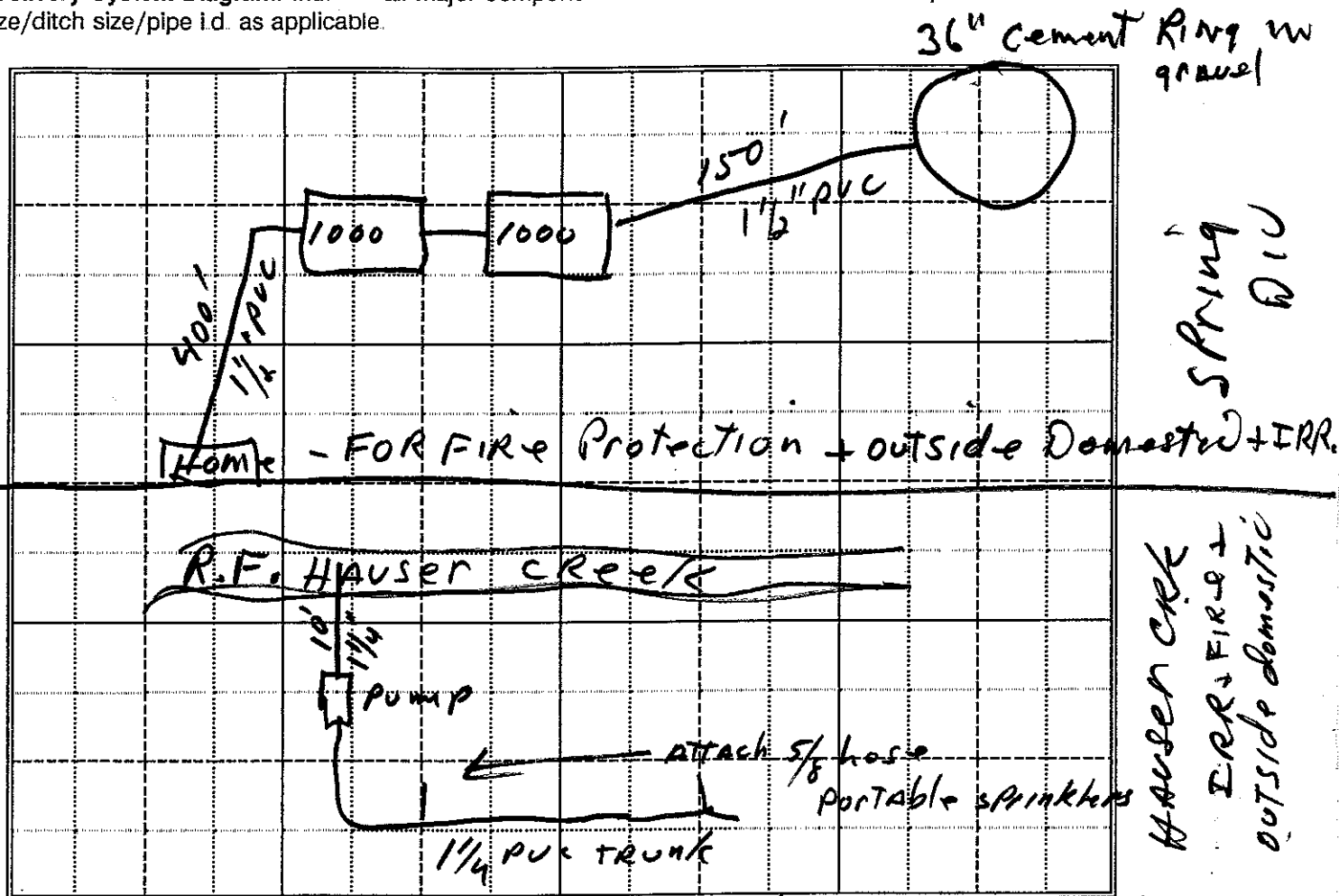


[illegible]

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate well 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
	Grundfos	0.5	JPF3-A	Grundfos	1 1/4"

