

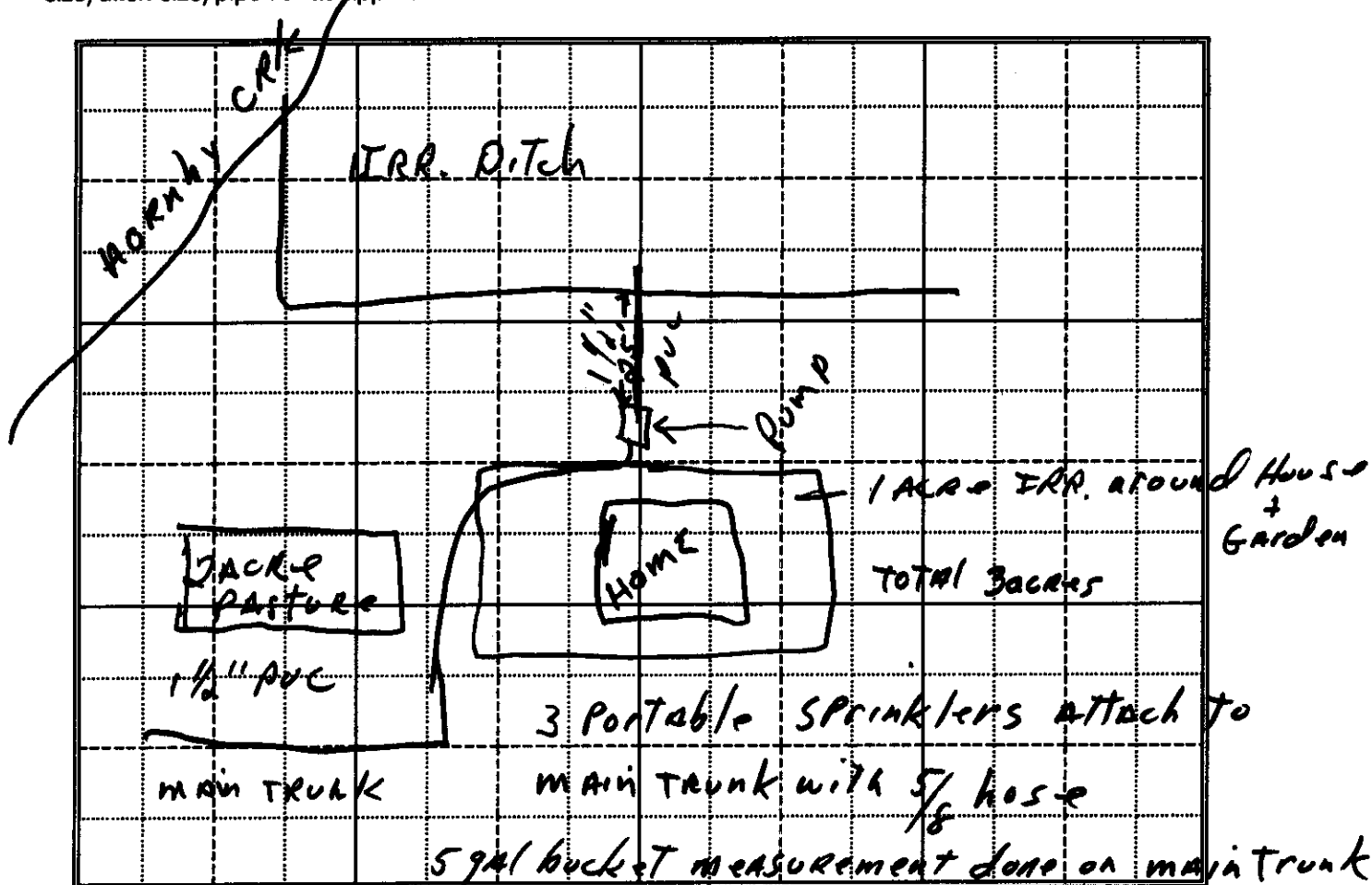
Permit No. 96-09138

3. Source: Hornby Creek tributary to Pend Oreille River

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

[illegible][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
	STARITE	.75	n/c	STARITE	1 1/2"

