

[illegible]

Method of Determination: Taxlot data and plat map provided by applicant

- 3 ☐ Delivery System Diagram Attached (required) Indicate all major components and distances between components Indicate weir size/pipe as applicable
☐ Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required) Scale must be 1:24,000 or greater
☐ Aerial Photo Attached (required for irrigation of 10+ acres)
☐ Photo of Diversion and System Attached

4

<u>Well or Diversion</u> <u>ID No.*</u>	<u>Motor Make</u>	<u>Hp</u>	<u>Motor Serial No.</u>	<u>Pump Make</u>	<u>Pump Serial No. or Discharge</u> <u>Size</u>
705080	Franklin	0.75			

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

D. FLOW MEASUREMENTS

1

<u>Measurement</u> <u>Equipment</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>

2 Measurements:

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

Measured Method: limited to 0.05 cfs by permit

F. VOLUME CALCULATIONS

1 Volume Calculations for Irrigation:

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

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

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

2 Volume Calculations for Other Uses: 0.6 afa for 4 homes; 2.4 afa total

G. NARRATIVE/REMARKS/COMMENTS

single well to 4 homes each with its own storage tank and booster pump

Have conditions of permit approval been met? ☒ Yes ☐ No

H. RECOMMENDATIONS**1. Recommended Amounts**

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
DOMESTIC	01/01 to 12/31	0.050 CFS	2.40 AF
<u>Totals:</u>		0.050 CFS	2.40 AF

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 Kieth Wilson Date 6/30/2004

Reviewer Nate Arave Date 8/2/2007

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

BENEFICIAL USE FIELD REPORT

A GENERAL INFORMATION

- 1 Owner: Battney Dahlquist Permit No. _____
Current Address: 9798 W. Gibson Tract POC ID Phone No. 478 4758
2 Accompanied by: _____ EXAM DATE: 6/30/2004
Address: _____ Phone No. _____
Relationship to Permit Holder: _____
3 Source: _____ tributary to _____

B OVERLAP REVIEW

- 1 Other water rights with same place of use: _____
_____ ☐ Copies Attached
2 Other water rights with same point of diversion: _____
_____ ☐ Copies Attached ☐ Copies of Field Exam's Attached

C SYSTEM DESCRIPTION

1. **Diversion System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable ☐ Alternative diagram attached

Note System w/system The hatd is in the corner

#1 Franklin Electric 3hp Model 2823028310 [Block 2, L-2 L-8 (L-9) L-11]
L-1 ABB water meter S/N 10905452 well pump mainline to pressure tanks to distribute
L-9 Sensus S/N 52782992 side

#2 Franklin Elect 3hp L-5 L-6 [L-3] [L-4]
L-3 - Master Meter S/N 2451169 L-Block 2
L-4 Master Meter S/N 253868

#3 Franklin Elect 1/2 hp Model 2801054915 [Block 1, L-3] [L-2] [L-1]
well pump mainline to system to distribution system
Booster Goulds Pump S/N 9957757 TO Booster Pump
Motor A.D. Smith 1 1/2 hp S/N 8F99 ABB 99816040 ABB 99816732 99816728

#4 FRANKLIN Elect 3/4hp Model 2801079415 [Block 1, (L-11) (L-4) L-5 (L-10)]
Booster Goulds Pump S/N A0059153 ABB L-11 S/N 99816734
Motor GE 15hp Meters L-4 S/N 99816731
S/N TAJ200020 L-10 S/N 10851196

Scale: 1" = _____

2. ☐ Copy of U.S.G.S. 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 or more)
☐ Photo of Diversion and System Attached
(required for all but single household domestic groundwater, and stockwater)

System Description (continued)

3. Narrative: Description (As operating at time of measurement. Indicate pressure, number of sprinklers, etc.)

#4 E0008215 063017C
 Franklin Electric 3hp Model 2823028310 Block 1
 (L-8) L-9 (L-6) (L-7)
 ABB SN 99816042 99816733
 water meter 99816727
 DEQ E0008216 Model 2823018310 BLK 2 [L-7] BLK 1 [L-13] L-12 L-14
 #6 Franklin Electric 2hp Badger meter SN 16871749
 063018A

