

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 29-8053

Exam Date: 6/17/1998

1. Current Owner: LAZY VZ TRUST LAND & WATER
C/O LOUIS BLOXHAM
PO BOX 41
DOWNEY ID 83234
(208)897-5362
2. Accompanied by: Louis Bloxham
Phone No: same as owner
Address: same as owner
Relationship to Permit Holder: self

3. **SOURCE**

SPRINGS
STATION CREEK

TRIBUTARY

SINKS
BIRCH CREEK

B. OVERLAP REVIEW

1. Other water rights with the same place of use: yes, see attached
2. Other water rights with the same point of diversion: yes

C. DIVERSION AND DELIVERY SYSTEM1. **LOCATION OF POINT(S) OF DIVERSION:**

SPRINGS	NE1/4SW1/4SW1/4	Sec. 36,	Twp 11S,	Rge 36E, B.M.
BANNOCK County				
SPRINGS	NE1/4SW1/4SW1/4	Sec. 36,	Twp 11S,	Rge 36E, B.M.
BANNOCK County				
STATION CREEK	SE1/4NE1/4SW1/4	Sec. 2,	Twp 12S,	Rge 36E, B.M.
BANNOCK County				

Method of Determination: FSA aerial photography, USGS 7.5' quad map, and field investigation

2.

PLACE OF USE: IRRIGATION STORAGE

Twp	Rge	Sec	NE				NW				SW				SE				
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	Totals
11S	36E	36											X						

PLACE OF USE: RECREATION STORAGE

Twp	Rge	Sec	NE				NW				SW				SE				
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	Totals
11S	36E	36											X						

PLACE OF USE: IRRIGATION FROM STORAGE

Twp Rge Sec	NE				NW				SW				SE				<u>Totals</u>
	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	
11S 36E 35	18.0	14.0	6.2	18.0									37.0	9.5		20.0	122.7
11S 36E 36			18.0		1.6	15.0	12.0	35.0	12.0		8.7						102.3

Total Acres: 225

Method of Determination: FSA aerial photography, USGS 7.5' quad map, and field investigation

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>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

*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: 1.00 cfs flowing through a 6" diameter pipe would have a velocity of between 5.1 ft/sec to 6.1 ft/sec is well within usual expected flow rates.

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

Measured Method:

F. 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:

2.44 acre pond with average depth of 7 feet stores 17.08 acre-feet

G. NARRATIVE/REMARKS/COMMENTS

A diversion structure in station creek splits station creek two fifths to other owner and three fifths remain in station creek at the SESESE sec. 3 T12S R36E. Station Creek continues down its stream bed to be diverted two fifths to Louis Bloxham (Lazy VZ trust Land and Water) within the SENESW sec 2 T12S R36E. Water is conveyed in a ten inch pipe to a valve that directs water into a six inch pipe to the storage pond. Water can be diverted from pond into mainline system.

Max depth of water in pond is ten feet, average depth is 7 feet

Measuring devices divert water from station creek using a head box that spits the stream into two fifths and one fifth

From valve to dam is approximately twenty-foot elevation drop

AT TIME OF EXAM PERMIT HOLDER NOT DIVERTING WATER TO POND

note that one cfs flowing through a six inch diameter pipe would have a velocity of between five and one tenths feet per second and six and one tenths feet per second. This is well within the usual expected flow rates

Have 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>
IRRIGATION STORAGE	01/01 to 12/31		17.10 AF
DIVERSION TO STORAGE	01/01 to 12/31	1.000 CFS	
RECREATION STORAGE	01/01 to 12/31		17.10 AF
IRRIGATION FROM STORAGE	04/01 to 11/01		17.10 AF
<u>Totals:</u>		1.000 CFS	17.10 AF

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 June 17, 1998

Reviewer Nate Arave Date June 13, 2007

[illegible]

[illegible]

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size

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

E. NARRATIVE/REMARKS/COMMENTS

A diversion structure in Station Creek splits Station Creek $\frac{3}{5}$ to other owners and $\frac{3}{5}$ remains in Station Creek (SESESE Sec 3, T12S, R36E). Station Creek continues down its stream bed to be diverted $\frac{3}{5}$ to Loui Bloxham (Lazy VZ Trust LAND & WATER) with in the SE NESW Sec 2, T12S, R36E. Water is conveyed in a 10" pipe to valve that directs water into 6" pipe to storage pond. Water can be diverted from pond into mainline system.

