

[illegible]

Method of Determination: Plat map provided by HOA, and Bannock county tax lot data

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 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 Size</u>
705030	Franklin	3			

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

D. FLOW MEASUREMENTS

1

<u>Measurement 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: 2.4 afa, 4 homes @ 0.6 afa**G. NARRATIVE/REMARKS/COMMENTS**

single well to four homes, each home has a booster pump and a storage tank

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

Wild Horse Ridge Homeowners + Water Users org
Mike Vargason is President

A. GENERAL INFORMATION

1 Owner: Brittney Dahlquist Permit No. _____
Current Address: 9798 W. Gibson Jack Ave 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

Note System w/system the hotel is in the corner

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

063016A
#1 Franklin Electric 3hp Model 282302830 *Block 2*
L-1 ABB water Motor S/N 10905456 *L-2 L-8 (L-9) L-11*
L-9 Sensus S/N 52782942 *well pump mainline pressure tanks to distribute*
Franklin Elect 3hp
063016B
#2 Lot 3 - Master Motor S/N 2451169
L-4 Master Motor S/N 2533868
GPS EDD08218
GPS EDD07745
063016C
#3 well Franklin Elect 1/2 hp Model 2801054915 *Block 1*
Booster GOULD Pump S/N 9957751 *L-3 L-2 L-1*
Motor A.D. Smith 1 1/2 hp S/N 8F99 *well pump mainline to cistern to distribute system*
ABB 99816040 ABB 99816732 ABB 99816728
063017A
#4 well *Scale 1" = _____*
063017B
#5 well *FRANKLIN Elect 3/4hp Model 2801079415*
Booster GOULD Pump S/N A0059153 *Block 1*
Motor GE 15hp *(L-11)(L-4) L-5 (L-10)*
ABB L-11 S/N 99816734
Motor L-4 S/N 99816731
Motor L-10 S/N 10851196

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 E6008215 063017C
 Franklin Electric 3hp Model 2823028310 Block 1
 (L-8) L-9 (L-6) (L-7)
 ABB SN 99816092 99816733
 water meter 99816727
 DEQ E6008216 Model 2823018310 BLK 2 BLK 1
 #6 Franklin Electric 2hp [L-7] [L-13] L-12 L-14
 Badger meter SN 16871749
 063018A

☐ See Remarks on page 4 for continuation

4.

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: *Chns Poin*

Rt (South) to Wedgeway Left @ Fork Rt Fork Runway 10m # 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 = _____ (8)

Panel Input HP: (8) x 1.34 = _____ (7) Efficiency: (5)/(7) x 100 = _____ %

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

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

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

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

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-11) L-12 L-13

#8 EV00740 063018C Well pump to system w/booster

well Franklin Elect 1/2hp Model 2801054915

~~Block 2~~

L-15 (L-16) - 14

Bowstr/Golds Pump S/N FA159626 ABB 11838788

Motor AOSmith 1 1/2hp SN 8EO1

E000 7741 063018D

L-18

(1-19)

L-20) L-21

#16 Franklin Model 282 302 8310

ABS

11851399

Master, M.L. 3384206

I. RECOMMENDATIONS

1 Recommended Amounts

Beneficial Use

Period of Use
From To

BUK

Rate of Diversion
Q (cfs)

Annual Volume
V (afa)

#9 EDVO 2742 063019A

127

L-16 L-15

or (8?) Franklin 3hp Model 82302 8310

ASA Mohr

1003 483 9

with or
elect box

Totals:

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

29-8176

1. narave 8/2/2007 Field Report Narrative

Comment: single well to four homes, each home has a booster pump and a storage tank

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 Shape

5. narave 8/2/2007 POU

Comment: Updated PLS

6. narave 8/2/2007 overlap analysis

Comment: The water rights with overlapping places of use are

29-8175

29-8180

29-8181

29-11522

7. SCURTIS 7/24/1996 DIVERSION

Comment: Well #2.

