

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No. 75-7400

1. Owner: Ken or Don Twito Phone No. 756-

Current Address: 1163 Hwy 93 S Salmon ID 83467

2. Accompanied by: Permit holder EXAM DATE: 7-23-08

Address: Same as above Phone No. _____

Relationship to Permit Holder: _____

3. Source: Salmon River tributary to Snake River

B. OVERLAP REVIEW

1. Other water rights with the same place of use: NONE

2. Other water rights with the same point of diversion: NONE

C. DIVERSION AND DELIVERY SYSTEM

1. Point(s) of Diversion:

Ident No.	Gov't Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
	4	SW	NW	NW	1	19N	21E	Lemhi	on site visit

2. Place(s) of Use:

Indicate Method of Determination on-site/air photo

TWP	RGE	SEC	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
19N	21E	1					1	10	12										23.0
19N	21E	1					1	6.4	10.8										
							3	4	7										19.2
19N	21E	1					5	5	5										
							3	4	7										

G-I

tot AC

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable.

See attached map

Scale: 1" = _____

____ Copy of USGS 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)

☒ Photo of Diversion and System Attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
	Baldor	50	42F73X2401	Baldor	A15096

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

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements: None taken see theoretical

E. NARRATIVE/REMARKS/COMMENTS

- 1) System consists of one (1) 50 hp Baldor pump, eight inch main line to 3 wheel lines and 4 handline all equipped with $1\frac{1}{64}$ " nozzles
- 2) actual ~~acreage~~^{acreage} determined by on-site visit and Lemhi County Assessor's office utilizing aerial photos and a planimeter
- 3) Change stockwater element to same season of use as irrigation
- 4) system can only operate 36 $1\frac{1}{64}$ " nozzles at 40 psi ~~one time~~ according to permit holders.

Have conditions of permit approval been met? ☒ yes ☐ no

F. FLOW CALCULATIONS

____ Additional Computation Sheets Attached

Measured Method:

$$\frac{8.8 \times .70 \times 50 \text{ hp} = 308}{10' \text{ i.t.t.} + (2.31 \times 60 \text{ psi}) = 148.6} = 2.07 \text{ cfs}$$

exceeds water
Duty of 18.2 x 0.02 = 0.37 cfs

$$36 \text{ } 1\frac{1}{64}'' \text{ Nozzles @ } 40 \text{ psi} = 199.44 \text{ gpm} = .44 \text{ cfs}$$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{\hspace{2cm}}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = \underline{\hspace{2cm}}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = \underline{\hspace{2cm}}$$

2. Volume Calculations for Other Uses:

H. RECOMMENDATIONS

1. Recommended Amounts

limit to standard season of use

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
irrigation	4-1	11-1 10/31	.46 cfs	0.37 cfs
Stockwater	4-1	11-1 10/31	.02 cfs	
Totals:			.46 cfs	0.39 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 Bob Foster Date 7/23/08

