

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
In-Office Beneficial Use Examination

1. ☒ Copy of Permit
2. ☒ Copy of proof of beneficial use
3. ☐ N/A Copies of amendments/orders
4. ☒ Qualifies under Rule 35.01.r (IDAPA 37.03.02)
5. ☒ Point of Diversion

Township 15S, Range 39E, Section 8, QQ NENENW

Method used to determine POD: Field Exam for 13-7287

6. ☒ Place of Use

Township 15S, Range 39E, Section 8, QQ NENW

Method used to determine POU: 2016 Google Earth imagery

7. ☒ POD and POU match Permit Approval
8. ☒ Aerial photo of place of use
9. ☐ N/A Well driller's report
10. ☒ Within a water district? (WD# 11)
11. ☒ Volume Calculation

Domestic use is for one home (in-house use only) = 0.6 acre-feet

Water rights 13-7287 and 13-7938 also diverted from spring source.

12. _____ Other information

Examiner Name Blake Jordan Date 8/17/2017
Reviewer James Cefalo Date 8/17/17

2016 Imagery

W 2400 N

15S 39E sec 8

POB

NENW

POB

W Hot Springs Rd

N 2400 W

Google earth

© 2017 Google

State of Idaho
Department of Water Resources
Water Right License
13-7939



- Point of Diversion
- Place Of Use Boundary
- Townships
- PLS Sections
- Quarter Quarters
- Taxlots

0 0.035 0.07 0.14 Miles



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

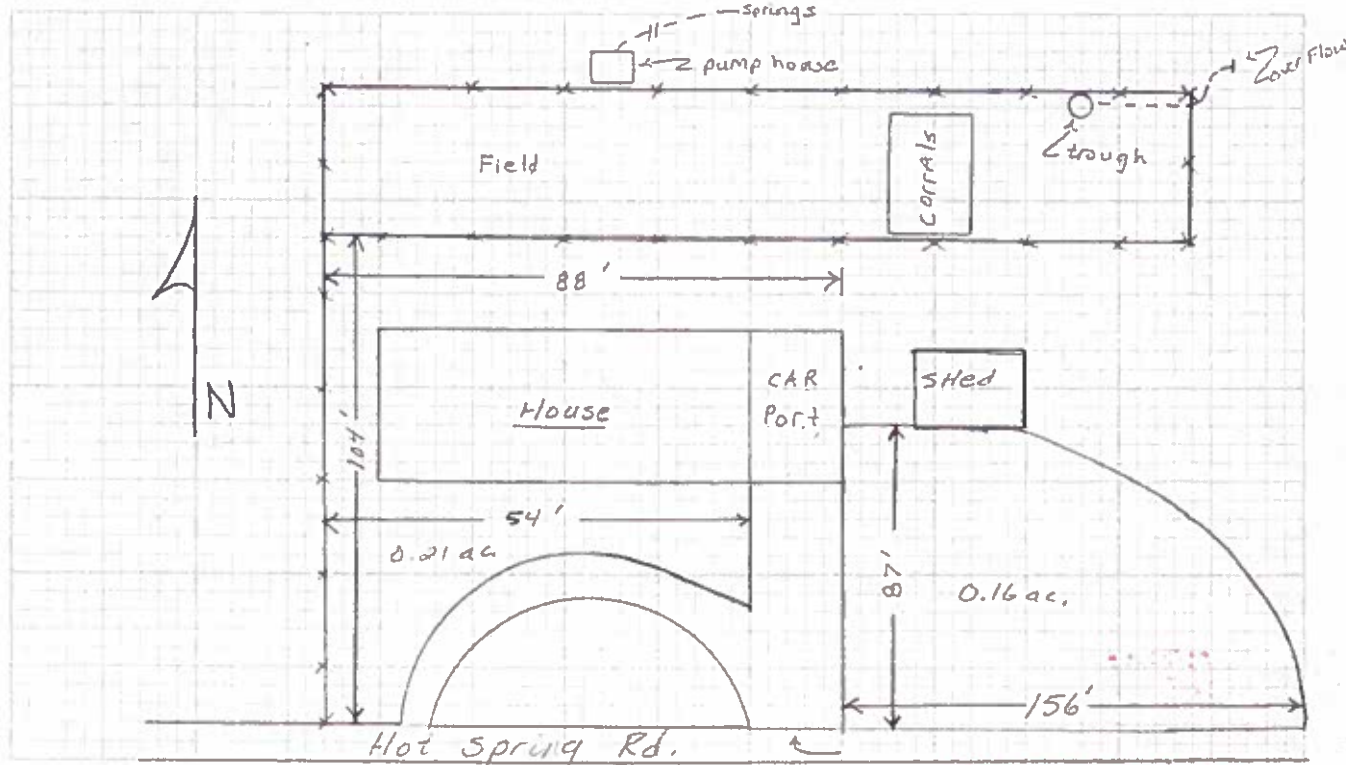
Permit No. 13-7287
1. Owner: Keith Hodges Phone No. 852-2619
Current Address: 2082 West Hot springs, Preston Idaho
2. Accompanied by: OWNER EXAM. DATE: 7-28-87
Address: - Phone No. -
Relationship to Permit Holder: -
3. Source: UNNAMED springs tributary to WEST CACHE CANAL

