

[illegible]

Method of Determination: 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 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>
705087					

*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: 4 homes at 0.6 afa/home = 2.4 afa

G. NARRATIVE/REMARKS/COMMENTS

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

Have conditions of permit approval been met? X 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 XX None

 Change P U as reflected above Add P U as reflected above Other

I. AUTHENTICATION

Field Examiner's Name Kieth Wilson Date 6/30/04

Reviewer Nate Arave Date 8/2/2007

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

BENEFICIAL USE FIELD REPORT

A GENERAL INFORMATION

Wild Horse Ridge Homeowners + Water Users Org. Mike Vargason is President
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 hatd in 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

#1 Franklin Electric 3hp Model 2823028310 [Block 2, L-2 L-8 (L-9) L-11]
L-1 ABB water meter S/N 10905456 well pump mainline to pressure tanks to distribute
L-9 Sensus S/N 52782992
Franklin Elect 3hp
#2 L-3 - Master Meter S/N 2451169
L-4 Master Meter S/N 2538868
GPS E0008218
GPS E0007745 [Block 1, L-3 L-2 L-1]
#3 well Franklin Elect 1/2 hp Model 2801054915 well pump mainline to cistern to distribution system
#4 Booster GOULD Pump S/N E9957751 TO Booster Pump
Motor AB Smith 1 1/2 hp S/N 8F99 ABB 99816040 ABB 99816732 99816728
#5 well GPS E0008217 well pump mainline to cistern to booster Pump
FRANKLIN Elect 3/4 hp Model 2801079415 [Block 1, (L-11) (L-4) L-5 (L-10)]
Booster GOULD Pump S/N A0059153 ABB L-11 S/N 99816734
Motor GE 1 1/2 hp Meters L-4 S/N 99816731
S/N TAJ 200020 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
 DEC E0008216 Model 2823018310 BLK 2 L-7 BLK 1
 #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: *Chas. Pein*
Rt (South) to Wedgeway Left @ Fork Rt Fork Running 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 = _____ (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 EDD07743 063018B
Franklin Electric 2hp Model 2823018110
Block 2
(L-10) (L-11) L-12 L-13

#8 EDD07740 063018C Well pump to system w/booster
well Franklin Elect 1/2hp Model 2801054905 Block 2
L-15 (L-16) -14
Booster Gardco Pump S/N FD159626 ABB 11838788
Motor AOSmith 1/2hp SN 8E01

#10 EDD07741 063018D L-18 (L-19) (L-20) L-21
Franklin Model 2823028310 ABB
3hp 11851399
Motor Mdr 3384206

I. RECOMMENDATIONS

1 Recommended Amounts

Beneficial Use	Period of Use From To	BLK1 Rate of Diversion Q (cfs)	Annual Volume V (afa)
#9 EDD07742 063019A or (8?) Franklin 3hp Model 2823028310		(L-17) L-16 L-15 ASAMdr 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

29-8181

1. narave 8/2/2007 Field Report Narrative

Comment: single well to four homes each home has a booster pump 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: Water Rights with overlapping place of use are:

29-8175

29-8176

29-8180

6. SCURTIS 7/24/1996 DIVERSION

Comment: Well #7.

Type	WR #	Owner	Source	TRS	NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SENW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE	Total
Permit	29 8176	WILD HORSE RIDGE WATER & HOMEOWNERS ASSOC.	GROUND WATER	07S35E19								X									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
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						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 11601	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 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								X									0
Right	29 11522	LLOYD RANDALL DAVIS.	GROUND WATER	07S35E19								X									0
Right	29 11554	HARVEY L PICKENS.	GROUND WATER	07S35E19										X							0
Right	29 11152	JOHN W GRAHL, JUDITH A GRAHL.	GROUND WATER	07S35E19																	0
Right	29 10959	HANNAH M BROWER.	GIBSON JACK CREEK	07S35E19																	0
Right	29 10959	HANNAH M BROWER.	GIBSON JACK CREEK	07S35E19																	0
Right	29 11315	SHERLYN 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 REECE.	GROUND WATER	07S35E19															X		0
Right	29 10928	HANNAH M BROWER.	GROUND WATER	07S35E19																	0
Right	29 10928	HANNAH M BROWER.	GROUND WATER	07S35E19																	0
Right	29 12977	UNITED STATES OF AMERICA ACTING THROUGH,	GROUND WATER	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															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 13757	SCOTT M CORNELISON.	GROUND WATER	07S35E19															X		0
Right	29 13757	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						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
Right	29 8181	WILD HORSE RIDGE WATER & HOMEOWNERS ASSOC.	GROUND WATER	07S35E19										X							0

