

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 55-13891

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** **TRIBUTARY**
DEER CREEK BOULDER 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:**

DEER CREEK SE1/4NE1/4 Sec. 24, Twp 06S, Rge 04W, B.M. OWYHEE County
DEER CREEK SE1/4NE1/4 Sec. 25, Twp 06S, Rge 04W, B.M. OWYHEE County

Method of Determination: Garmin GPS Map 76S, 2011 and esri ArcMap Imagery

2.

PLACE OF USE: STOCKWATER STORAGE

Twp Rge Sec	NE				NW				SW				SE				Totals
	<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>	
06S 04W 24				X													
06S 04W 25	X			X													

Method of Determination: Garmin GPS Map 76S, 2011 and esri ArcMap Imagery

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.

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

No diversion rate required on this water right. The source was the Deer Creek flowing from north to south, through the in-stream stockwater pond, then continuing down the creek by way of a rock spillway located on the southeast side of the each of the dams.

D. FLOW MEASUREMENTS

1.

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

None.

2. Measurements: None required.

E. FLOW CALCULATIONS

Measured Method: None required.

F. VOLUME CALCULATIONS

1. Volume Calculations for Stockwater Storage:

Pond 1 (0.6 acre X 7 ft average depth) + Pond 2 (0.4 acre X 3 ft average depth) + 2.3 AF E.T factor = 7.7 AF

2. Volume Calculations for Other Uses: None

G. NARRATIVE/REMARKS/COMMENTS

At the time of the field examination, there were 3 ponds found. The two on-stream reservoirs/ponds on Deer Creek (Pond 1 and Pond 2), and an unclaimed pond in section 30. An application for permit was mailed to Quintana to file on this pond. Pond 1 is located in Section 25: 9 ft high dam, 7 ft average depth, 0.6 acre in size, and the POD is located on the southeast side where the spillway is located. Pond 2 is located in Section 24: 7 ft high dam, 3 ft average depth, 0.4 acre in size, and the POD is located on the southeast side where the spillway is located. Beneficial use is for 500 head range cattle.

Have conditions of permit approval been met? ☒ Yes ☐ No

H. RECOMMENDATIONS**1. Recommended Amounts****BENEFICIAL USE****PERIOD OF USE****ANNUAL VOLUME**

STOCKWATER STORAGE

01/01 to 12/31

7.7 AF

Totals:

7.7 AF

2. Recommended Amendments

☒ X_Change P.D. as reflected above ☐ Add P.D. as reflected above ☐ None

☒ X_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: 55-13891

P = Precipitation

ET= Evapotranspiration

P_d = Precipitation deficit

P_d = P- ET

P_d

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

P_d = convert to AFA: (mm/yr) / (convert to feet) x # acres =

697		304.8		1	
(From ET Idaho)					

P_d = 2.3 AFA



* Use the Precipitation Deficit for 'P' value



Source: Esri, DigitalGlobe, GeoEye, I-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, and the GIS User Community

55-12991

Am Map ESR1 Tm...

S. H. ...



Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, and the GIS User Community, USDA FSA

NWSW 3

55-12891



2009
(increased
size,
where
2011 was
a drier
year)

