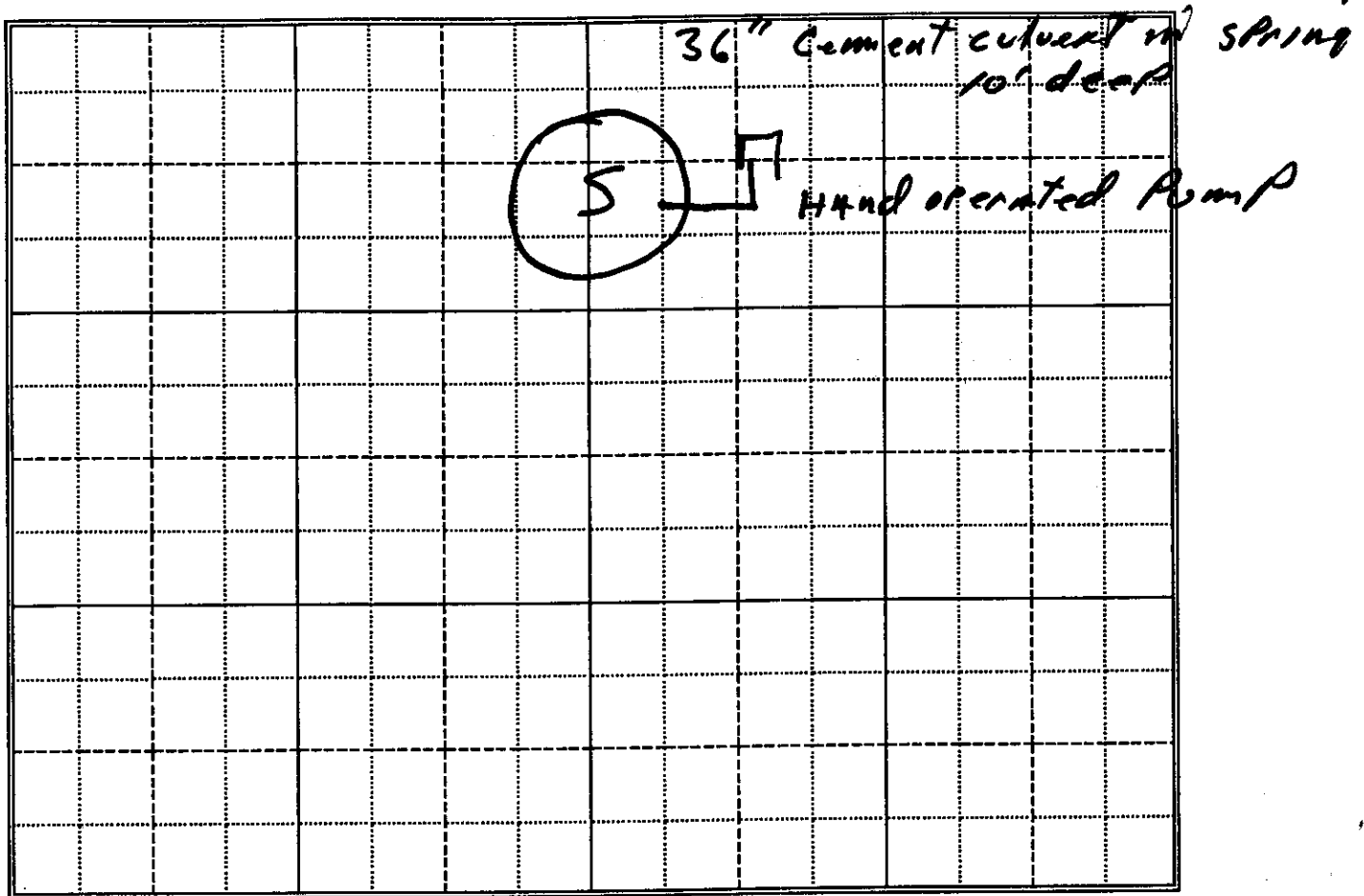


[illegible]

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 Quadrange 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
	MANUAL			Pitcher Pump	