Reviewer [Signature] Arave Date 8/25/08

SEAL

75-7400 Pou looking SSW



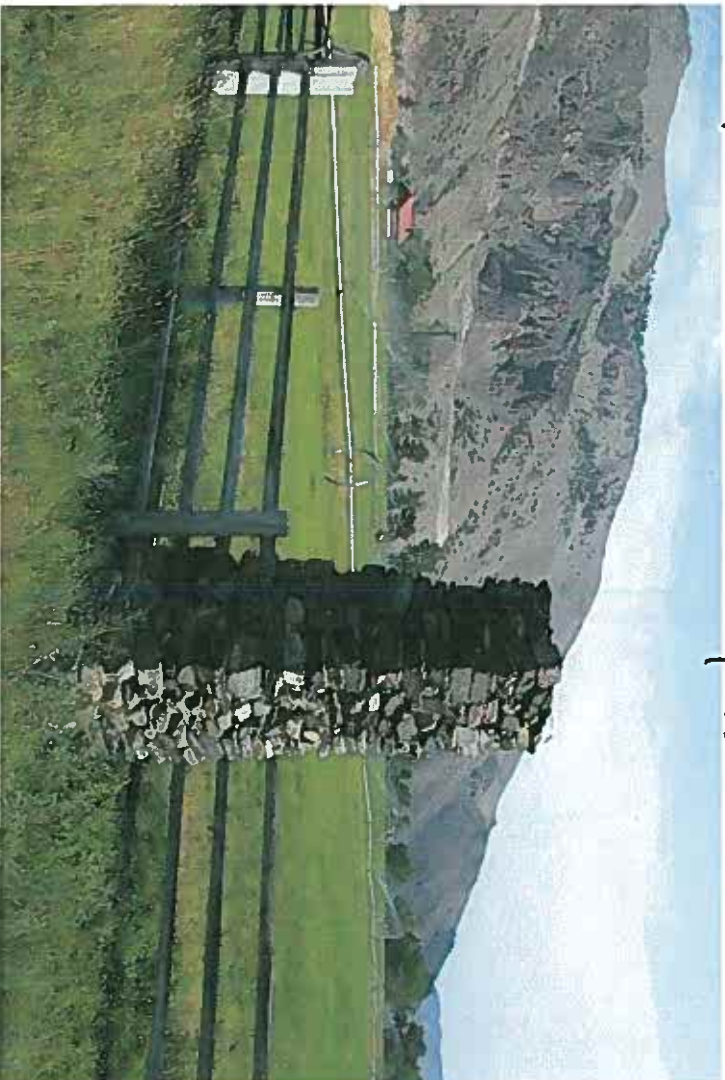
75-7400 50 hp Baldor pump & intake

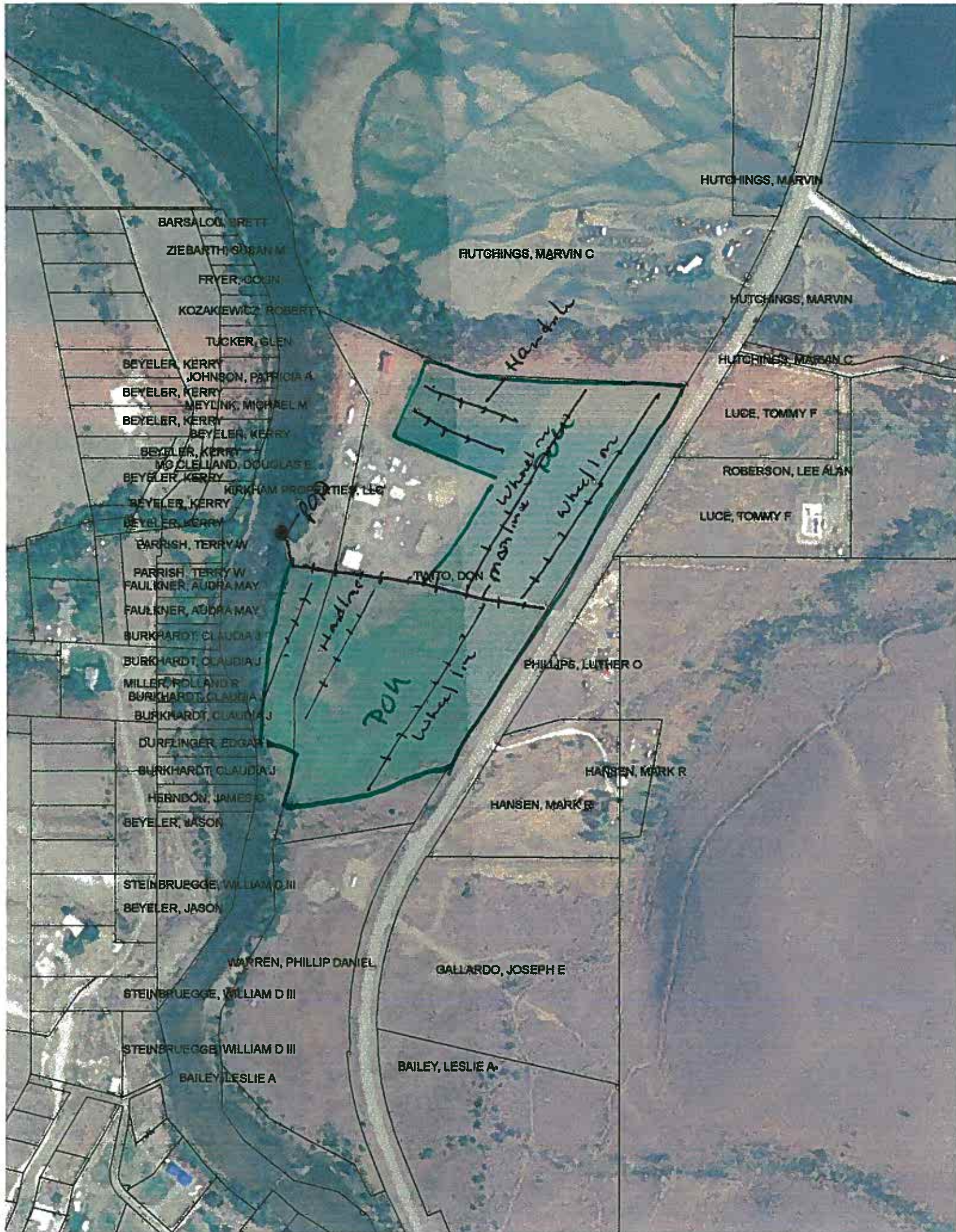


75-7400 50hp Baldor Pump



75-7400 Pou looking NW





BARSALOU, BRETT

ZIEBARTH, SUSAN M

FRYER, COON

KOZAKIEWICZ, ROBERT

TUCKER, GLEN

BEYELER, KERRY

JOHNSON, PATRICIA A

BEYELER, KERRY

MEYDINK, MICHAEL M

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MC CLELLAND, DOUGLASE

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PARRISH, TERRY W

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LUCE, TOMMY F

ROBERSON, LEE ALAN

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TWITO, DON

PHILLIPS, LUTHER O

HANSEN, MARK R

HANSEN, MARK R