Max Depth of water in pond is 10'

Measuring devices divert water from Station Creek using a headbox that splits the stream into $\frac{2}{5}$ and $\frac{1}{5}$

from Valve to dam is approximately 20' elevation drop.

at time of exam permit holder not diverting H₂O to pond

Note: 1.00 cfs flowing through a 6" diameter pipe would have a velocity of between 5.1 ft/sec to 6.1 ft/sec well within usual expected flow rates.

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

Measured Method:

Additional Computation Sheets Attached

1. Volume Calculations for Irrigation:

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

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

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

2. Volume Calculations for Other Uses:

1. Recommended Amounts

Beneficial Use

Period of Use
From To

Rate of Diversion
Q (cts)

Annual Volume
V (a/a)

— Change P.D. as reflected above

— Change P.U. as reflected above

____ Add P.D. as reflected above
____ Add P.U. as reflected above

None _____
Other _____

Field Examiner's Name _____

Reviewer

Date _____

Date _____

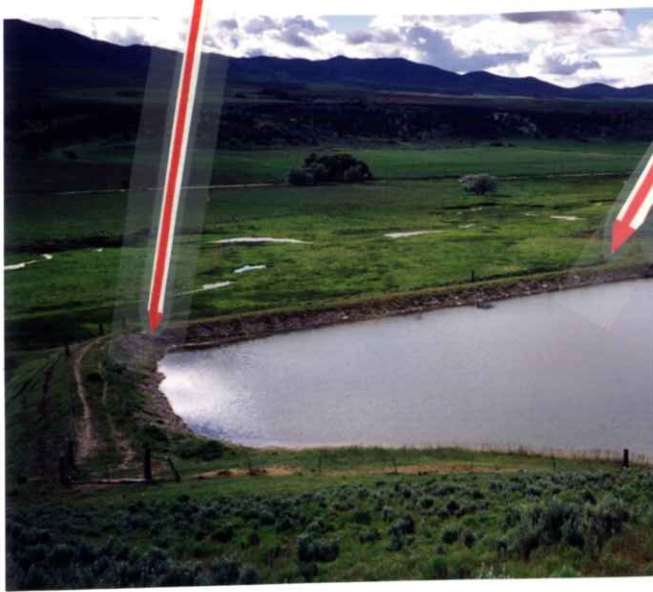
SEAL



POND INTAKE



POND DISCHARGE



29-08053

29-08053

INTAKE OF PIPE TO POND



DIVERSION VALVE
TO POND





BLOXAM DIVERSION
FROM Station Creek
BOARD $\frac{1}{2}$ PVC PIPE
INSURE DIVERSION OF
 $\frac{2}{5}$ of Station Creek