*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: _____

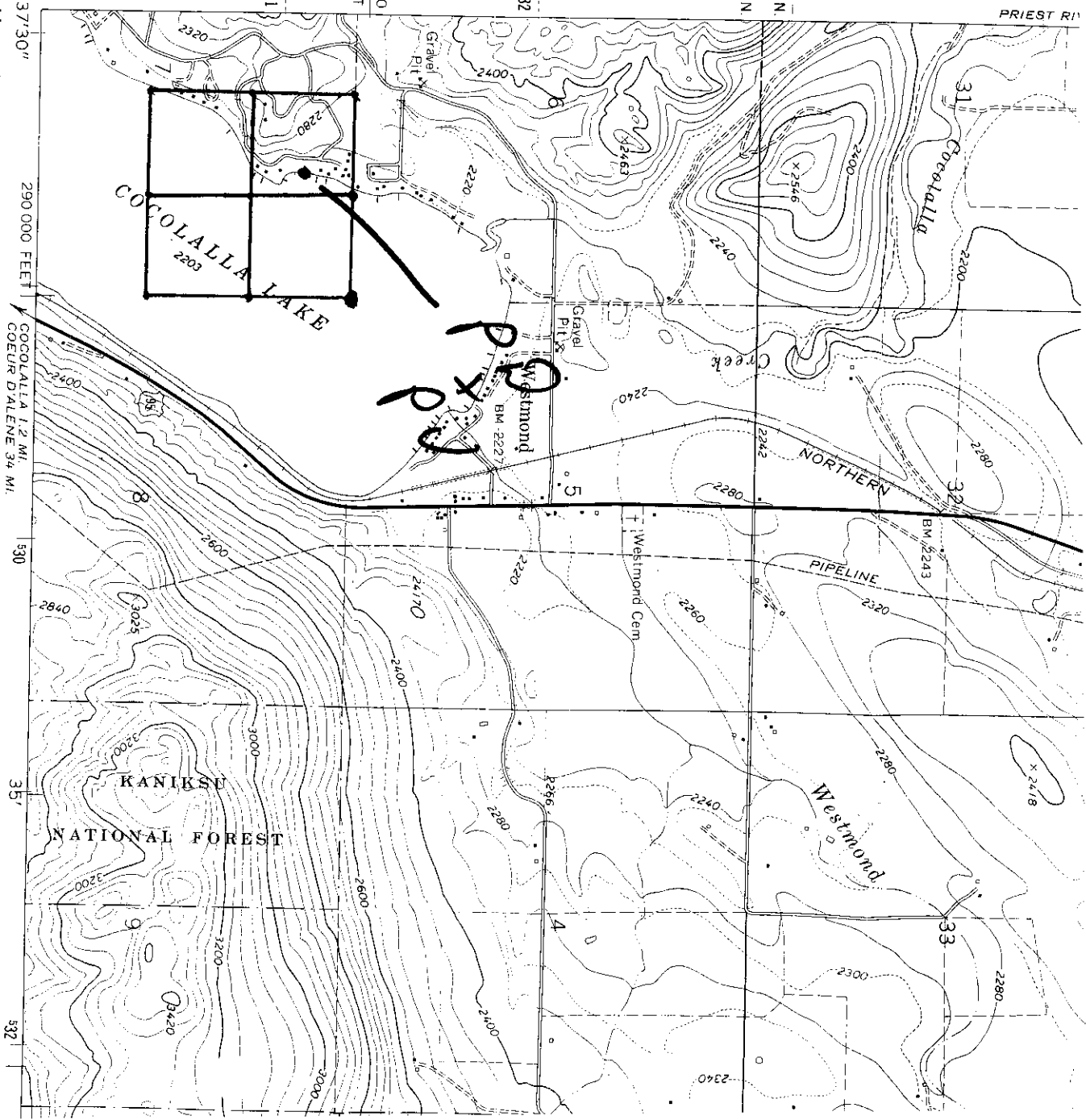
96-9183

NW-NE-07

T. 56 N.
T. 55 N.

2 360 000
FEET

48° 07' 30"
116° 37' 30"

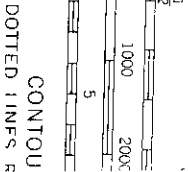
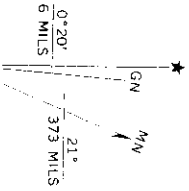


Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS

Topography by photogrammetric methods from aerial
photographs taken 1966. Field checked 1968

Selected hydrographic data compiled from USC&GS
Chart 6170 (1967)