*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

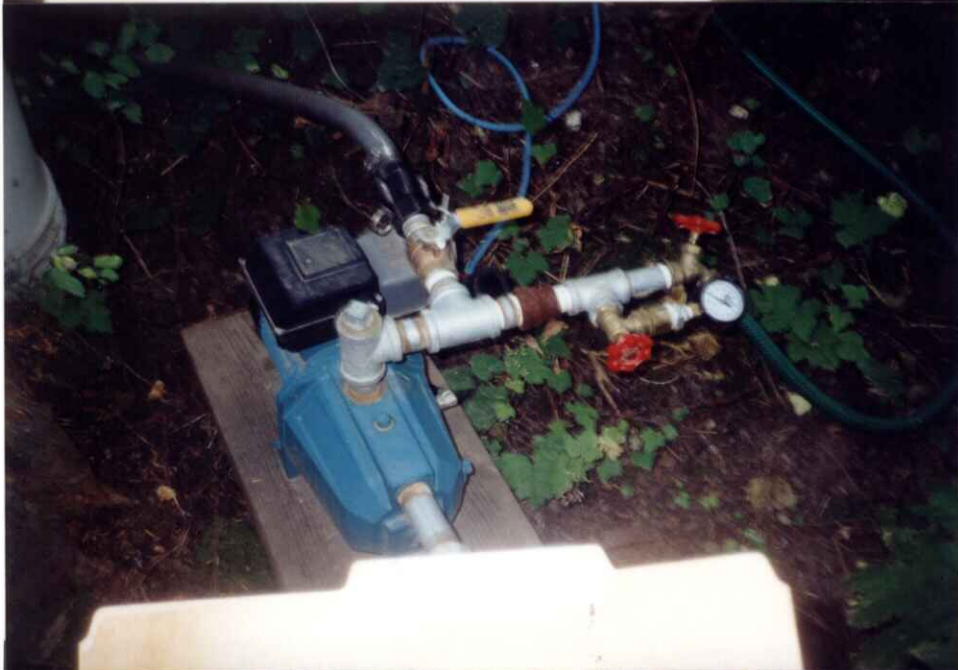
Date: January 05, 2007
To: Water Right File 95-9182
From: kfranklin
Re: Field Report Narrative

The field examiner determined there are two separate systems and diversions being utilized. The diversion rate of both were combined for a total diversion of 0.02 cfs.

Conditions of the permit have been met, however, the acreage and diversions were adjusted to reflect actuals.