Type	IWR #	Owner	Source	TRIS	NE/NE	SW/NE	SE/NE	NE/NE	SW/NE	SE/NE	SW/NE	SE/NE	SW/NE	SE/NE	SW/NE	SE/NE	Total
Permit	29 8176	WILD HORSE RIDGE WATER & HOMEOWNERS ASSOC.	GROUND WATER	07S35E19													0
Permit	29 8178	WILD HORSE RIDGE WATER & HOMEOWNERS ASSOC.	GROUND WATER	07S35E19													0
Permit	29 8180	WILD HORSE RIDGE WATER & HOMEOWNERS ASSOC.	GROUND WATER	07S35E19													0
Permit	29 8182	WILD HORSE RIDGE WATER & HOMEOWNERS ASSOC.	GROUND WATER	07S35E19													0
Permit	29 8183	WILD HORSE RIDGE WATER & HOMEOWNERS ASSOC.	GROUND WATER	07S35E19													0
Permit	29 8184	WILD HORSE RIDGE WATER & HOMEOWNERS ASSOC.	GROUND WATER	07S35E19													0
Right	29 8152	MINK CREEK UTILITY ASSOC.	GROUND WATER	07S35E19													0
Right	29 8073	HARVEY L PICKENS	GROUND WATER	07S35E19													9
Permit	29 8173	WILD HORSE RIDGE WATER & HOMEOWNERS ASSOC.	GROUND WATER	07S35E19													0
Permit	29 8177	WILD HORSE RIDGE WATER & HOMEOWNERS ASSOC.	GROUND WATER	07S35E19													0
Permit	29 8179	WILD HORSE RIDGE WATER & HOMEOWNERS ASSOC.	GROUND WATER	07S35E19													0
Permit	29 8181	WILD HORSE RIDGE WATER & HOMEOWNERS ASSOC.	GROUND WATER	07S35E19													0
Right	29 11601	LARAE TRIPP, BOB G TRIPP.	GROUND WATER	07S35E19													0
Right	29 12164	BONNIE J SHAW, JAMES FREEMAN SHAW,	GROUND WATER	07S35E19													0
Right	29 12272	DALE T KNIIEVEL, DIANE C KNIIEVEL,	GROUND WATER	07S35E19													0
Right	29 7775	ANTHONY MARTIN	GROUND WATER	07S35E19	X												0
Right	29 11600	BOB G TRIPP, LARAE TRIPP.	GROUND WATER	07S35E19	X												0
Right	29 11600	BOB G TRIPP, LARAE TRIPP.	GROUND WATER	07S35E19	X												0
Right	29 11522	LLOYD RANDALL DAVIS.	GROUND WATER	07S35E19													0
Right	29 11522	LLOYD RANDALL DAVIS.	GROUND WATER	07S35E19													0
Right	29 11554	HARVEY L PICKENS	GROUND WATER	07S35E19													0
Right	29 11152	JOHN W GRAHL, JUDITH A GRAHL,	GROUND WATER	07S35E19	X												0
Right	29 10859	HANNAH M BROWER,	GIBSON JACK CREEK	07S35E19	X												0
Right	29 11315	SHERLYN KAY ISBELL, CHARLES M ISBELL,	GROUND WATER	07S35E19													0
Right	29 11096	CATHERINE L JUDGE, BERNARD A JUDGE,	GROUND WATER	07S35E19													0
Right	29 10914	VICTORIA L PARKINSON REECE,	GROUND WATER	07S35E19													0
Right	29 10928	HANNAH M BROWER,	GROUND WATER	07S35E19	X												0
Right	29 10928	HANNAH M BROWER,	GROUND WATER	07S35E19	X												0
Right	29 12977	UNITED STATES OF AMERICA ACTING THROUGH,	GIBSON JACK CREEK	07S35E19		X											0
Right	29 275	MINK CREEK IRRIGATION CORP.	MINK CREEK	07S35E19													2
Right	29 79016	DAHRL JANE SUTTNER, GREGORY P SUTTNER,	GROUND WATER	07S35E19													3
Right	29 13230	WAYNE L ARMSTRONG,	GROUND WATER	07S35E19													1
Right	29 7905	DENNIS L ELDRIDGE, VICKI ELDRIDGE,	GROUND WATER	07S35E19	1												2
Right	29 7766	DENNIS L ELDRIDGE, VICKI ELDRIDGE,	GROUND WATER	07S35E19	2												2
Right	29 4471	DONNA M LEAMAN, STEVEN LEAMAN,	GROUND WATER	07S35E19													0
Right	29 4471	DONNA M LEAMAN, STEVEN LEAMAN,	GROUND WATER	07S35E19	0.4												0.4
Permit	29 13757	SCOTT M CORNELIUSON,	GROUND WATER	07S35E19													0
Right	29 8175	WILD HORSE RIDGE WATER & HOMEOWNERS ASSOC.	GROUND WATER	07S35E19													0