This information is not intended for navigational purposes

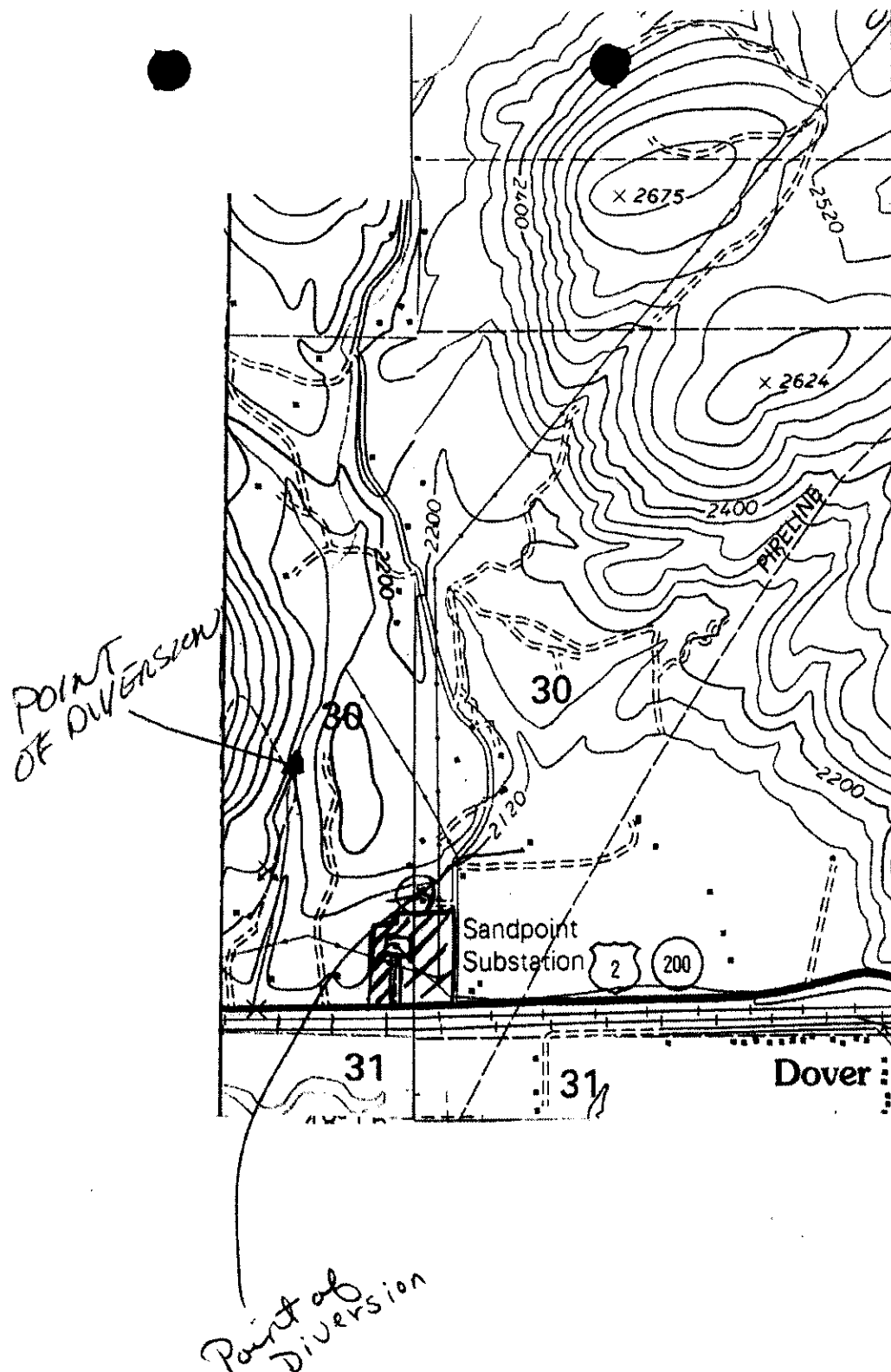


MEMORANDUM

Date: January 05, 2007
To: Water Right File 96-9138
From: kfranklin
Re: Field Report Narrative

Water is diverted from Hornby Creek through a system that is over fifty years old. Mr. and Mrs. Shobe do not own the diversion system or the conveyance ditch. They have permission from the owners to divert water from the ditch as it passes by their property. The diversion rate shown in the field examination is the rate the Shobes are utilizing.

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



NOTE TO FILE:
JUNE 06/09/03
SHOBE'S VISITED THE OFFICE
AND FINNISHED MARKING MAP
FOR P.O.D. & P.O.U.