*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

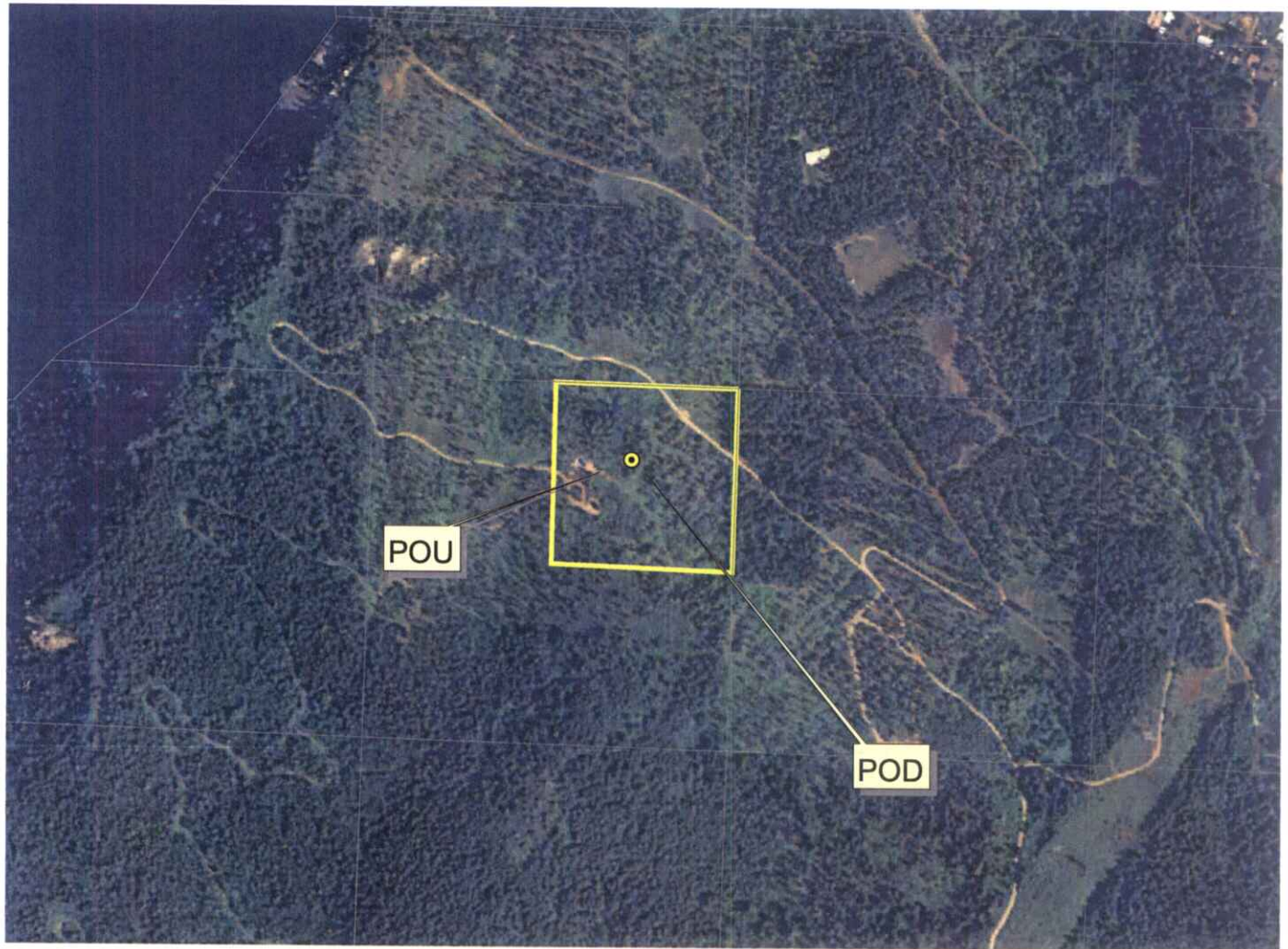
2. Measurements: _____

MEMORANDUM

Date: December 04, 2006
To: Water Right File 96-9159
From: kfranklin
Re: Field Report Narrative

The diversion rate from the spring was adjusted from 0.02 cfs to reflect the actual measured flow of 0.01 cfs utilizing the 5-gallon bucket method. Spring development consists of 36-inch diameter cement rings placed 10 feet deep. A hand operated pump is used to pump water into 5-gallon buckets and hauled to the house. At the time of the field exam there was no out flow at the spring, so the pump rate was used to determine the diversion rate.

96-9159



- Bonner taxlots
- GCDB53N01W GCDB
- Foster.shp
- Pou.shp
- Pod.shp
- Administrative BasinsAdminbas.shp





pd



pd



pu

96-09159
Herrin

T 54 N.