☐ See Remarks on page 4 for continuation

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size

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

5. Point(s) of Diversion:

Ident No.	Gov't Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks

6. Place(s) of Use:

Indicate Method of Determination

Twp.	Rge.	Sec.	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Totals
			NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	

Do not use this space

Do not use this space

D FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

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

2. Measurements: *Chris Pein*
Rt (South) to Wedge way Left @ Fork Rt Fork Running form # 7029
- _____
- _____
- _____
- _____

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

1. Measured Method:

2. Alternate Method for Checking Purposes:

F. PUMP EFFICIENCY DATA (Optional)

Discharge Pressure: _____ psi x 2.31 = _____ ft (1); Dynamic pumping level: _____ ft (2)

Total Head: (1) + (2) = _____ (3) ; Flow rate: _____ cfs (4)

Water HP: (3) x (4) ÷ 8.8 = _____ (5)

Meter Input KW: 3.6 x _____ KH x _____ CTR or _____ MULT x _____ PTR x _____ N/ _____ T = _____ (6)

Meter Input HP: (6) x 1.34 = _____ (7)

Panel Input KW: _____ Ave PF x _____ Ave Volts x _____ Ave Amps x 0.01732 = _____ (6)

Panel Input HP: (6) x 1.34 = _____ (7) Efficiency: (5)/(7) x 100 = _____ %

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

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

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

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

2. Volume Calculations for Other Uses:

H REMARKS AND OVERLAP REVIEW ANALYSIS

#7 E0007743 063018B

Franklin Electric 2hp Model 2823018110

Block 2
(L-10) (L-4) L-12 L-13

#8 E0007740 063018C well pump to system w/booster

well Franklin Elect 1/2hp Model 280105895

Block 2
L-15 (L-16) -14

Booster Goulds Pump S/N F0159626 ABB 11838788

motor AOSmith 1 1/2hp SN 8E01

#10 E0007741 063018D

L-18 (L-19) (L-20) L-21

Franklin Model 2823028310
3hp

ABB
11851399

Master Meter 3384206

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
#9 E0007742 063019A			BLK 1 (L-17) L-16 L-15	
or (8) Franklin 3hp Model 2823028310			ASA Meter 10034839	
Totals:				

written on
elect Box

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

J. AUTHENTICATION

Field Examiner's Name _____

Signature _____

Certification Date _____

Field Report Preparation Date _____

CONSULTANT SEAL

K Licensing recommendation shall be prepared by an Idaho Department of Water Resources employee on a computer printout attached hereto.

Comment Report

29-8179

1. narave 8/2/2007 Field Report Narrative

Comment: single well to 4 homes, each with its own storage tank and booster pump

2. narave 8/2/2007 POD

Comment: Updated shape

3. narave 8/2/2007 POU

Comment: Updated Shape

4. narave 8/2/2007 POU

Comment: Updated PLS

5. narave 8/2/2007 overlap review

Comment: overlap review

29-8178

29-8182

29-8183

29-8184

29-8073

29-8177

29-8179

29-11601

29-8177

6. SCURTIS 7/24/1996 DIVERSION

Comment: Well #5.

