

FEB 17 2006

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

**DEPARTMENT OF
WATER RESOURCES**

A. GENERAL INFORMATION

Permit No. 96-09173

1. Owner: Kent M. Bogard Phone No. 954-527-5053

Current Address: 1609 SW 5 Court Fort Lauderdale FL 33312

2. Accompanied by: Kent Bogard EXAM DATE: 5-19-05

Address: Same as above Phone No. _____

Relationship to Permit Holder: owner

Relationship to Permit Holder: _____

3. Source: Spring tributary to Link

B. OVERLAP REVIEW

1. Other water rights with the same place of use: _____

2. Other water rights with the same point of diversion: _____

C. DIVERSION AND DELIVERY SYSTEM

1. Point(s) of Diversion:

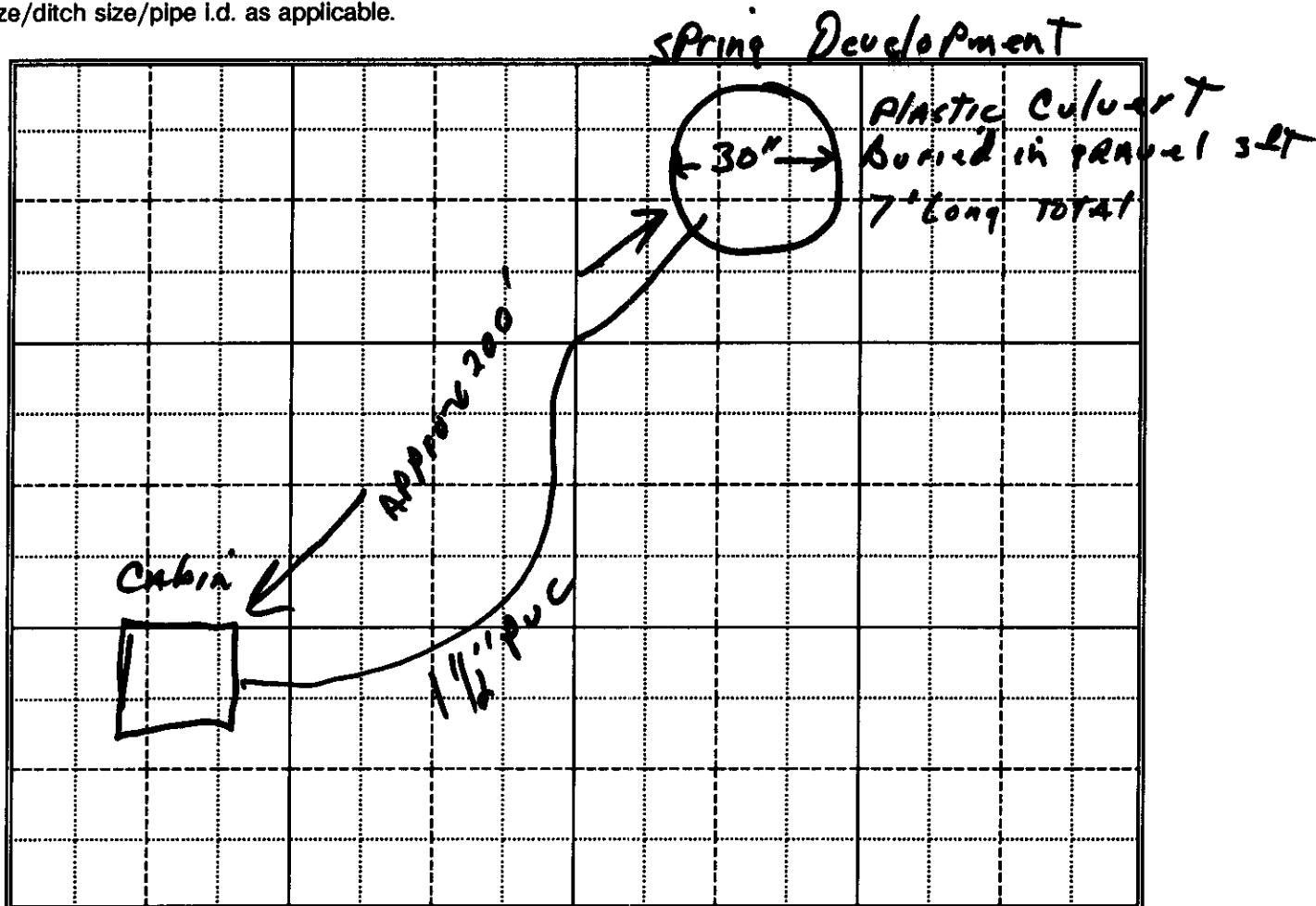
[illegible]