MICROFILMED
DEC 03 2003

96-9138



0.1 0 0.1 0.2 Miles

-  Bonner taxlots
-  GCDB57N03W GCDB
-  GCDB57N02W GCDB
-  Foster.shp
-  Pou.shp
-  Pod.shp



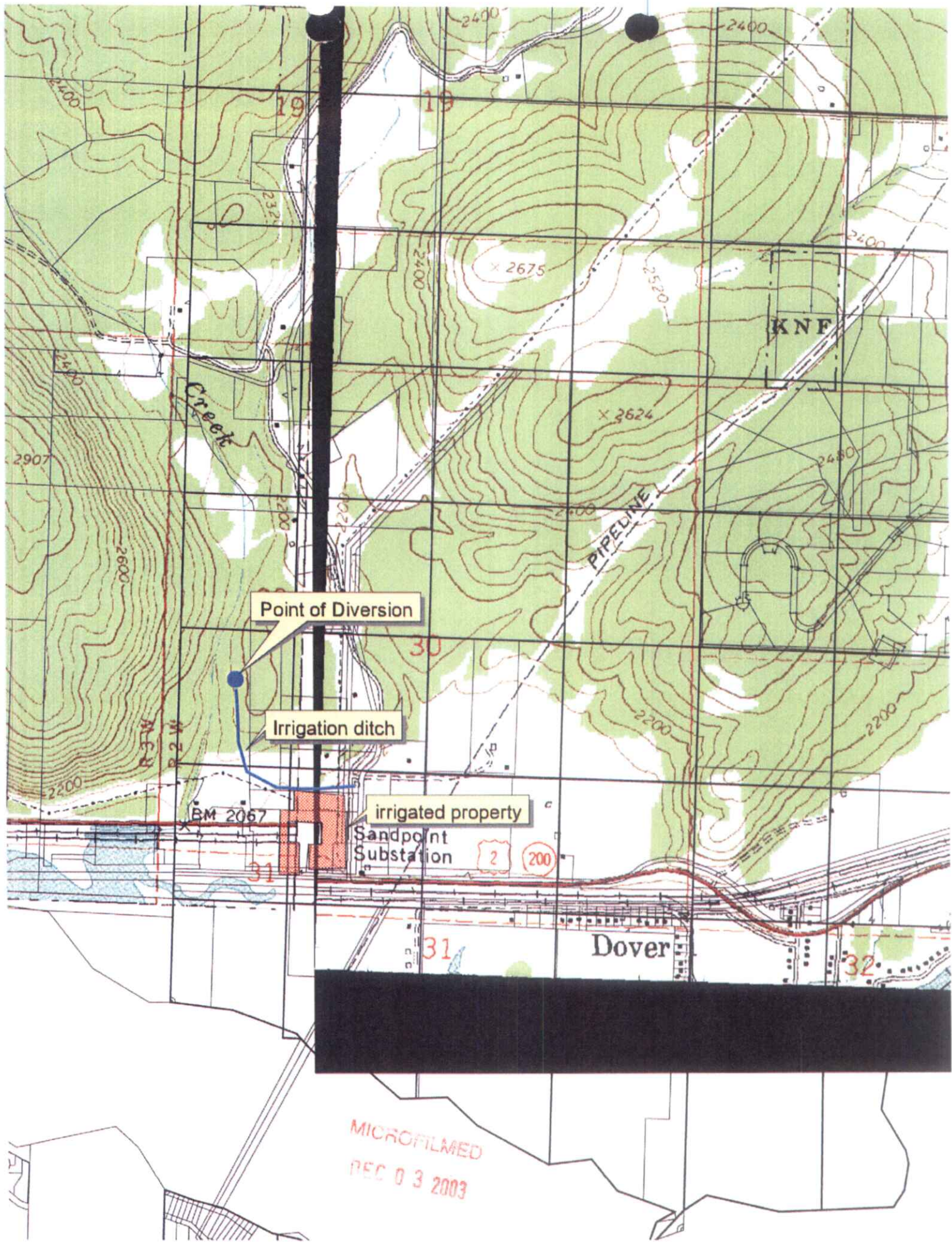
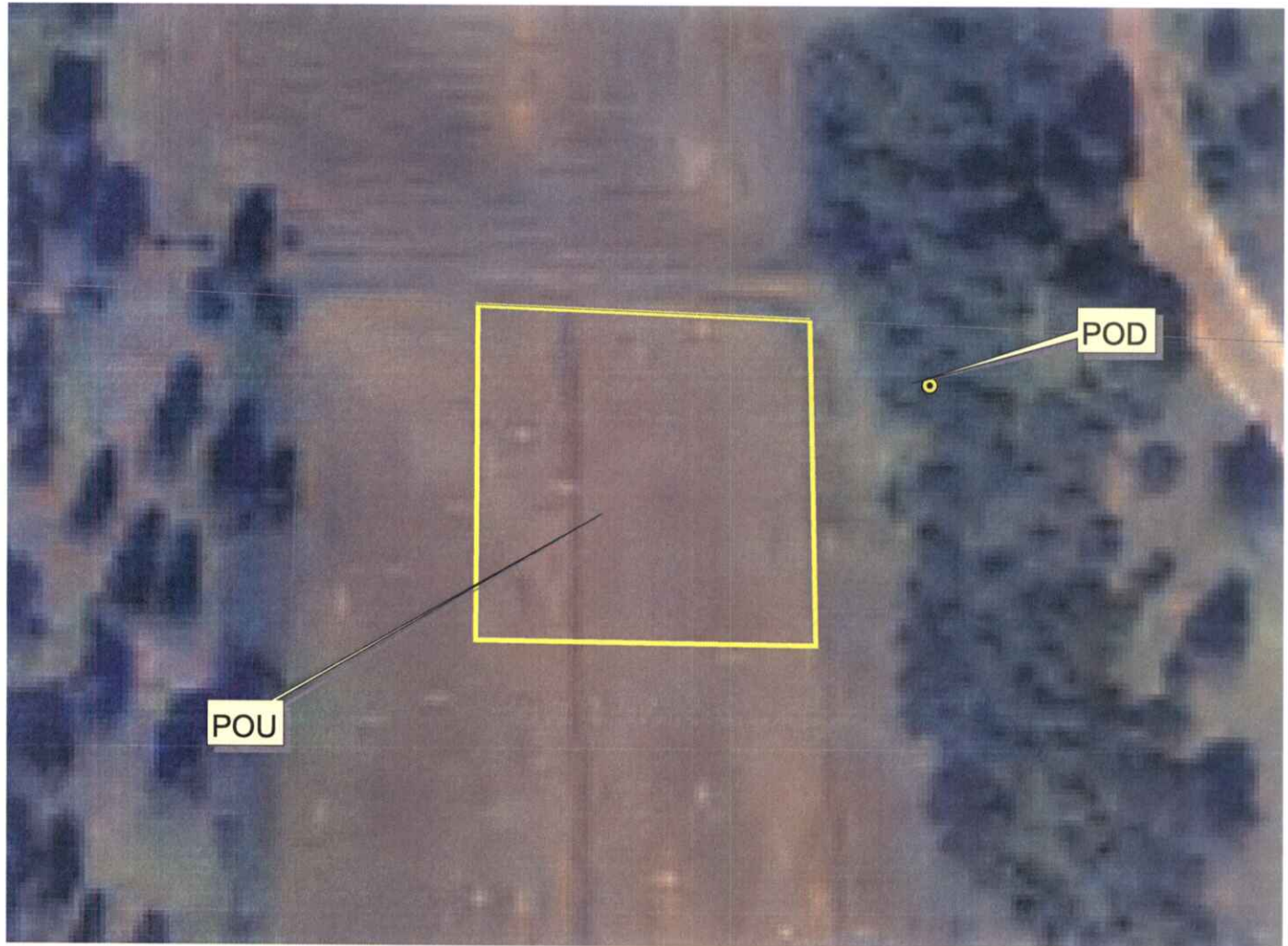




Photo of us



96-9178



-  Bonner taxlots
-  GCDB56N03W GCDB
-  Foster.shp
-  Pou.shp
-  Pod.shp
-  Administrative BasinsAdminbas.shp



E. NARRATIVE/REMARKS/COMMENTS

Water is diverted from Hornly creek through a diversion that is over fifty years old. Mr. & Mrs. Shobe do not own this diversion or the irrigation ditch. They have an agreement with the people who do own it to divert from the ditch as it passes their property. The diversion rate I show is what the Shobes are diverting

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 = 12 gpm

$$\frac{12 \times 1.33681}{60} = .026 = .03$$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 3 \times 3 = 9$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = .03 \times 213 \times 1.9835 = 12.7$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 9$$

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	.03	9
Totals:			.03	9

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 9-14-05

Reviewer Beth E. Franklin Date 11/31/06 1/5/07 KD SEAL