

[illegible]

Method of Determination:

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>
705078					

*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

Measured Method: limited to 0.05 cfs by permit

☐ Additional Computation Sheets Attached

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 3 homes; 1.8 afa total

G. NARRATIVE/REMARKS/COMMENTSHave 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	1/01 to 12/31	0.050 CFS	
<u>Totals:</u>		0.050 CFS	

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 6/30/2004Reviewer 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 Dahlgren 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

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 2823028310 *Block 2*
L-1 ABB water meter S/N 10905452 *L-2 L-8 (L-9) L-11*
L-9 Sensus S/N 52782992 *well pump mainline to pressure tanks to distribute*
Franklin Elect 3hp
063016B
#2 Lot 3 - Master Meter S/N 2451169
L-4 Master Meter S/N 253868
GPS E0008218
GPS E0007745
#3 well Franklin Elect 1/2 hp Model 2801054915 *Block 1*
Booster GOULDS Pump S/N #9957751 *[L-3] [L-2] [L-1]*
Motor A.B. Smith 1 1/2 hp S/N 8F99 *well pump mainline to cistern to distribution system*
063016C
#4 *ABB 99816040 ABB 99816732 ABB 99816728*
GPS E0008217 *well pump mainline to cistern to booster*
Pump *Block 1*
FRANKLIN Elect 3/4hp Model 2801079415 *(L-11) (L-4) L-5 (L-10)*
Booster GOULDS Pump S/N A0059153
Motor GE 1 1/2hp
063017A
#5 *ABB L-11 S/N 99816734*
well *063017B* *Mater L-4 S/N 99816731*
Cyst Air *063017C* *L-10 S/N 10851196*
Scale: 1" = _____ S/N TAJ 200020

- 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
☐ 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
 DER E0008216 Model 2823018310 BLK 2 BLK 1
 #6 Franklin Electric 2hp [L-13] L-12 L-14
 Bridge 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: *Chn's Poin*
Rt (South) to Wedge way Left @ Fork Rt Fork Running 10 min # 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 .001732 = _____ (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-11) L-12 L-13

#8 E0007740 063018C

well pump to system w/booster

well Franklin Elect 1/2hp Model 280105495

Block 2

L-15 (L-16) -14

Booster Goulds Pump S/N F0159626 ABB 11838788

motor AO Smith 1/2hp SN EEO1

E0007741 063018D

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

#16 Franklin Model 2823028310
3hp

ABB

11851399

Motor M.A.V. 3384206

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use

Period of Use
From To

BLK1

Rate of Diversion
Q (cfs)

Annual Volume
V (afa)

#9 E0007742 063019A

or(8?) Franklin 3hp Model 2823028310

(L-17) L-16 L-15

ASAMATI

10034839

written 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

29-8178

1. narave 8/2/2007 Field Report Narrative

Comment: single well to three homes with a storage tank and a booster in each home

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: The overlapping rights are:

29-8073

29-8177

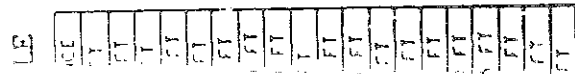
29-8179

29-11601

6. SCURTIS 7/24/1996 DIVERSION

Comment: Well #4.

