

4/2014

IN-OFFICE BENEFICIAL USE EXAM REPORT

Permit No. 55-13916

Prepared by Angie Grimm

ah

Date 8/6/14

Same as permit Different than permit

Owner Name	☐	☒ <u>Assignment of Permit completed 7/23/14.</u>
Owner Address	☐	☒ <u>Assignment of Permit completed 7/23/14.</u>
Source	☒	☐ _____
Tributary	☒	☐ _____
POD	☒	☐ _____
POU	☒	☐ _____
Beneficial Use(s)	☒	☐ _____

Exam Fee Required for Permitted Rate \$50.00

Exam Fee Paid \$50.00

Overlaps ☐ No ☒ Yes, summarize 55-13892 same pond, this right additional volume cover use documented on 55-13892 licensing exam.

Amendment ☒ No ☐ Yes, summarize _____

Technical Confirmation Tools

ArcMap	☒	GPS	☐
Taxlot	☐	Photos	☐
Well Log	☐	Diagrams	☐
Other	☒ explain: <u>55-13892 Beneficial Use Field Report</u>		

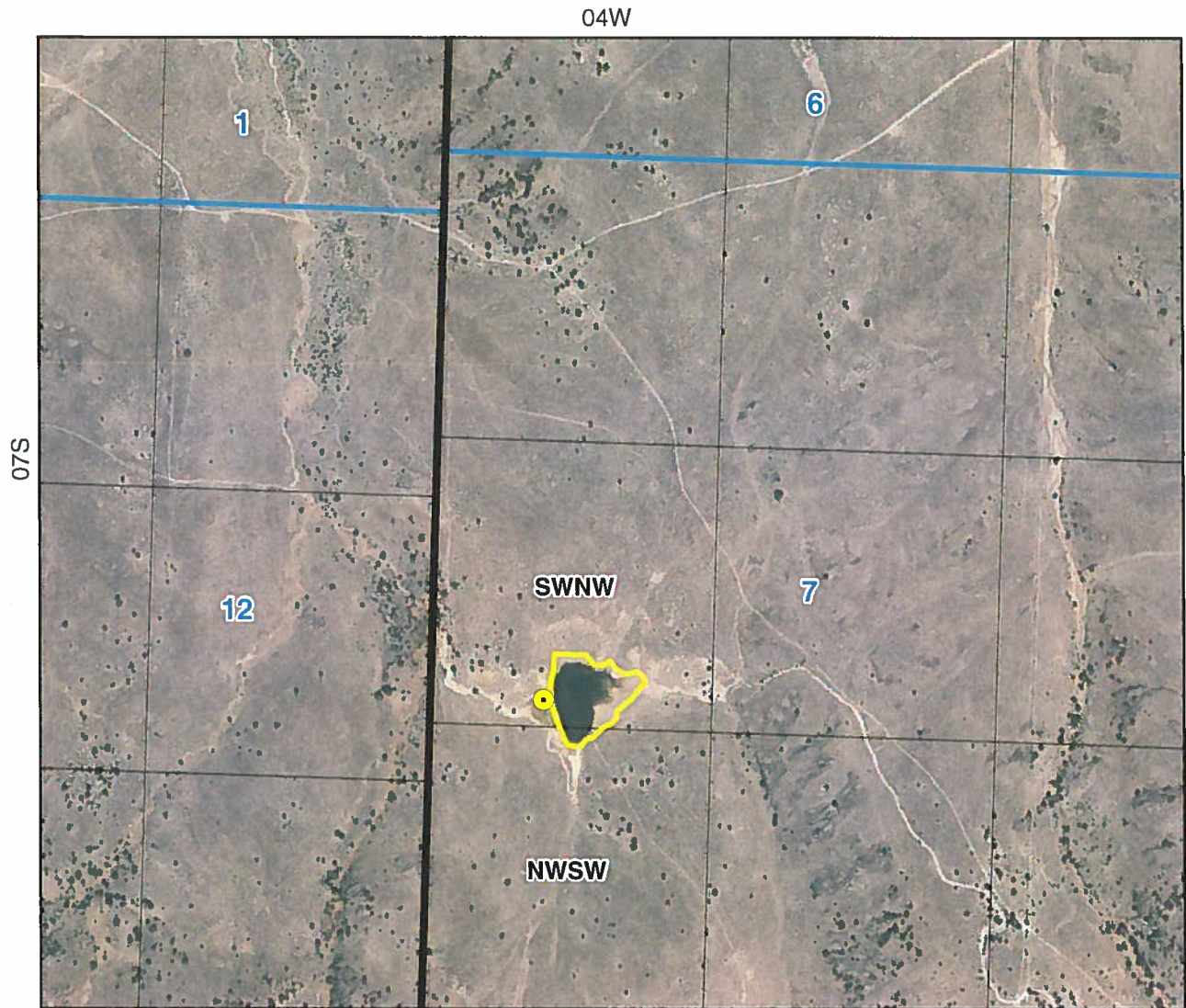
Conditions/Comments 2013 Aerial photo used to verify pond no larger than documented in 55-13892 Beneficial Use Field Report (overlapping right). This right when combined with right 55-13892 authorizes a total of 16.2 AF for the capacity and losses (evaporation) of the same pond.