crk
Div



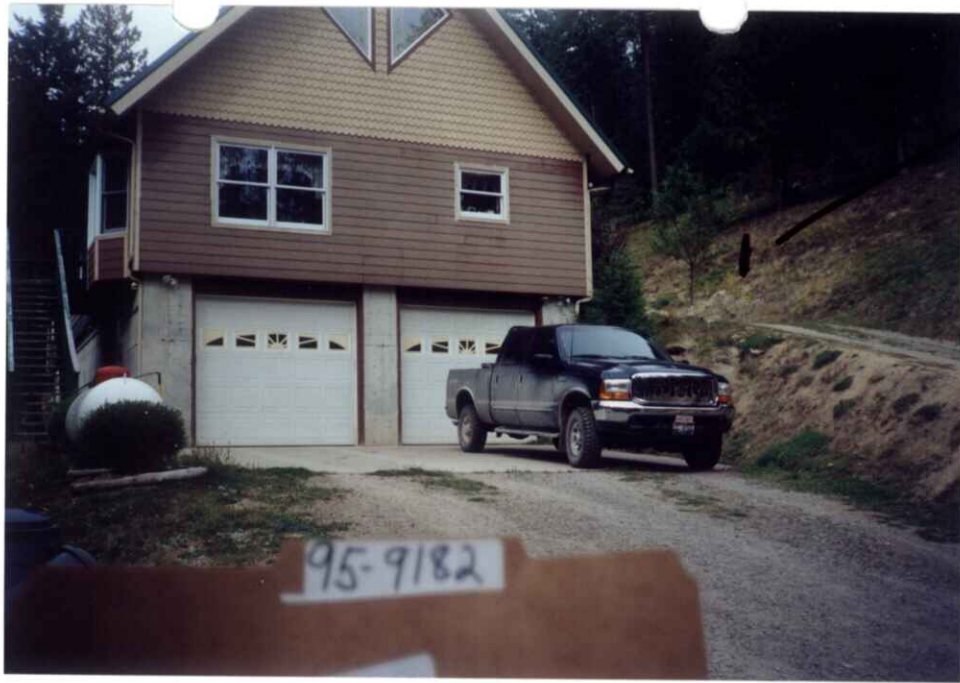
Pump



pu

95-09182
D.192

95-9182

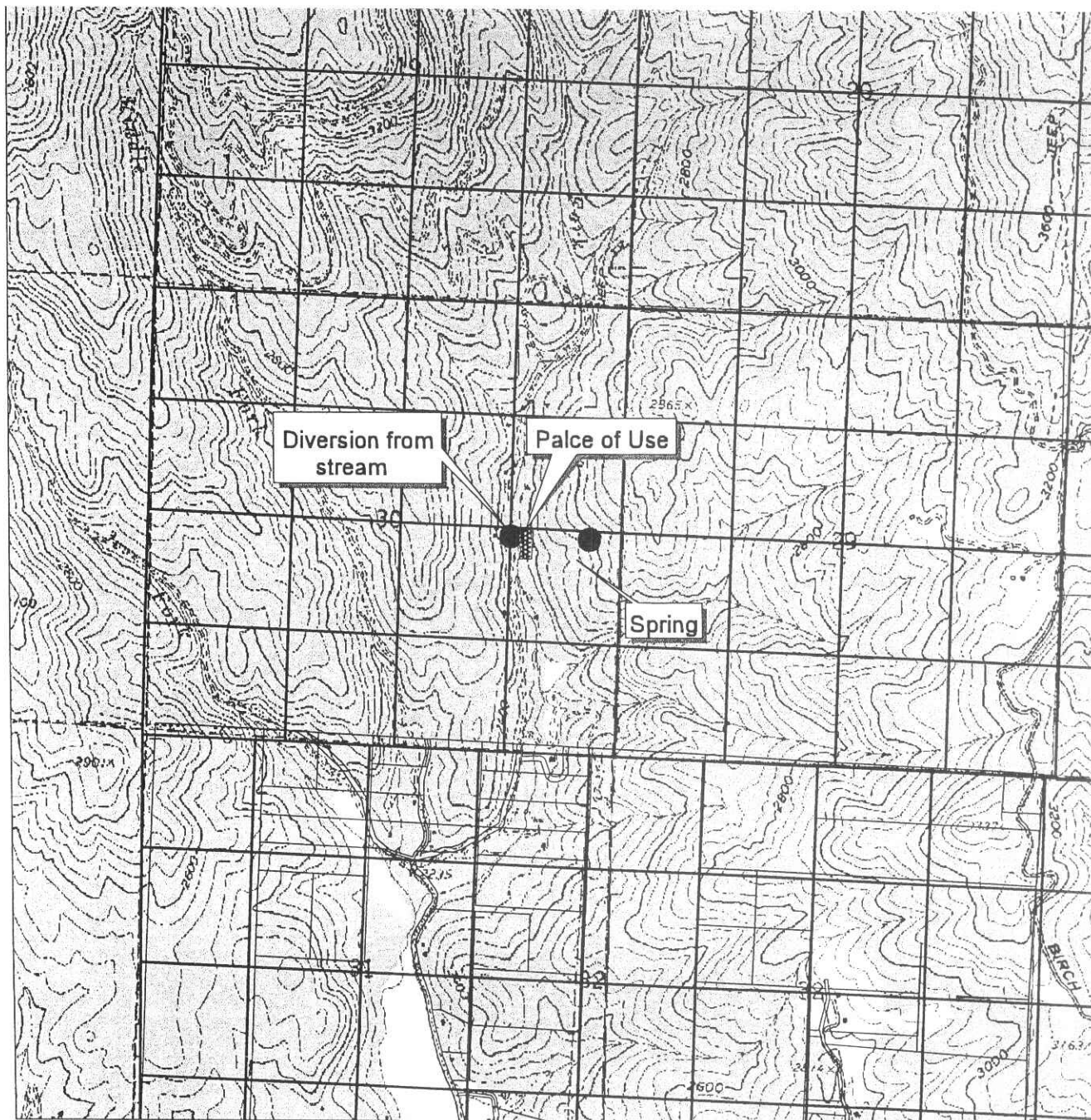


- Spring
Div. Hydrant

PV

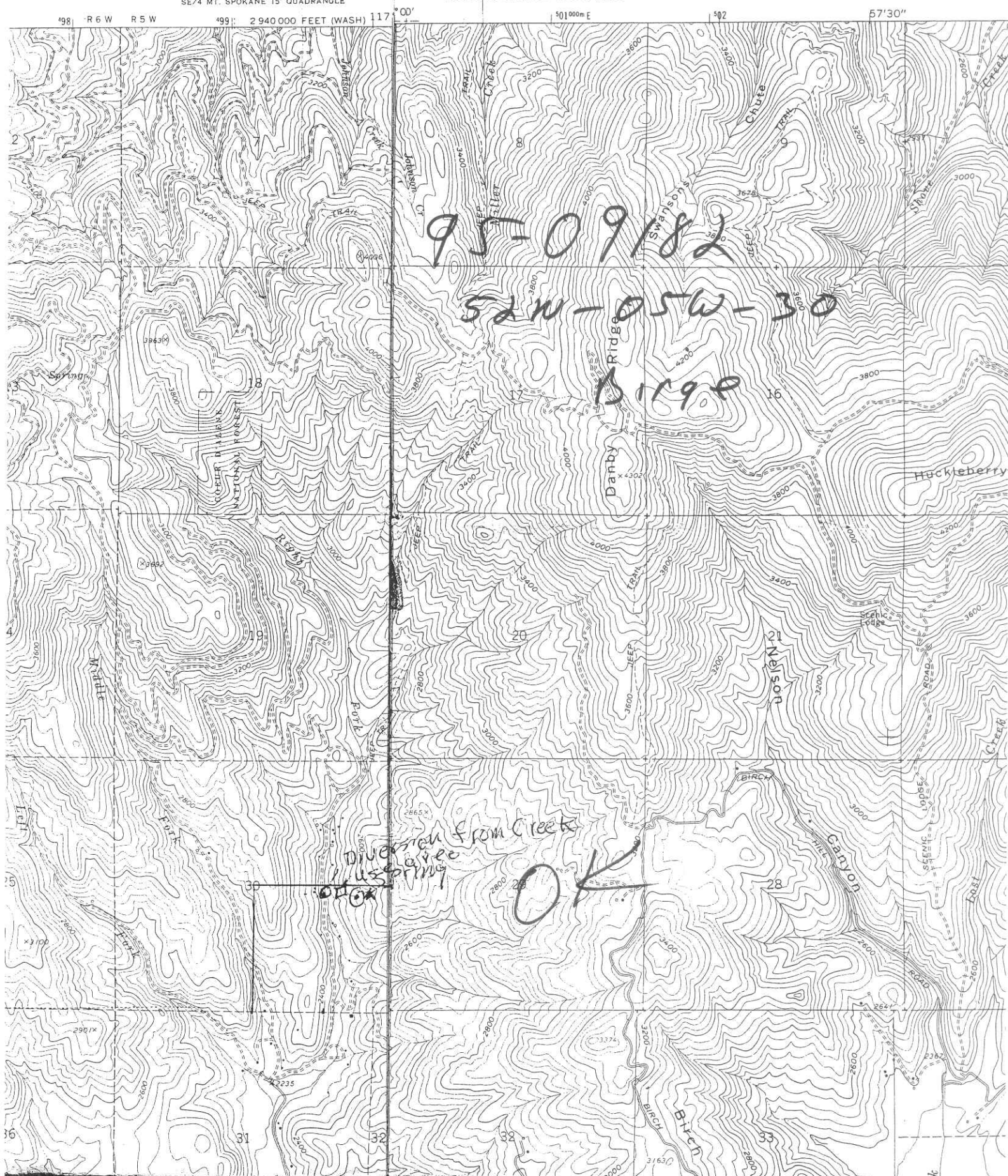
95-01982
Birge

Parcels011001.shp
Quad IndexQuadcov.shp
T52n05w.shp

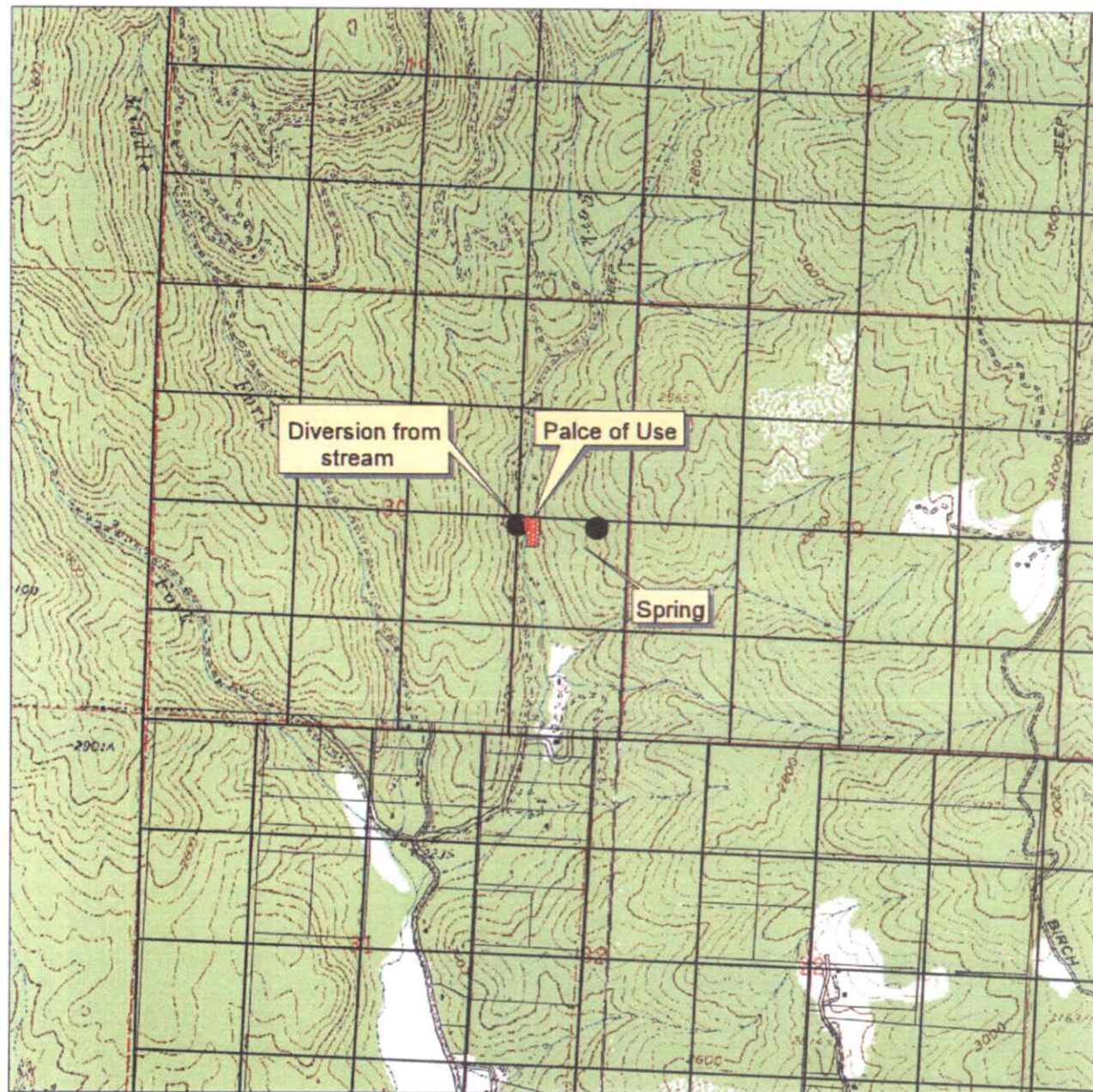


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

www.



Parcels011001.shp
Quad IndexQuadcov.shp
T52n05w.shp



MICROFILMED
APR 05 2004

E. NARRATIVE/REMARKS/COMMENTS

Two separate systems + diversions
are used. The rate of diversion of both
were combined for a total Div. 02

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

F. FLOW CALCULATIONS

Additional Computation Sheets Attached

Measured Method:

5 gal bucket Spring dri: 5 gal in 5 min = 1 gpm
Creek dri: 5 gal bucket 5 gal in 30 sec = 10 gpm

TOTAL 11 gpm

$$\frac{11 \times 0.133681}{60} = 0.024 = 0.02$$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 1 \times 3 = 3$$

$$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = 0.02 \times 245 \times 1.9835 = 9.7$$

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} = 3$$

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		
Soil Protection	01-01	12-31	0.02	
Domestic (outside)	01-01	12-31	0.02	0.6
Irrigation	03-15	11-15	0.02	3
Totals:			0.02	3.6

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 9-30-05

Reviewer Bertie & Frank Date 1/31/06 1/6/07 KD

SEAL