Cape Horn

L A K E
P E N D
O R E I L L E
SPILLWAY 2062

96-09159
HERRIN

Graham Point

Cement 2

Lakeview
(BM 2266)

Vulcan

Vulcan Mine

North

2

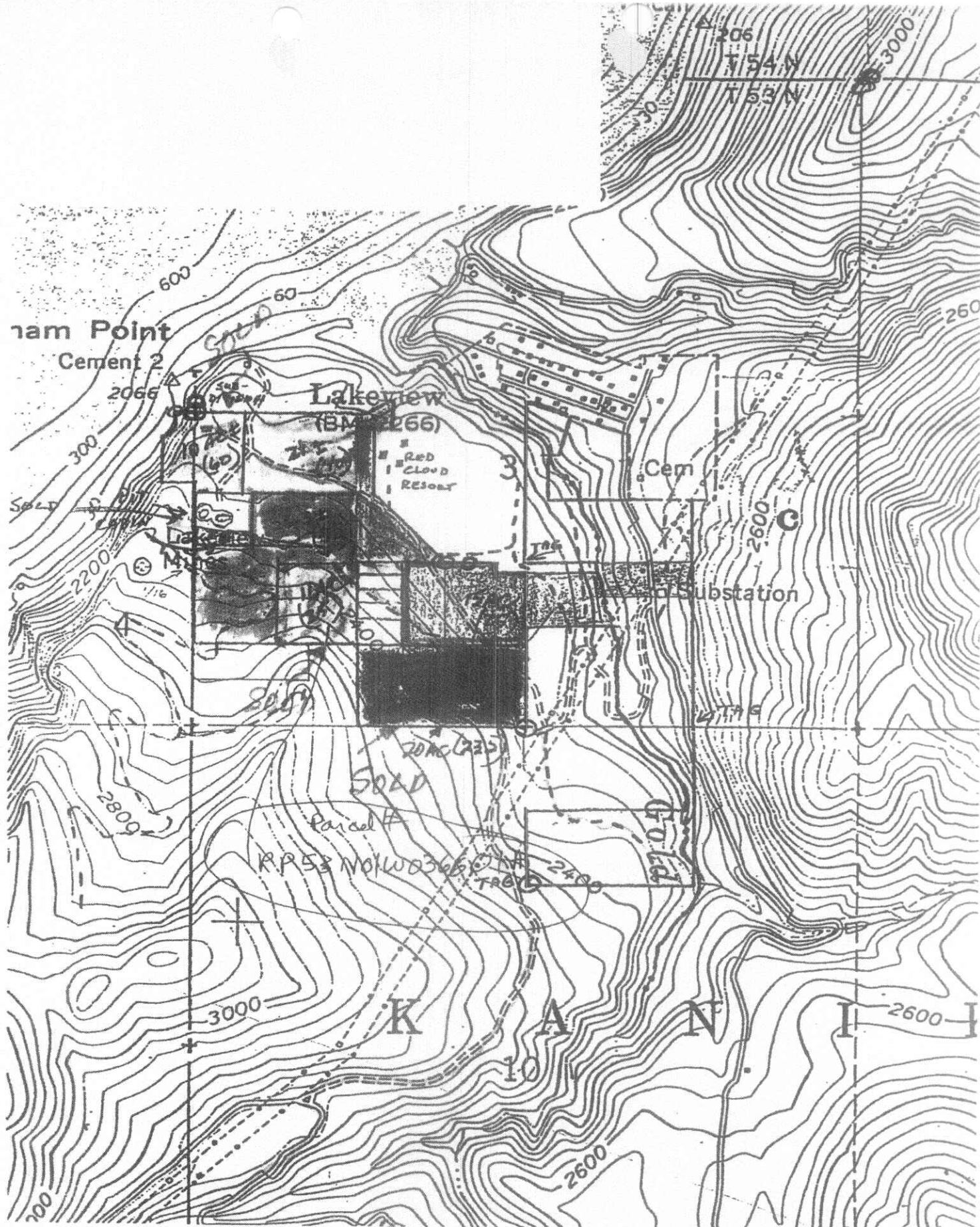
Gold

Cheer

Kick

 S_1

BUST



T53N,R1W SEC.03

PEND OREILLE LAKE

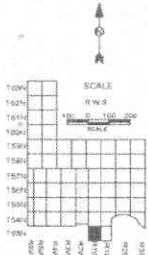
U. S. GOVERNMENT

LAKEVIEW

U. S. A.

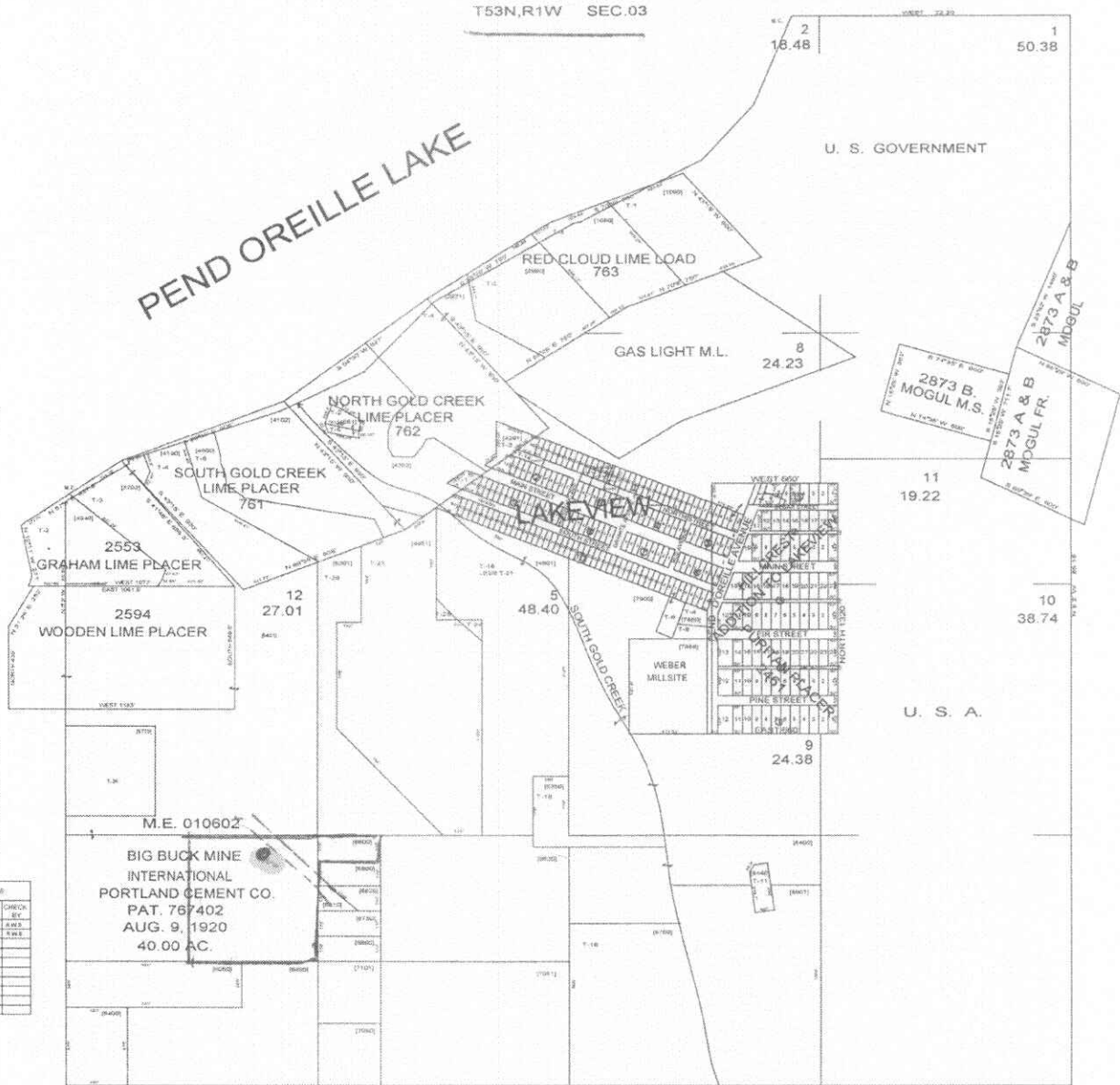
THIS DRAWING IS TO BE USED FOR
REFERENCE PURPOSES AND THE
COUNTY IS NOT RESPONSIBLE FOR
ANY INACCURACIES HEREIN CONTAINED.

BONNER COUNTY



1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30
31	32	33	34	35	36

DATE	BY	DATE	BY
DESIGN	REV	DATE	REV
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9
10	10	10	10



• point of diversion

MICROFILMED

JUN 16 2004

E. NARRATIVE/REMARKS/COMMENTS

Spring development consist of 36" dia cement rings 10 ft deep. A hand operated pump. Water is pumped into 5 gal buckets and hauled to house nearby.

There was no overflow measurable at spring. So pump rate is used for div rate.

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

F. FLOW CALCULATIONS

Additional Computation Sheets Attached

Measured Method:

5 gal bucket.

5 gal in 1 min

$$\frac{5 \text{ gal} \times 1.33681}{60} = .01 \text{ cfs}$$

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:

Domestic : 0.6 AF in-house use
 0.6 AF irrigation
 1.2 AF Total

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Domestic	01-01	12-31	.01	1.2
Totals:			.01	1.2

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. AUTHENTICATIONField Examiner's Name Wayne Baldwin Date 7-6-06Reviewer Keith Franklin Date 12/4/06

SEAL