Type	WR #	Owner	Source	TTS	NEWE	NMAE	SWINE	SENE	NEWM	NWAM	SWAM	SEWM	NESW	NMSW	SWSW	SESW	NESE	NWSE	SWSE	SESE	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						X											0
Permit	29 8180	WILD HORSE RIDGE WATER & HOMEOWNERS ASSOC.	GROUND WATER	07S35E19							X										0
Permit	29 8182	WILD HORSE RIDGE WATER & HOMEOWNERS ASSOC.	GROUND WATER	07S35E19							X										0
Permit	29 8183	WILD HORSE RIDGE WATER & HOMEOWNERS ASSOC.	GROUND WATER	07S35E19							X										0
Permit	29 8184	WILD HORSE RIDGE WATER & HOMEOWNERS ASSOC.	GROUND WATER	07S35E19							X										0
Right	29 8152	MNK GREEK UTILITY ASSOC.	GROUND WATER	07S35E19															X		0
Right	29 8073	HARVEY L PICKENS.	GROUND WATER	07S35E19								9									9
Permit	29 8175	WILD HORSE RIDGE WATER & HOMEOWNERS ASSOC.	GROUND WATER	07S35E19							X										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							X										0
Permit	29 8181	WILD HORSE RIDGE WATER & HOMEOWNERS ASSOC.	GROUND WATER	07S35E19							X										0
Right	29 11601	LARAE TRIPP, BOB G TRIPP.	GROUND WATER	07S35E19							X										0
Right	29 12164	BONNIE J SHAW, JAMES FREEMAN SHAW.	GROUND WATER	07S35E19																	0
Right	29 12272	DALE T KNEVEL, DIANE C KNEVEL.	GROUND WATER	07S35E19											X						0
Right	29 7775	ANTHONY MARTIN.	GROUND WATER	07S35E19															X		0
Right	29 11600	BOB G TRIPP, LARAE TRIPP.	GROUND WATER	07S35E19																	0
Right	29 11600	BOB G TRIPP, LARAE TRIPP.	GROUND WATER	07S35E19																	0
Right	29 11522	LLOYD RANDALL DAVIS.	GROUND WATER	07S35E19																	0
Right	29 11522	LLOYD RANDALL DAVIS.	GROUND WATER	07S35E19																	0
Right	29 11524	HARVEY L PICKENS.	GROUND WATER	07S35E19																	0
Right	29 11152	JOHN W GRAHL, JUDITH A GRAHL.	GROUND WATER	07S35E19										X							0
Right	29 10969	HANNAN M BROWER.	GIBSON JACK CREEK	07S35E19 X																	0
Right	29 10969	HANNAN M BROWER.	GIBSON JACK CREEK	07S35E19 X																	0
Right	29 11345	SHERLYN KAY ISBELL, CHARLES M ISBELL.	GROUND WATER	07S35E19															X		0
Right	29 11088	CATHERINE L JUDGE, BERNARD A JUDGE.	GROUND WATER	07S35E19															X		0
Right	29 10914	VICTORIA L PARKINSON REECE.	GROUND WATER	07S35E19																	0
Right	29 10928	HANNAN M BROWER.	GROUND WATER	07S35E19 X																	0
Right	29 10928	HANNAN M BROWER.	GROUND WATER	07S35E19 X																	0
Right	29 12977	UNITED STATES OF AMERICA ACTING THROUGH.	GIBSON JACK CREEK	07S35E19																	0
Right	29 275	MNK CREEK IRRIGATION CORP.	MNK CREEK	07S35E19																	2
Right	29 7906	DAHRL JANE SUTNER, GREGORY P SUTNER.	GROUND WATER	07S35E19											2.1	0.9					3
Right	29 13230	WAYNE L ARMSTRONG.	GROUND WATER	07S35E19															X		0
Right	29 7905	DENNIS L ELDRIDGE, VICKI ELDRIDGE.	GROUND WATER	07S35E19																	1
Right	29 7766	DENNIS L ELDRIDGE, VICKI ELDRIDGE.	GROUND WATER	07S35E19																	2
Right	29 4471	DONNA M LEAMAN, STEVEN LEAMAN.	GROUND WATER	07S35E19																X	0
Right	29 4471	DONNA M LEAMAN, STEVEN LEAMAN.	GROUND WATER	07S35E19																	0.4
Permit	29 1357	SCOTT M CORNELISON.	GROUND WATER	07S35E19																	0
Right	29 1357	SCOTT M CORNELISON.	GROUND WATER	07S35E19												X					0
Right	29 8175	WILD HORSE RIDGE WATER & HOMEOWNERS ASSOC.	GROUND WATER	07S35E19							X										0
Right	29 8176	WILD HORSE RIDGE WATER & HOMEOWNERS ASSOC.	GROUND WATER	07S35E19							X										0
Right	29 8177	WILD HORSE RIDGE WATER & HOMEOWNERS ASSOC.	GROUND WATER	07S35E19																	0
Right	29 8178	WILD HORSE RIDGE WATER & HOMEOWNERS ASSOC.	GROUND WATER	07S35E19							X										0
Right	29 8178	WILD HORSE RIDGE WATER & HOMEOWNERS ASSOC.	GROUND WATER	07S35E19							X										0



RESIDUAL AREA

5000 GALLON
FIRE STORAGE

1. 13 FOOT C
ADDITIONAL
FOR UTIL
2. DRAINAGE.

66-100-10000