

[illegible]

[illegible]

____ Copy of USGS Quadrangle Attached Showing location(s) of point(s) of diversion and place(s) of use (required).

 Photo of Diversion and System Attached

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
	Franklin	2	28230188110	Sub	1 1/2

D. FLOW MEASUREMENTS

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

2. Measurements: _____

95-09150

51N-05W-03

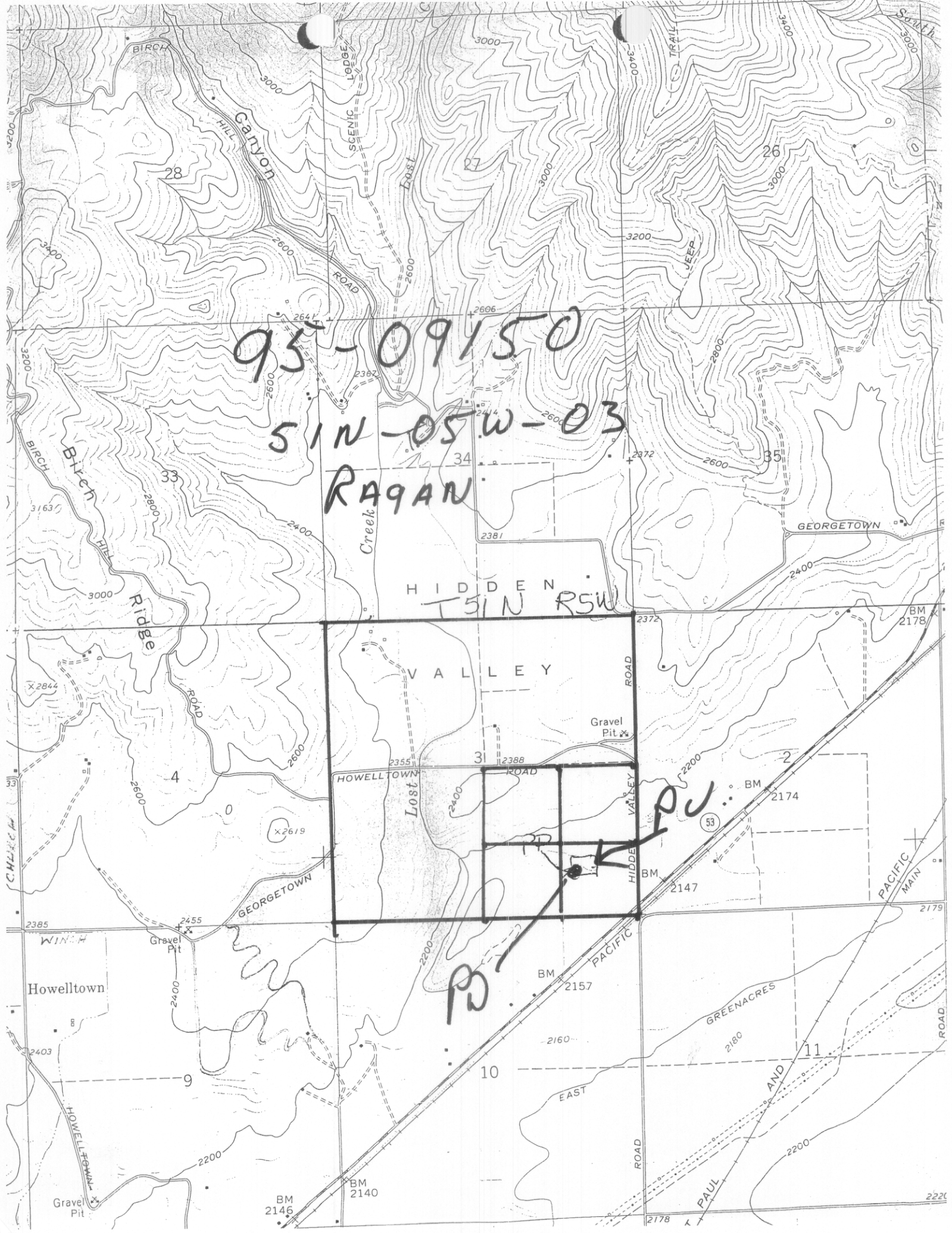
RAGAN

HIDDEN T51N R5W

VALLEY

PJ

PS





PW



PV
IRR
↓
stock



PV
IRR



PV
domestic

95-09150
R9942

69

69
922
2007

69
922

69
922



92-08120

92-08120

E. NARRATIVE/REMARKS/COMMENTS

Irrigation is accomplished with 5/8
hose and portable sprinklers, moved
around to area to be irrigated.

With Pressure tank bled off a 5 gal
bucket measurement was done
Pump at 200'
APPROX

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

F. FLOW CALCULATIONS

Measured Method:

Additional Computation Sheets Attached

5 gal bucket

5 gal in 15 sec = 209 gpm

$$\frac{20 \times 1.33681}{60} = .04 \text{ cfs}$$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 5 \times 3 = 15$$

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

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 15$$

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
Irrigation	03-15	11-15	~~.04~~	15.0
Stockwater	01-01	12-31	1.02	~~19.4~~ 0.2
Totals:			.04	15.8

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

8-5-05

Reviewer

Bertie J. Sullivan

Date

2/1/06

SEAL