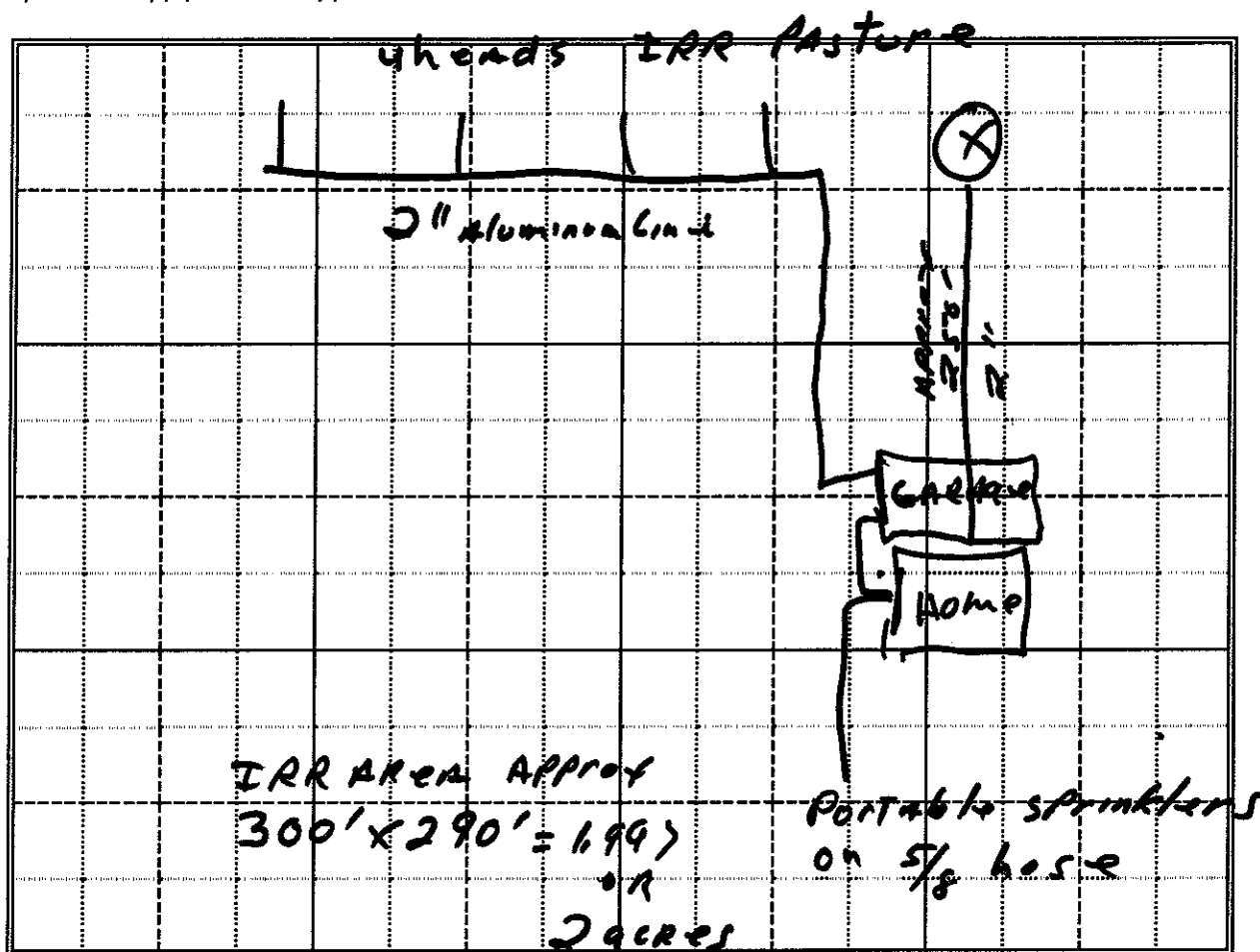


[illegible]

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
	Franklin	2	2823018100	Sub	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: _____

MEMORANDUM

Date: January 04, 2007
To: Water Right File 95-9156
From: kfranklin
Re: Field Report Narrative

The field examiner, Wayne Baldwin, performed a theoretical flow calculation, which was confirmed by the owner, Mr. Kiefer.