B. OVERLAP REVIEW

1. Other water rights with same place of use: N.A.
☐ Copies Attached
2. Other water rights with same point of diversion: N.A.
☐ 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



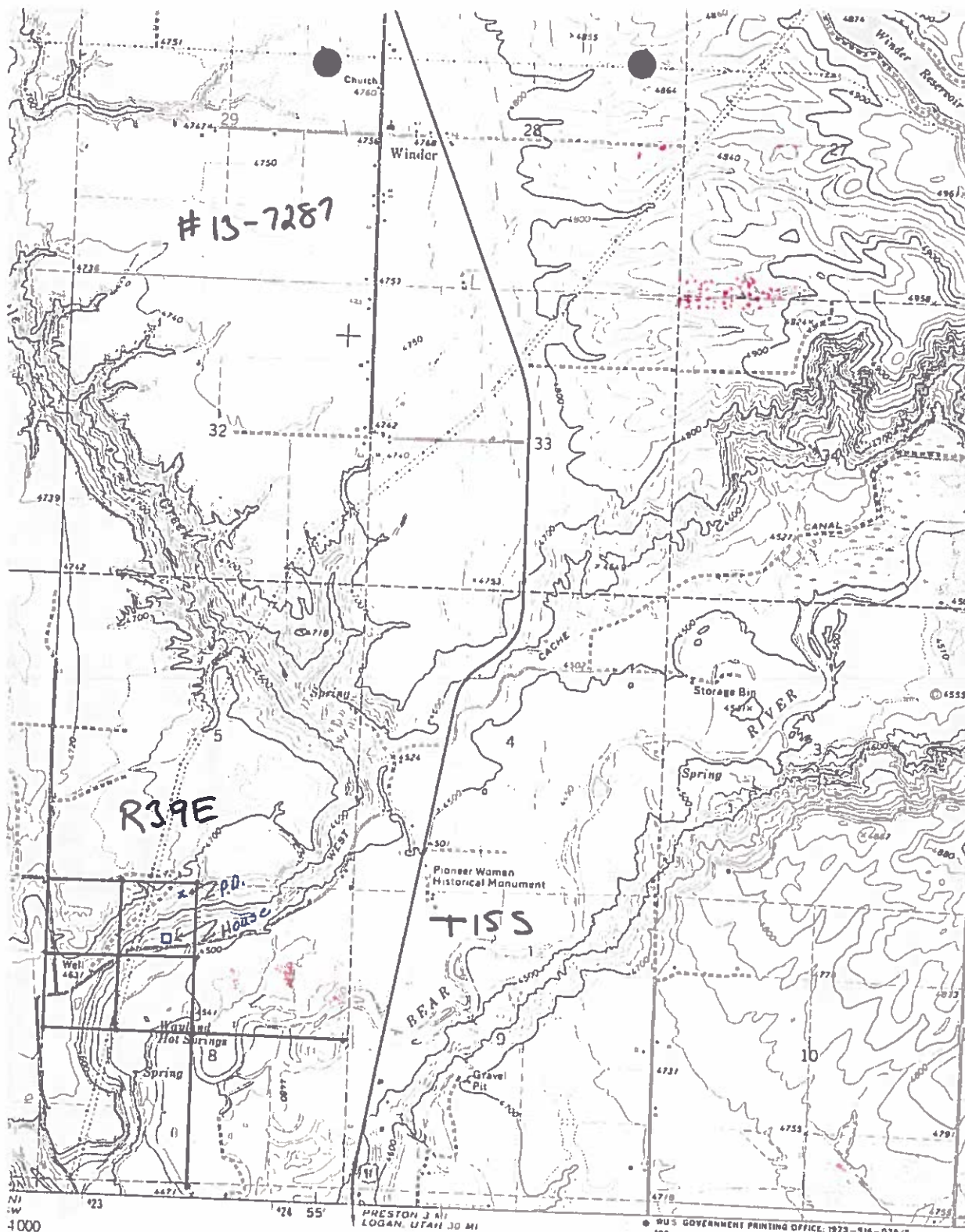
Scale: 1" =

2. ☒ Copy of U.S.G.S. Quadrangle Attached
Showing location(s) of point(s) of diversion and
place(s) of use (required).
☒ Photo of Diversion and System Attached
(required for all but single household domestic groundwater, and stockwater.