GALLARDO, JOSEPH E

WARREN, PHILLIP DANIEL

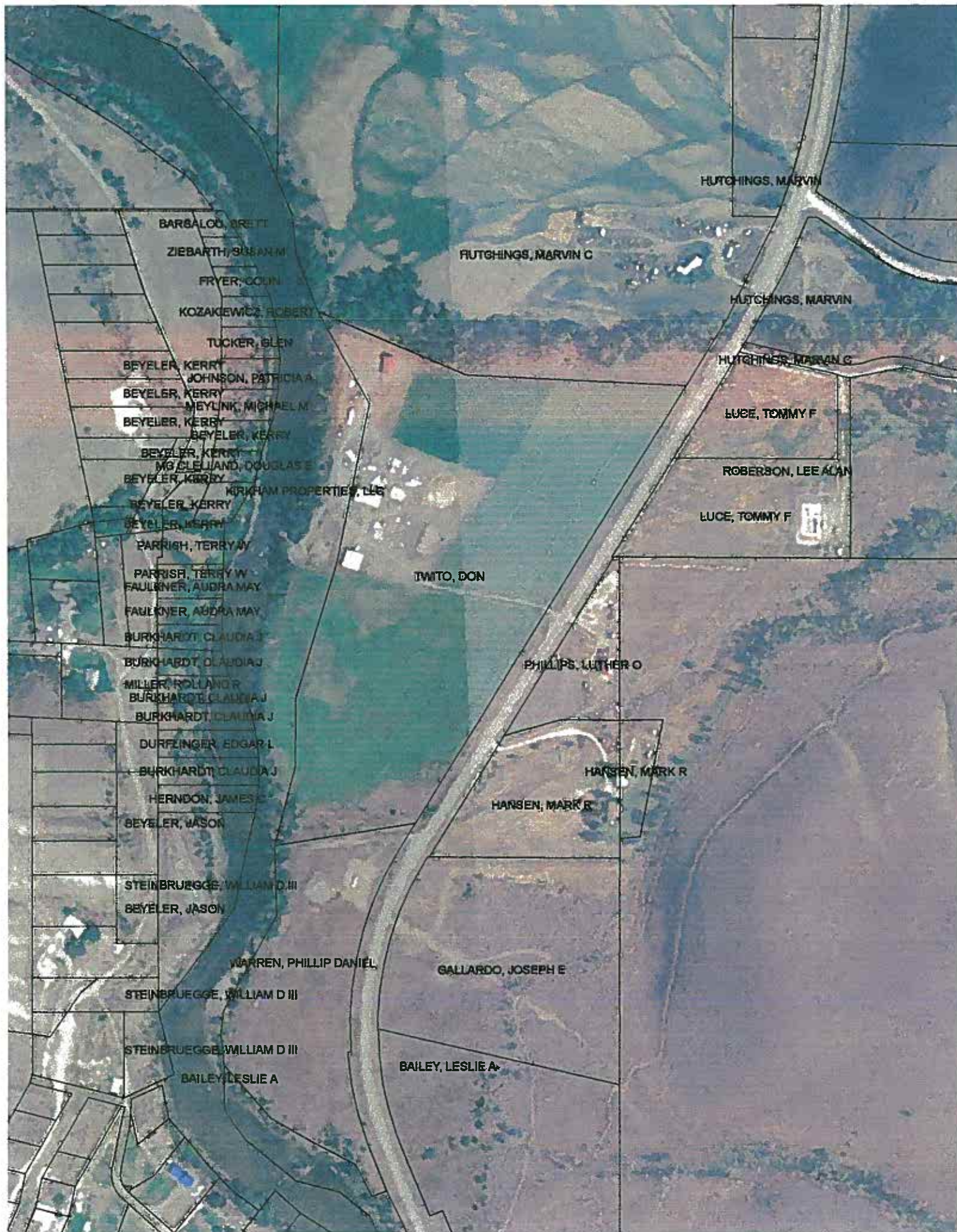
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Comment Report

75-7400

1. narave 8/25/2008 Field Report Narrative

Comment: 1) The system consists of one 50 hp balder pump, eight inch mainline to 3 wheel lines and 4 handlines all equipped with 1 & 1/64 inch nozzles.

2) Actual Acreage determined by on-site visit and Lemhi count assessors office utilizing aerial photos and a planimeter.

3) Change stockwater element to same season of use as irrigation

4) system can only operate 36 1 1/64 inch nozzles at 40 psi according to permit holders

2. narave 8/25/2008 Overlap Analysis

Comment: This is the only water right which irrigates this place of use