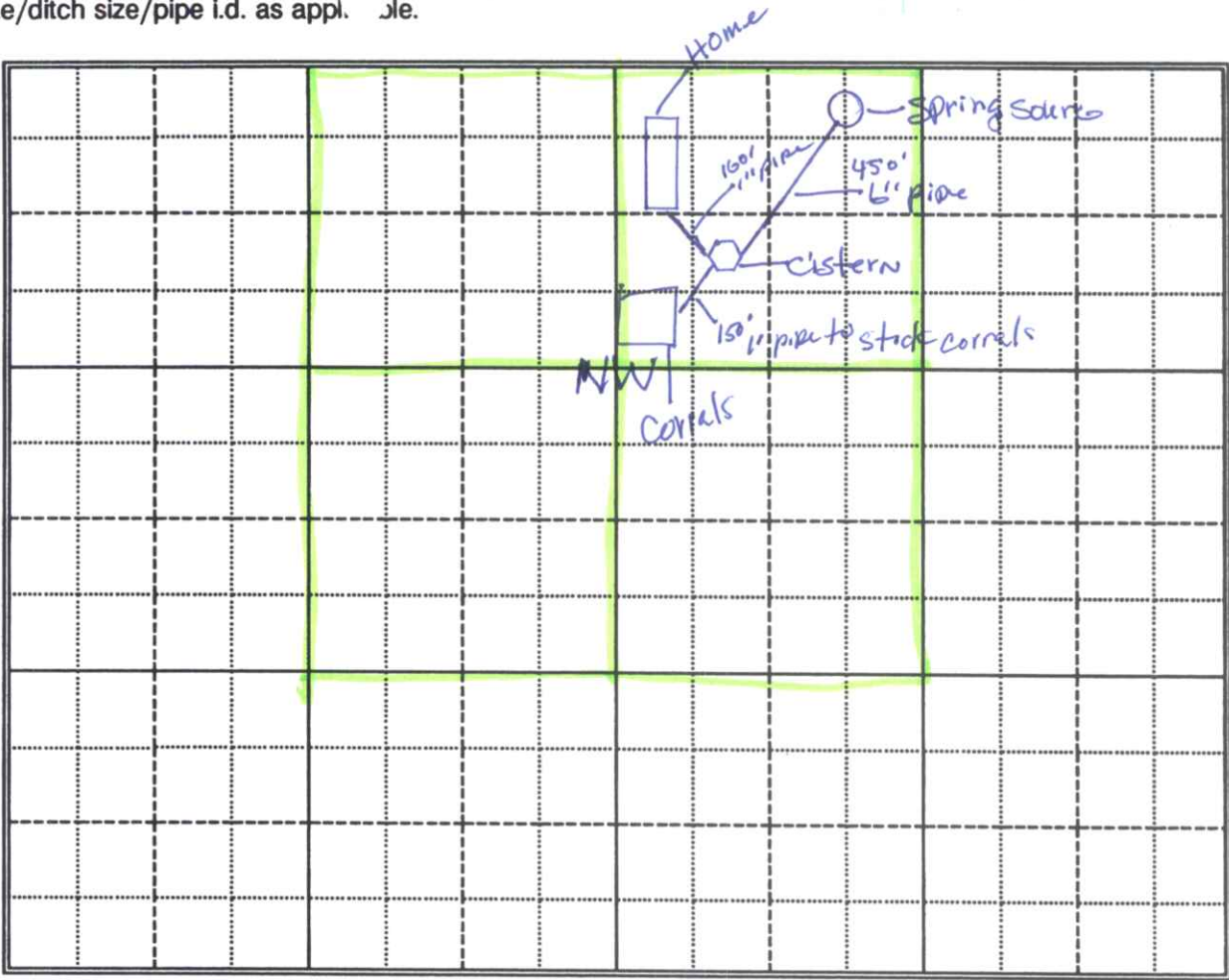


3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable.



Scale: 1" = Not to scale

____ 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: measurement taken with 5gal. bucket and stopwatch

E. NARRATIVE/REMARKS/COMMENTS

1) system consists of buried 10' perforated pipe in a spring source. Approx 450' of 6" pipe runs to a 6'x8' foot buried concrete cistern with a 1 hp booster pump to supply domestic water to home through approx 100' of 1" pipe and also supplies stockwater to stock corrals through approx 150' of 1" pipe.

2) measurement was taken at a frost free hydrant located west of permit holder's home.

3) cgs file name CS7244

4) aerial photo included

5) photo of pond + cistern

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

F. FLOW CALCULATIONS

____ Additional Computation Sheets Attached

Measured Method:

5 gallon bucket + stopwatch

measurement #1 5gal in 8.53 seconds
 measurement #2 5gal in 8.58 seconds = .08 cfs
 measurement #3 5gal in 8.54 seconds

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

 $V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{\hspace{2cm}}$
 $V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = \underline{\hspace{2cm}}$
 $V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = \underline{\hspace{2cm}}$

2. Volume Calculations for Other Uses:

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (ata)
	From	To		
Domestic	01/01	12/31	.04 cfs	
Stock	01/01	12/31	.04 cfs	
Totals:			.08 cfs	

2. Recommended Amendments

___ Change P.D. as reflected above ___ Add P.D. as reflected above 2 None
 ___ Change P.U. as reflected above ___ Add P.U. as reflected above ___ Other

I. AUTHENTICATION
 Field Examiner's Name Bob Foster Date 8/16/07

Reviewer _____ Date _____

SEAL



74-7387 Spring source with buried perforated pipe. 07/24/07



74-7387 Buried 6 foot by 8 foot cistern with 1 hp pump. 07/24/07



74-7387 GPS of 700

cs7244.txt
type,ident,lat,long,y_proj,x_proj,comment,display,symbol,unused1,dist,prox_index,col
or,altitude,depth,wpt_class,sub_class,attrib,link,state,country,city,address,facilit
y,crossroad,unused2,ete,dtype,model,filename
WAYPOINT,CS7244,44.63604486,-113.41036613,1492913.73816549,2546765.44413146,24-JUL-0
7
10:59:05AM,0,8284,0,0,0,31,6456,0,0, ,112, , , , , , ,0,-1,1,GPSMap60C,