

[illegible]

Method of Determination: Platt 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 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>
705082	Franklin	2	2823018310		

*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: 3 houses at 0.6 afa/house = 1.8 afa

G. NARRATIVE/REMARKS/COMMENTS

single well serves three lots each home has a separate booster and storage tank

Have conditions of permit approval been met? XX 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	1.80 AF
<u>Totals:</u>		0.050 CFS	1.80 AF

2. Recommended Amendments

 Change P.D. as reflected above Add P.D. as reflected above None

 Change P.U. as reflected above X 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 + Waters Users org
Mike Vargason is President
+ Mike

A GENERAL INFORMATION

1 Owner: Battney 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 hard 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 *GR E0007746*
Franklin Electric 3hp Model 2823028310 [Block 2, L-2 L-8 (L-9) L-11]
L-1 ABB water Meter S/N 10905456
L-9 Sensus S/N 52782942 well pump mainline to pressure tanks to distribute
063016B
#2 *Franklin Elect 3hp*
L-3 - Master Meter S/N 2451169
L-4 Master Meter S/N 2533868
L-5 L-6 [L-3] [L-4]
[Block 2]
063016C
#3 *GR E0008218*
GR E0007745 [Block 1, L-3] [L-2] [L-1]
Franklin Elect 1/2 hp Model 2801054515 well pump mainline to cistern to distribute system
Booster GULDS Pump S/N 9957751 To Booster Pump
Motor A.B. Smith 1 1/2 hp S/N 8F99 ABB 99816040 ABB 99816732 99816728
063016D
#4 *GR E0008217* well pump mainline to system to booster
Pump [Block 1, (L-11) (L-4) L-5 (L-10)]
FRANKLIN Elect 3/4 hp Model 2801079415
Booster GULDS Pump S/N A0059153 ABB L-11 S/N 99816734
Motor GE 15hp Meters L-4 S/N 99816731
L-10 S/N 10851196
063017A
#5 *well*
063017B
Cystin
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
(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 (L-13) L-12 L-14
 #6 Franklin Electric 2hp Badger meter SN 16871749

☐ 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: 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 .001732 = _____ (6)

Panel Input HP: (6) 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 ED007743 063018B
 Franklin Electric 2hp Model 2823018110
 Block 2
 (L-10) (L-11) L-12 L-13

#8 ED007740 063018C well pump system w/ booster
 w/ Franklin Elect 1/2hp Model 280105495 Block 2
 L-15 (L-16) -14
 Booster Goulds Pump S/N F0159626 ABB 11838788
 Motor AOSmith 1/2hp SN 8E01

#16 ED007741 063018D L-18 (L-19) (L-20) L-21
 Franklin Model 2823028310 ABB
 3hp 11851399
 Motor Model 3384206

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use From To	BLK1 Rate of Diversion Q (cfs)	Annual Volume V (afa)
#9 ED007742 063019A or (8?) Franklin 3hp Model 2823028310		(L-17) L-16 L-15 ASAMAH 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

29-8180

1. narave 8/2/2007 Field Report Narrative

Comment: single well serves three lots, each home has a seperate booster and 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 PLS

5. narave 8/2/2007 overlap review

Comment: the water rights with overlapping place of use are:

29-8182

29-8183

29-8184

29-8175

29-8181

29-8176

29-8179

6. SCURTIS 7/24/1996 DIVERSION

Comment: Well #6.

Type	WR #	Owner	Source	TRS	ME NE	IN NE	SH NE	SE NE	IN NW	IN NW	SH NW	SE NW	IN SW	IN SW	SH SW	SE SW	NE SE	IN SE	SW SE	SE SE	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	MINK CREEK 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																	0
Permit	29 8177	WILD HORSE RIDGE WATER & HOMEOWNERS ASSOC.	GROUND WATER	07S35E19							X										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 11801	LARAE TRIPP, BOB G TRIPP	GROUND WATER	07S35E19									X								0
Right	29 12164	BONNIE J SHAW, JAMES FREEMAN SHAW,	GROUND WATER	07S35E19											X						0
Right	29 12272	DALE T KNEIVEL, DIANE C KNEIVEL,	GROUND WATER	07S35E19															X		0
Right	29 7775	ANTHONY MARTIN,	GROUND WATER	07S35E19																	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 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																	0
Right	29 10969	HANNAH M BROWER.	GIBSON JACK CREEK	07S35E19																	0
Right	29 10969	HANNAH M BROWER.	GIBSON JACK CREEK	07S35E19																	0
Right	29 11315	SHERI YN KAY ISBELL, CHARLES M ISBELL,	GROUND WATER	07S35E19															X		0
Right	29 11086	CATHERINE L JUDGE, BERNARD A JUDGE,	GROUND WATER	07S35E19															X		0
Right	29 10914	VICTORIA L PARKINSON REEDE,	GROUND WATER	07S35E19															X		0
Right	29 10928	HANNAH M BROWER.	GROUND WATER	07S35E19																	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																	0
Right	29 275	MINK CREEK IRRIGATION CORP.	MINK CREEK	07S35E19																	2
Right	29 7906	DAHRL JANE SUTTNER, GREGORY P SUTTNER,	GROUND WATER	07S35E19																	3
Right	29 13230	WAYNE L ARMSTRONG.	GROUND WATER	07S35E19								2.1									0.9
Right	29 7905	DENNIS L ELDRIDGE, VICKI ELDRIDGE.	GROUND WATER	07S35E19															X		0
Right	29 7766	DENNIS L ELDRIDGE, VICKI ELDRIDGE.	GROUND WATER	07S35E19								1									1
Right	29 4471	DONNA M LEAMAN, STEVEN LEAMAN.	GROUND WATER	07S35E19															X		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 CORNELISON.	GROUND WATER	07S35E19											X				X		0
Right	29 13757	SCOTT M CORNELISON.	GROUND WATER	07S35E19											X				X		0
Right	29 8176	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							X										0
Right	29 8178	WILD HORSE RIDGE WATER & HOMEOWNERS ASSOC.	GROUND WATER	07S35E19							X										0
Right	29 8179	WILD HORSE RIDGE WATER & HOMEOWNERS ASSOC.	GROUND WATER	07S35E19							X										0
Right	29 8180	WILD HORSE RIDGE WATER & HOMEOWNERS ASSOC.	GROUND WATER	07S35E19							X										0