2. Place(s) of Use:

Indicate Method of Determination

[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
	GRAVITY				

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

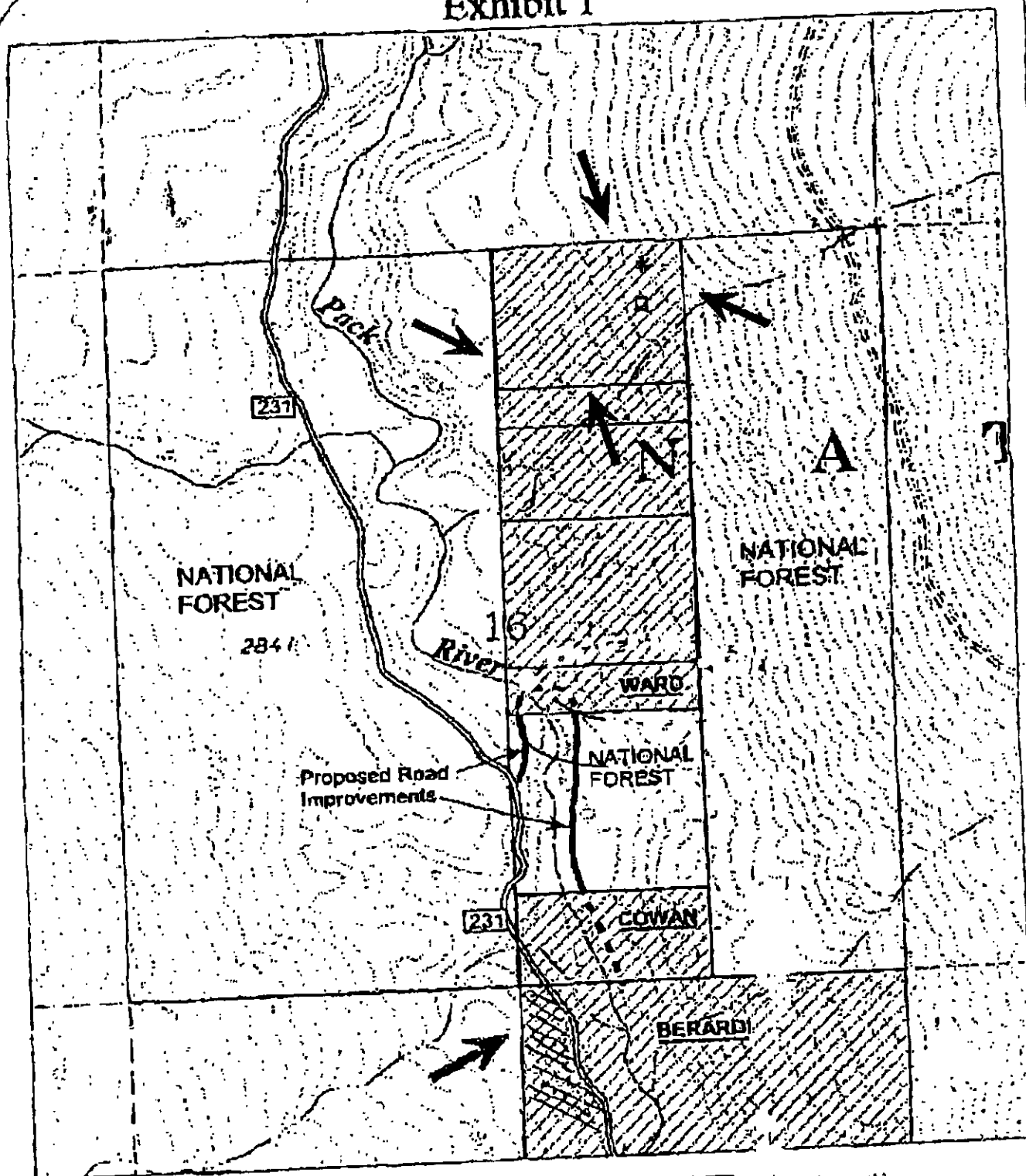
D. FLOW MEASUREMENTS

1.