Exam Date Entered ☒

Draft License Created ☒

Shapes Updated ☒

55-13892 In-Office Beneficial Use Field Report



2013 Imagery

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

0 0.1 0.2 0.4 Miles



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 55-13892

Exam Date: 4/27/2013

1. Current Owner: QUINTANA RANCH LIMITED PARTNERSHIP
C/O TIM QUINTANA
3876 HWY 95
HOMEDALE ID 83628
(208)337-5587
2. Accompanied by: Tim Quintana
Phone No: (208)337-5587
WORK: (208)459-0294
CELL: (208)989-3868
Email: tim.quintana@edwardjones.com
Address: 3876 US Hwy 95, Homedale, ID 83628
Relationship to Permit Holder: General Partner of the Quintana Ranch Limited Partnership; contact person

3. SOURCE

UNNAMED STREAM

TRIBUTARY

OLD MAN CREEK

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.

LOCATION OF POINT(S) OF DIVERSION:

UNNAMED STREAM L2 (SW1/4NW1/4) Sec. 7, Twp 07S, Rge 04W, B.M. OWYHEE County

Method of Determination: 2011, 2009, 2004 and esri ArcMap Imagery (beneficial use proof submitted 8/3/2009)

2.

PLACE OF USE: STOCKWATER STORAGE

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
07S	04W	7							X			X							
									L 2				L 3						

Method of Determination: 2011, 2009, 2004 and esri ArcMap Imagery (beneficial use proof submitted 8/3/2009)

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 (I was taken to the wrong pond/reservoir during the field examination, therefore no pictures were taken of this POU and/or POD. Insite from conducting 55-13891 and 55-13893 assisted in answering questions for this field examination, since they all were constructed the same, i.e. dam with a spillway)

4.

Well or Diversion
ID No.*Motor MakeHpMotor Serial No.Pump MakePump Serial No. or Discharge
Size

No diversion rate required on this water right. The source was the Unnamed Stream flowing from south to northwest, through the in-stream stockwater pond, then continuing down the stream by way of a rock spillway located on the west side of the dam.

D. FLOW MEASUREMENTS

1.

Measurement
EquipmentTypeMakeModel No.Serial No.SizeCalib. Date

None.

2. Measurements: None required.

E. FLOW CALCULATIONS

Measured Method: None required.

F. VOLUME CALCULATIONS

1. Volume Calculations for Stockwater Storage:

2.8 acre X 3.5 ft average depth = 9.8 AF + 6.4 AF E.T. = 16.2 AF*

*It almost looks like they got the 2 permits mixed up (55-13893 for 20.0 AF, and 55-13892 for 8.0 AF)

2. Volume Calculations for Other Uses: None

G. NARRATIVE/REMARKS/COMMENTS

At the time of the field examination, Tim Quintana took me the wrong pond for water right 55-13892. Once in the office, and downloading the GPS coordinates, it indicated that the pond/reservoir Quintana took me to was for water right 55-7276 (for this reason, no pictures of the POU/POD are available with the field exam report). It is historically evident that the pond/reservoir for water right 55-13892 was present in 2004, which is prior to when proof of beneficial use was submitted (8/3/2009). After conducting a field examination on all the other ponds/reservoirs owned by Quintana (55-13891 and 55-13893), and using ArcMap esri Imagery, 2011, 2009, and 2004 imagery, the shapefile of the pond/reservoir, and the location for the spillway located on the 7 ft high dam can be confirmed. The average depth is 3.5 ft. Beneficial use is for 100 head range cattle.

Have conditions of permit approval been met? ☒ Yes ☐ No**H. RECOMMENDATIONS****1. Recommended Amounts**BENEFICIAL USEPERIOD OF USEANNUAL VOLUME

STOCKWATER STORAGE

01/01 to 12/31

8.0 AF

Totals:

8.0 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



Date: 10/16/2013

Precipitation Loss Calculation

Date: October 16, 2013
Prepared by: Sandy Hemenway
Water Right No: 55-13892

P = Precipitation
ET = Evapotranspiration
 P_d = Precipitation deficit
 $P_d \approx P - ET$

P_d

Found at: <http://www.kimberly.uidaho.edu/ETIdaho/>

P_d = convert to AFA: $\frac{(\text{mm/yr})}{304.8} \times \# \text{ acres} =$

697	/	304.8	x	2.8	=
(From ET Idaho)					

$P_d = 6.4 \text{ AFA}$

* Use the Precipitation Deficit for 'P' value

WR Edit

Update PLS?

Meridian	Twp	Rng	Rng Partial	Sec	QQ	Q	Govt Lot	County	Acres	Tract ID
1	07S	04W	0	7	SW	NW	2	OWYHEE	2.5	
1	07S	04W	0	7	NW	SW	3	OWYHEE	0.3	

Total Acres: 2.8

No Yes