Conditions of the permit have been met

Krieger

95-09156



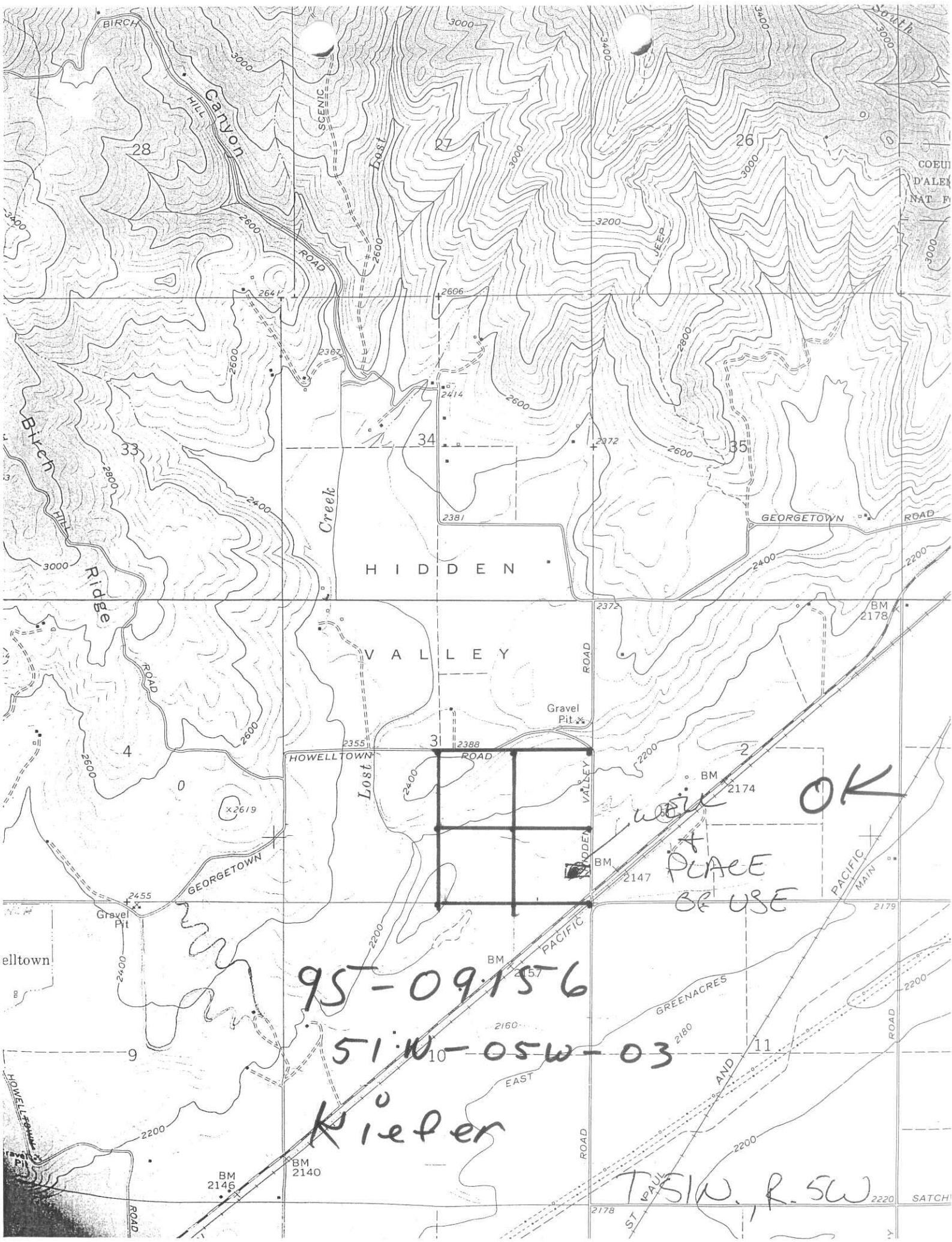
PD



PV



PV



95-09156

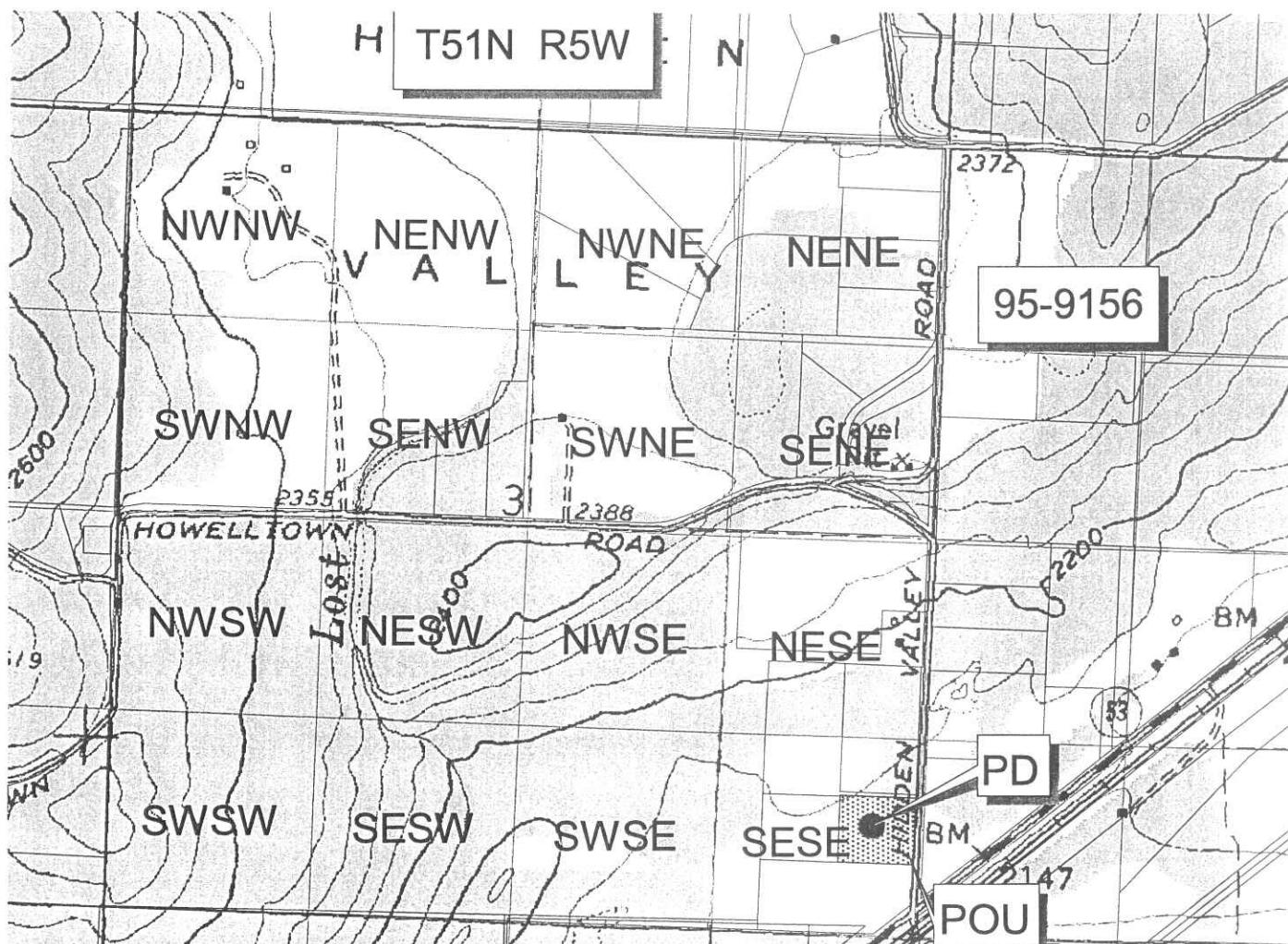
51W-05W-03

Kiefer

OK

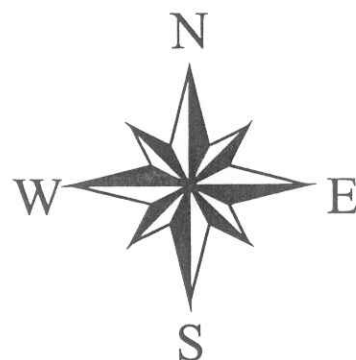
PLACE
BE USE

T. SW, R. SW



0.2 0 0.2 0.4 Miles

-  Parcels011001.shp
-  GCDB51N05W GCDB
-  Administrative BasinsAdminbas.shp



95-9156



0.05 0 0.05 0.1 Miles

-  Kootenai taxlots
-  GCDB51N05W GCDB
-  Foster.shp
-  Pou.shp
-  Pod.shp
-  Administrative BasinsAdminbas.shp



E. NARRATIVE/REMARKS/COMMENTS

I did a theoretical for measurement
I showed this to Mr. Kuper and he
confirmed that is what his well & pump
info says.

Have conditions of permit approval been met? yes no

F. FLOW CALCULATIONS

Measured Method:

Additional Computation Sheets Attached

$$\text{Theoretical } \frac{80.8(2)(.7)}{220 + (2.31 \times 30)} = \frac{12.32}{289.3} = .04 \text{ cfs}$$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 2 \times 3 = 6$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = .04 \times 245 \times 1.9835 = 19.4$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 6$$

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	.04	.6
Stock water	01-01	12-31	.02	.1
Irrigation	03-15	11-15	.04	6
Totals:			.04	6.7

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 5-3-06Reviewer Keith E. Smith Date 11/21/07

SEAL