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

2. Measurements: _____

Exhibit 1



Berardi
ROAD IMPROVEMENT PROPOSAL

Located in
Section 16 T60N, R1W
Boundary County, Idaho

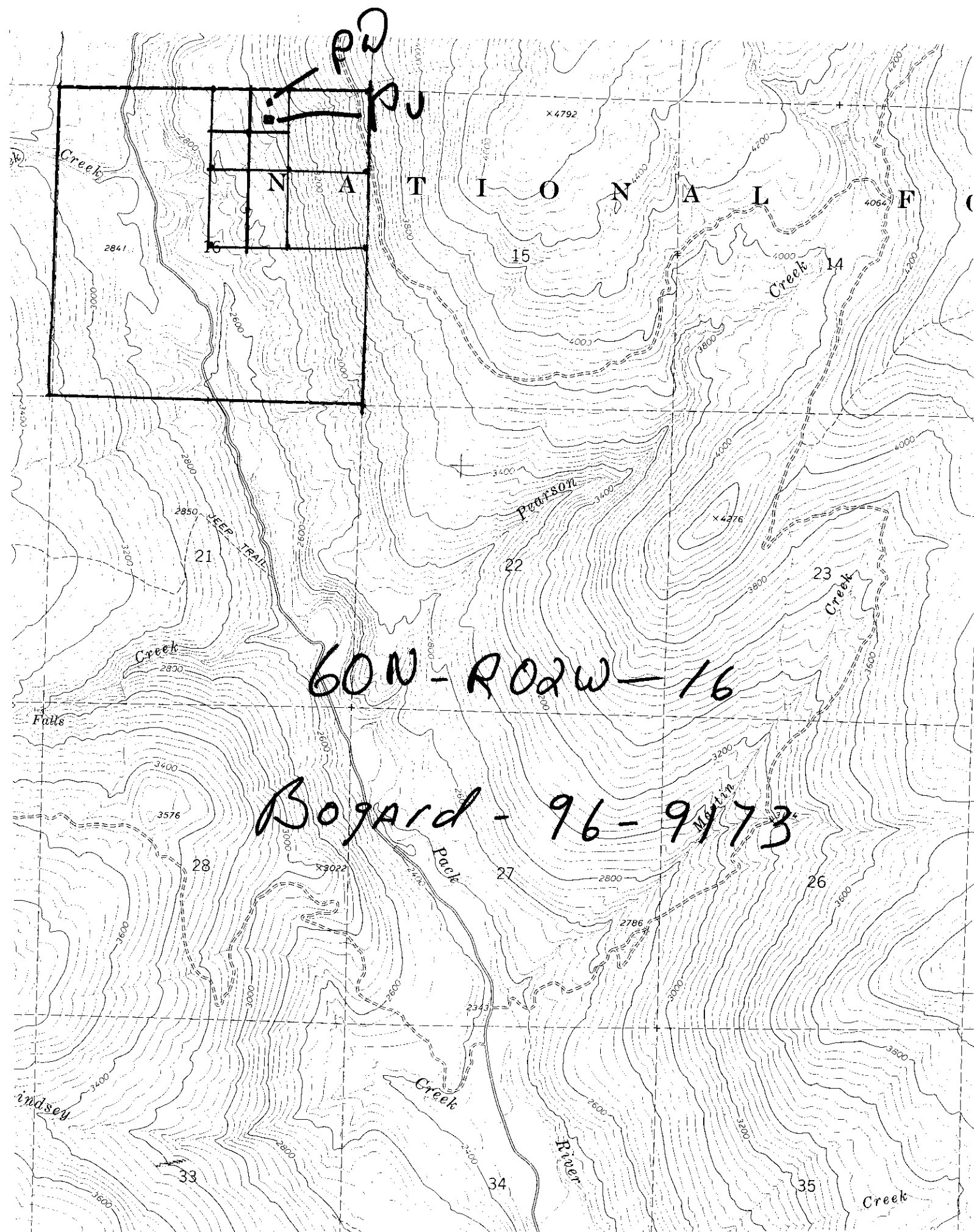
* Spring
□ Cabin
Kent Bagard
30 Acres

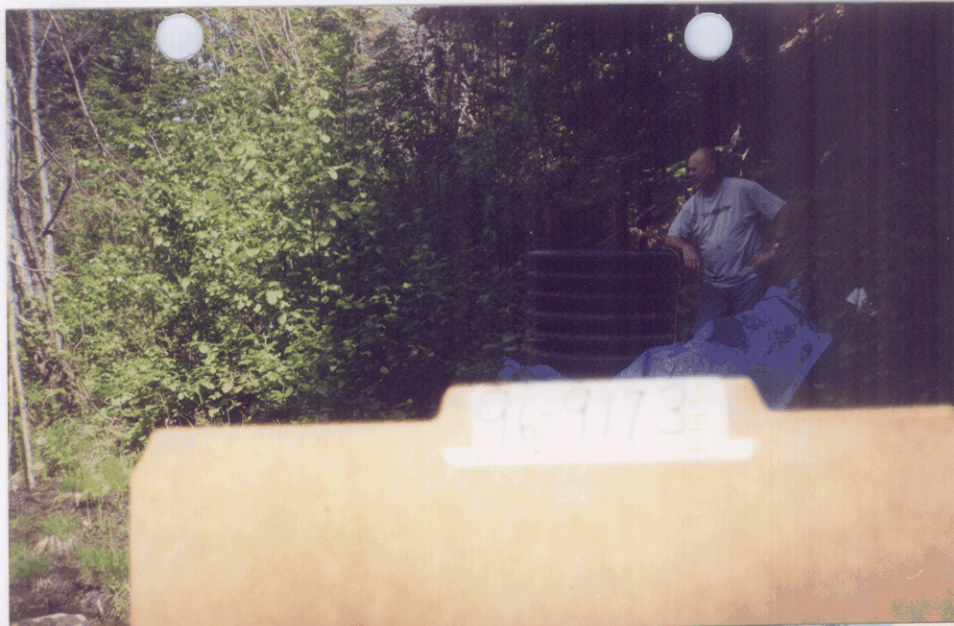
▨ = Other Ownership

0 500 1000 1500 Feet

SOURCE: USGS 7.5 Minute Quadrangle
Dodge Peak
PROJECTION: UTM Zone 11
DATUM: NAD 27

V. Clay
6-7-2001





AD



PV

96-09173

Bogard

E. NARRATIVE/REMARKS/COMMENTS

at time of exam there was no overflow. There was very little snow pack this year. Mr. Bogard told me that in the past they had drawn it out and they timed the recharge, it takes 2 hrs for it to fill. When full there is 5' of water in culvert. I used this information to calculate rate.

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

F. FLOW CALCULATIONS

Measured Method:



$$\pi R^2 h = \text{Volume}$$

$$\pi (15'')^2 (60'')$$

$$\pi (225'')^2 (60'') = 42411.5''^3$$

$$42411.5''^3 \times 0.004329 = 183.6 \text{ gal}$$

Additional Computation Sheets Attached

Recharge took 2 hrs To Recharge 183.6 gal

$$\frac{183.6 \text{ gal}}{120 \text{ min}} = 1.53 \text{ gpm}$$

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		
Domestic	01-01	12-31	.01	1.2
Totals:				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. AUTHENTICATION

Field Examiner's Name Wayne Baldwin Date 6-27-05

Reviewer Brian E. Franklin Date 1/31/06

SEAL