☐ Aerial Photo Attached
(required for irrigation of 10 acres or more)

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4000
10-FOOT CONTOURS
SEA LEVEL

FHS, R-39E
T-155



ROAD CLASSIFICATION

Primary highway, hard surface	Light duty road, hard or improved surface
Secondary highway, hard surface	Unimproved road
○ Interstate Route	□ U. S. Route ○ State Route

MAP ACCURACY STANDARDS
FLORADO 80225, OR WASHINGTON, D. C. 20242
SYMBOLS IS AVAILABLE ON REQUEST

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BANIDA, IDAHO
N4207.5-W11152.5/7.5
1969
AMS 3668 III NW-SERIES V893

System Description (continued)

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

Spring to pump house then to home & watering trough
Collection Box: 10' deep x 12' wide x 14' long

Stock consists of 6 calves, but he normally has 20
head of steers.

☐ 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
Electric Motor	MYERS	3/4		MYERS	

*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
			NE	NW	8	14S	39E	FANSHA	

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	
155	39E	8					0.4												0.4

Do not use this space

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Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
Bucket					2.5 gal	
Stopwatch						

2. Measurements:

OverFlow Filled a 2.5 gallon bucket in 4 seconds in 3 tries

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

1. Measured Method:

$$Q = \frac{2.5 \text{ gal}}{4 \text{ sec}} \left(\frac{60 \text{ sec}}{1 \text{ min}} \right) \left(\frac{1 \text{ min}}{443.88 \text{ gal}} \right) \left(\frac{\text{ft}^3}{\text{sec}} \right) = 0.08 \text{ ft}^3/\text{sec.}$$

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: 1/2 ac included in Domestic classification ∴ Allow 1.2 AFA

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

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

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

2. Volume Calculations for Other Uses: stock water

$$20 \text{ cows} \left(\frac{12 \text{ gal}}{1 \text{ day}} \right) \left(\frac{365 \text{ day}}{1 \text{ year}} \right) \left(\frac{1 \text{ ft}^3 \cdot \text{ft}}{325,850 \text{ gal}} \right) = 0.27 \text{ ac} \cdot \text{ft} / \text{year.}$$

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H. REMARKS AND OVERLAP REVIEW ANALYSIS

10

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Domestic	1-1	12-31	0.04	1.20
Stockwater	1-1	12-31	0.02	0.37
		Totals:	0.06	1.57

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

Richard Lenow Jr.
9-23-87

9-23-81

Steve McCann

CONSULTANT SEAL

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

DISCOVERED

DEC 12 1989

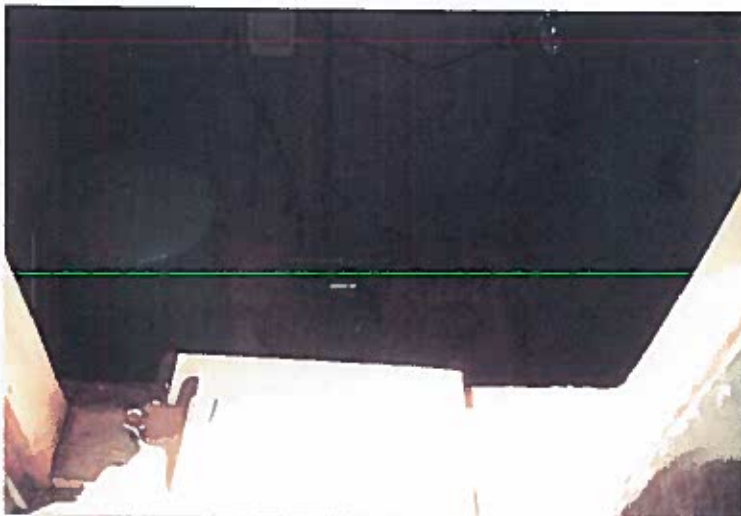
13-7287



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