BOARD

PVC



29-
08053

UPPER STATION CREEK DIVERSION



$\frac{3}{5}$ diversion to
OTHER USERS



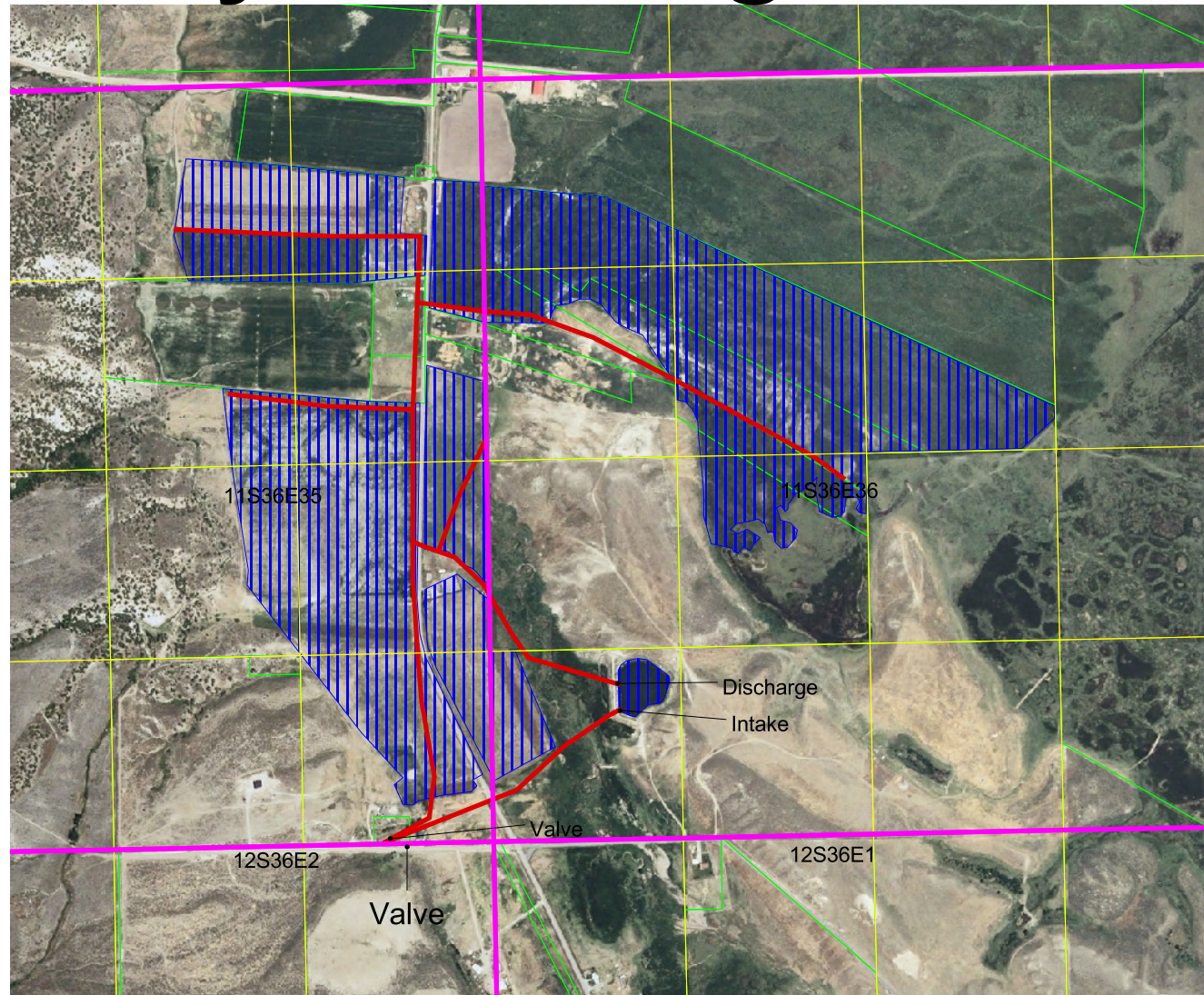
$\frac{3}{5}$ REMAINS IN
CREEK TO
BE DIVERTED Later
downstream



29-08053

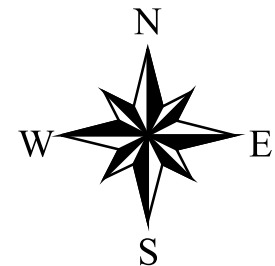
29-8053

System Diagram



0.4 0 0.4 0.8 Miles

- Sections
- QQ
- Pipeline Water Delivery System
- 29-8053 Place of Use
- Bannock taxlots



Comment Report

29-8053

1. kwilson 6/17/1998 Field Report Narrative

Comment: A diversion structure in station creek splits station creek two fifths to tother owner and three fifths remain in station creek at the SESESE sec. 3 T12S R36E. Station Creek continues down its stream bed to be diverted two fifths to Louis Bloxham (Lazy VZ trust Land and Water) within the SENESW sec 2 T12S R36E. Water is conveyed in a ten inch pipe to a valve that directs water into a six inch pipe to the storage pond. Water can be diverted from pond into mainline system.

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AT TIME OF EXAM PERMIT HOLDER NOT DIVERTING WATER TO POND

note that one cfs flowing through a six inch diameter pipe would have a velocity of between five and one tenths feet per second and six and one tenths feet per second. This is well within the usual expected flow rates

2. narave 6/13/2007 Place of Use Overlap

Comment: The overlapping places of use are:

29-330C
29-10462
29-10461
29-11697
29-11698
29-11699
29-11700
29-320
29-321
29-322
29-11650
29-4026

3. VAULT 3/19/1992 Proof of Beneficial Use Rcvd

Comment: Proof of Beneficial Use Rcvd

[illegible]

[illegible]