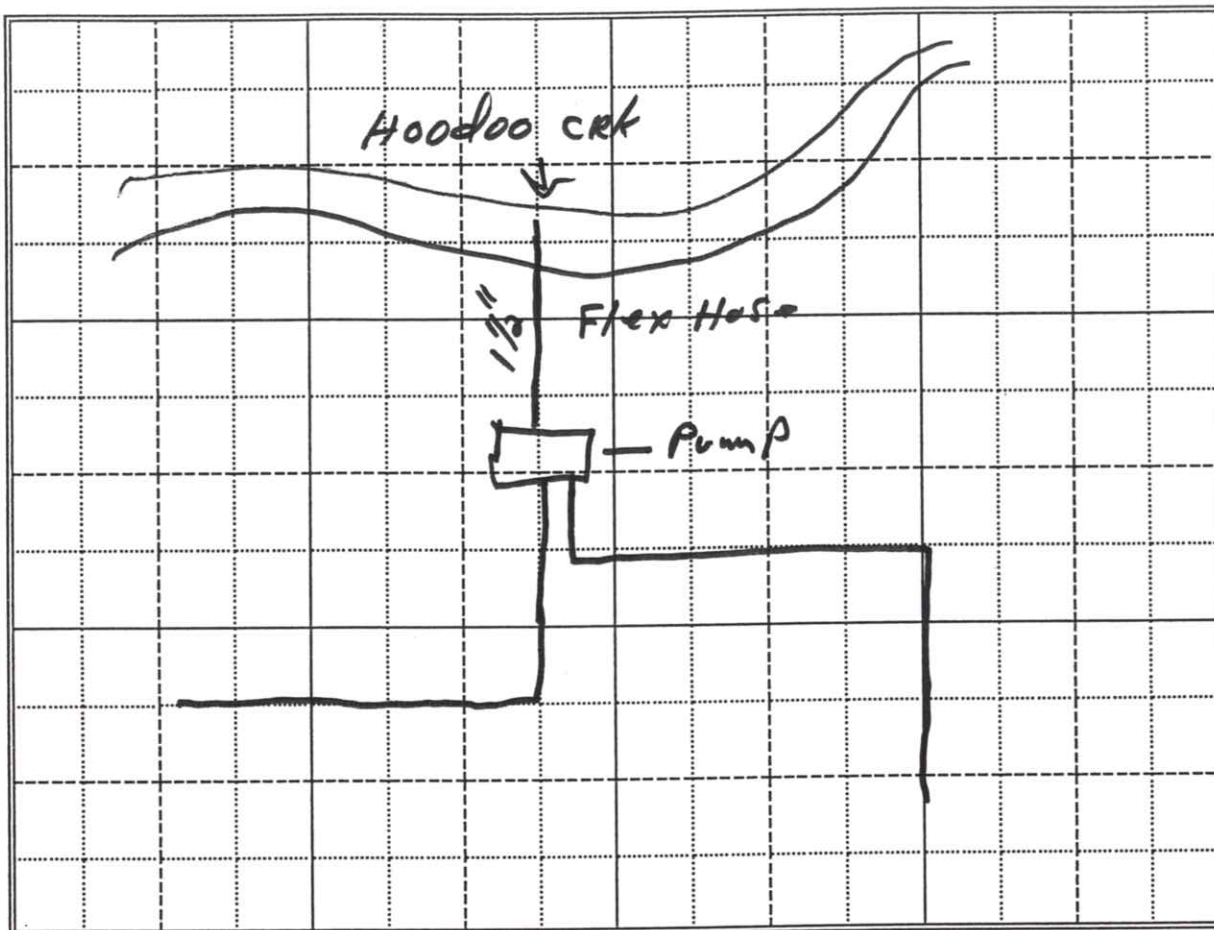


[illegible]

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
	?	?	?	?	1
Pump is GAS Powered No Legible Nos. ARMY SURVIVUS 60s U1A9-C					

*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: _____

96-9139



0.03 0 0.03 0.06 Miles

 Bonner taxlots
 GCDB55N04W GCDB
 Permit POD





E. NARRATIVE/REMARKS/COMMENTS

System consist of 1 1/2" line in creek to a pump (gas powered army surplus) then a 1 1/2" main line runs around property. 5/8" hose attaches the sprinklers to the trunk. 3 sprinklers are used. Each running at 12 gpm

Have conditions of permit approval been met? yes ___ no

F. FLOW CALCULATIONS

Measured Method:

Additional Computation Sheets Attached

5 gal bucket
5 gal in 25 sec. (each head)
$$= \frac{129 \text{ PM} \times 1.33681}{60} = .026 \text{ (each head)}$$
$$.026 \times 3 = .078 = .08 \text{ cfs}$$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 10 \times 3 = 30$
 $V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = .08 \times 213 \times 1.9835 = 33.7$
 $V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 30$

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	.08	30
Totals:			.08	30

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 Baldwin Date 8-7-07

Reviewer [Signature] Date 8/15/17

SEAL