SENE

06S04W

Deer Creek

NESE

24

19



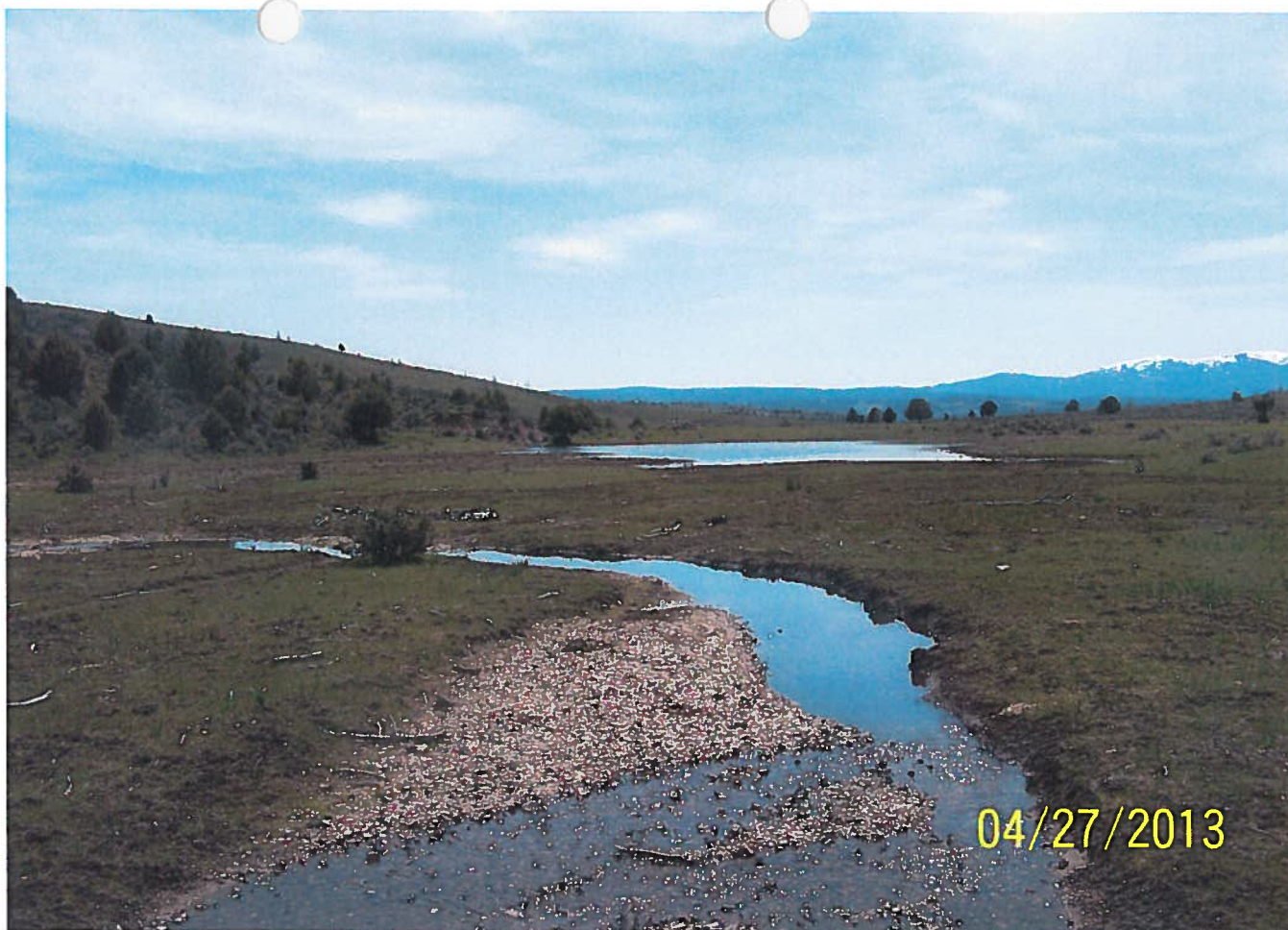
Pond #1
POU:
Pond #1
Sec. 25

Average
depth
at time
of field
exam 3',
but
evidence
on bank
shows
historical
reaching
7' deep.



Pond #1
POD
spillwa

9' dam



Pdy:
Pond #1

04/27/2013



Inlet
to
Pond #1
Source
Deer
Creek

04/27/2013



Pond #1
POD
spillway
on the
dam

T6S
R4W
Sec. 24
SENE

7' dam
3' average
depth.
At time
of field
exam,
it was
at
normal
depth.

04/27/2013



T6S
R4W
Sec. 24
SENE

Inlet
for
Deer
Creek

POU

Pond #1
POD
spillway
@ dam

04/27/2013



Stockwater storage

Pond for

SS-13891

04/27/2013

T65
R3W
Sec. 30
SWNW 2

POU

pond
requirin
an applicati
for permit
to be
filed on
it

Source:
spring +
unnamed
stream
from
snow melt
run-off
(dry
source
by June)



At time
of exam
spillway
had
washed
out +
was to
be rebuilt

POU

4' dam,
with
average
depth
3 1/2 ft.
deep
pond,
Pond
size is
0.04
acres
(0.14 af)

04/27/2013

Pond Requiring Permit

S. Hemenway