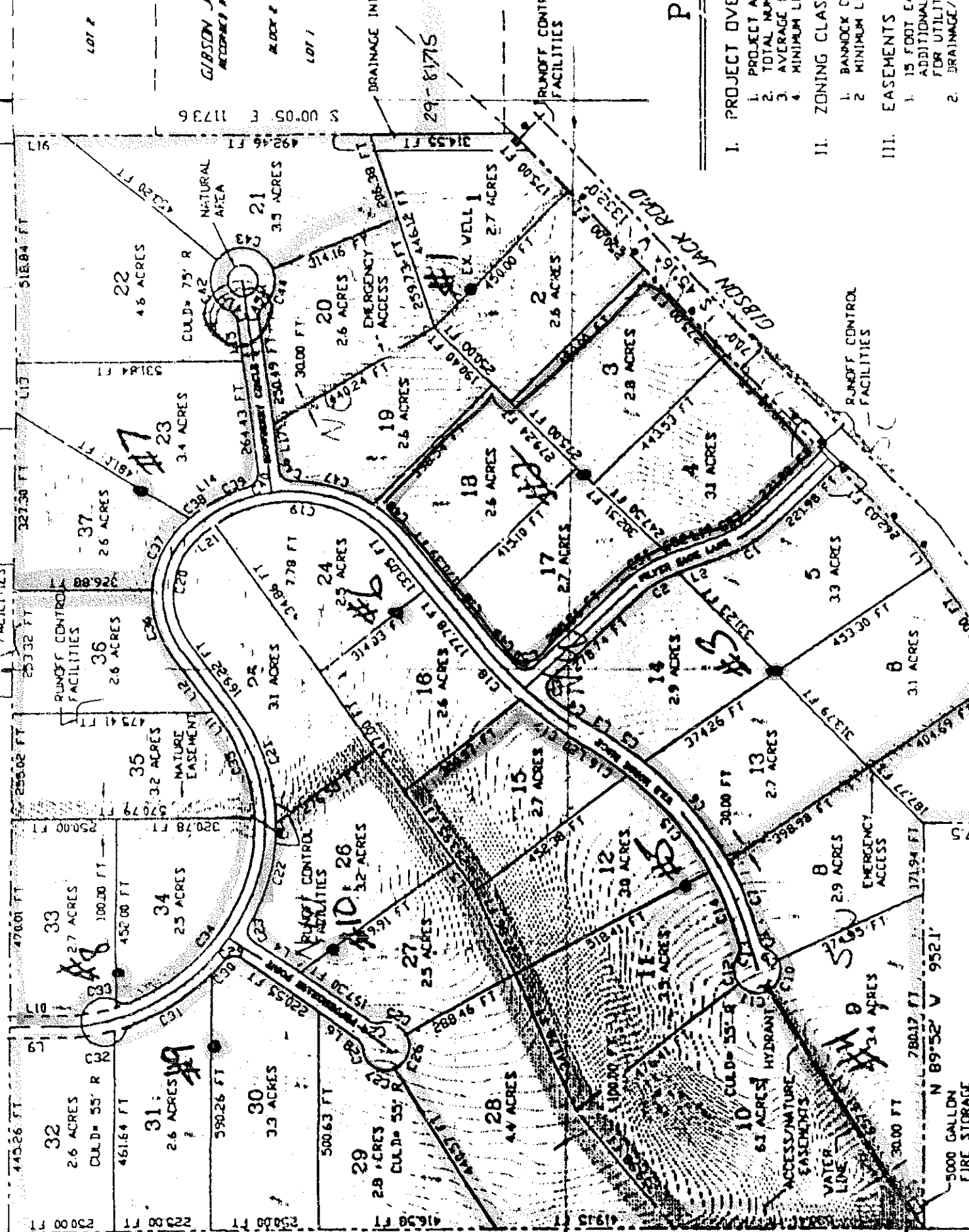
FUTURE DEVELOPMENT

EXISTING WATER LINE S 89°39' E 2576.7'

RUNOFF CONTROL FACILITIES

LOT 2

GIBSON JACK ROAD
LOT 1
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5000 GALLON FIRE STORAGE

PRECISION AREA

- I. PROJECT OVERVIEW
1. PROJECT AREA
 2. TOTAL MAP
 3. AVERAGE 1
 4. MINIMUM LE
- II. ZONING CLASSIFICATION
1. BANNOCK C
 2. MINIMUM LE
- III. EASEMENTS
1. 15 FOOT EA
 2. ADDITIONAL FOR UTILIT
 3. DRAINAGE/
- IV. UTILITIES