

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 95-12696

Exam Date: 4/24/2014

1. Current Owner: CALEB JOSHUA TRUST
15000 N ORIOLE RD
HAYDEN ID 83835
(208) 772-0833
2. Accompanied by: In Office Exam

3. **SOURCE**

SPRING

TRIBUTARY

SINKS

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 SYSTEM1. **LOCATION OF POINT(S) OF DIVERSION:**

SPRING NW1/4SW1/4NW1/4 Sec. 33, Twp 52N, Rge 03W, B.M. KOOTENAI County

Method of Determination: Aerial photography, Bing Maps and Arc Map Data.

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	
52N 03W 33						X	X										

PLACE OF USE: STOCKWATER FROM 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	
52N 03W 33					X	X	X	X		X							

PLACE OF USE: STOCKWATER

Twp Rge Sec	NE				NW				SW				SE				Totals
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
52N 03W 33					X	X	X	X		X							

DIVERSION TO STORAGE same as STOCKWATER

Method of Determination: Aerial photography, Bing Maps and Arc Map Data.

Diversion

D. FLOW MEASUREMENTS

Flow measurement not required as per IDAPA RULE 37.03.02.035.01.r.iii.

E. FLOW CALCULATIONS

The diversion rate for this Stock Water right is limited to 0.02 cfs or 9.0 gpm.

The diversion rate for this Diversion to Storage right is limited to .04 cfs or 18 gpm

F. VOLUME CALCULATIONS

The annual volume for this Stock Water right is limited to = 0.20 AF.

The annual volume for this Stock Water Storage right is limited to = 7.3 AF.

G. NARRATIVE/REMARKS/COMMENTS

POND FED FROM SPRING. STORAGE TO STOCKWATER FOR 12 MIXED CATTLE. SEE ATTACHED POND ANALYSIS SHEET.

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>
STOCKWATER STORAGE	01/01 to 12/31		7.30 AF
DIVERSION TO STORAGE	01/01 to 12/31	0.040 CFS	
STOCKWATER FROM STORAGE	01/01 to 12/31		0.20 AF
STOCKWATER	01/01 to 12/31	0.020 CFS	
<u>Totals:</u>		0.040 CFS	7.30 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 E. Hume Date 12/22/2014

Reviewer Adrian Frederick Date 12/22/2014

CALEB JOSHUA TRUST

POND SIZE: $150' \times 150' \times 7' = 3.6 \text{ AF}$

POND SURFACE AREA $150' \times 150' = 22,500 \text{ SQ. FT.}$

EVAPORATION: $1403 \text{ GPD} \times 365 \text{ DAYS} / 325,850 \text{ GALLONS PER AF} = 1.6 \text{ AF}$

SEEPAGE: $1683 \text{ GPD} \times 365 \text{ DAYS} / 325,850 \text{ GALLONS PER AF} = 1.9 \text{ AF}$

STOCKWATER; $12 \text{ HEAD} \times 12 \text{ GPD} \times 365 \text{ DAYS} / 325,850 = 0.2 \text{ AF}$

1.) 0.04 CFS (18 GALLONS PER MINUTE) DIVERSION TO STORAGE

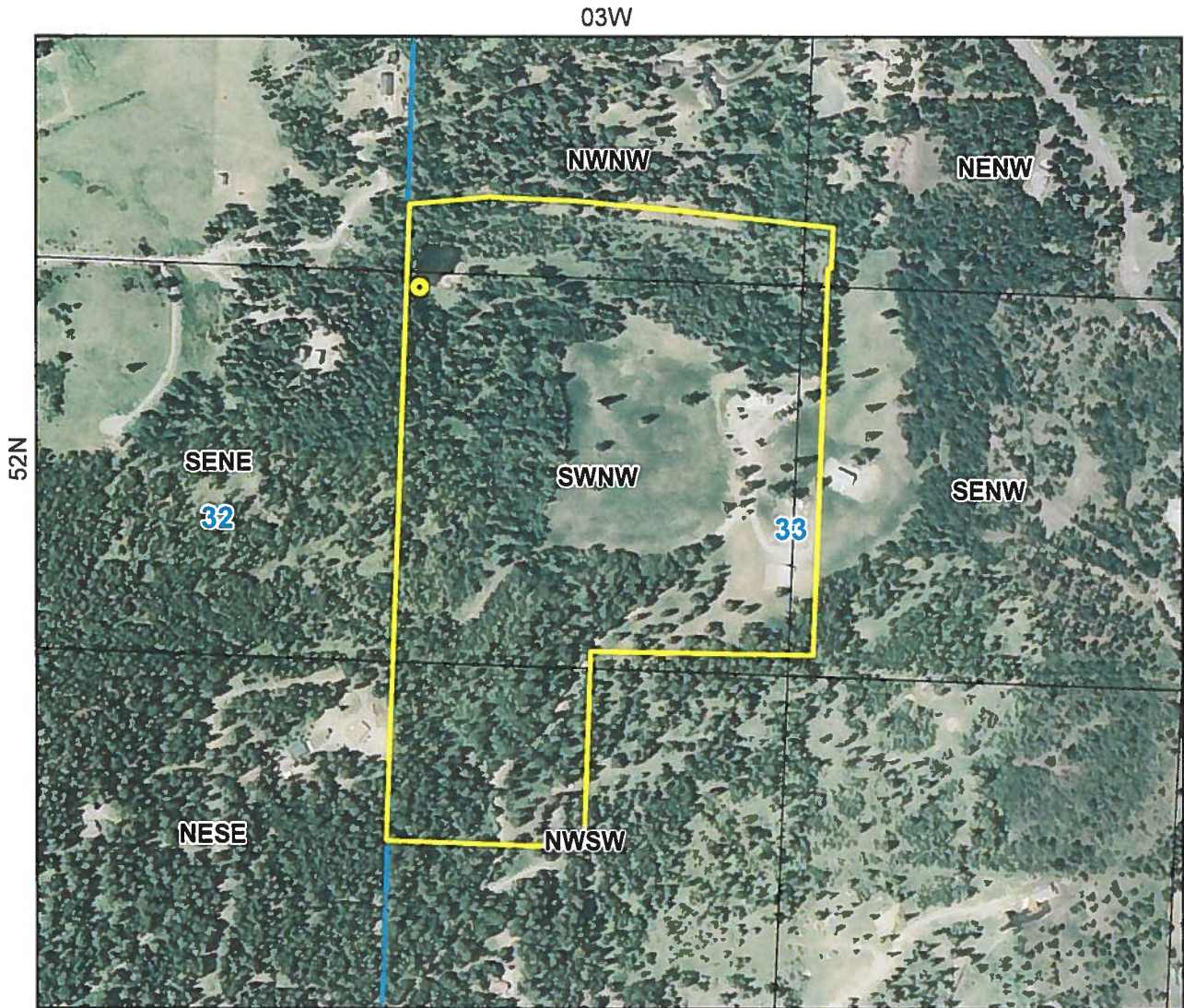
2.) 0.02 CFS (9 GALLONS PER MINUTE) STOCKWATER DIVERSION

3.) 7.3 AF STOCKWATER STORAGE	a.) POND SIZE	3.6 AF
	b.) EVAPORATION	1.6 AF
	c.) SEEPAGE	1.9 AF
	d.) STOCKWATER	<u>0.2 AF</u>
TOTAL		7.3 AF

4) 0.2 AF STOCKWATER FROM STORAGE

TOTAL STORAGE = 7.3 AF

State of Idaho
Department of Water Resources
Water Right License
95-12696

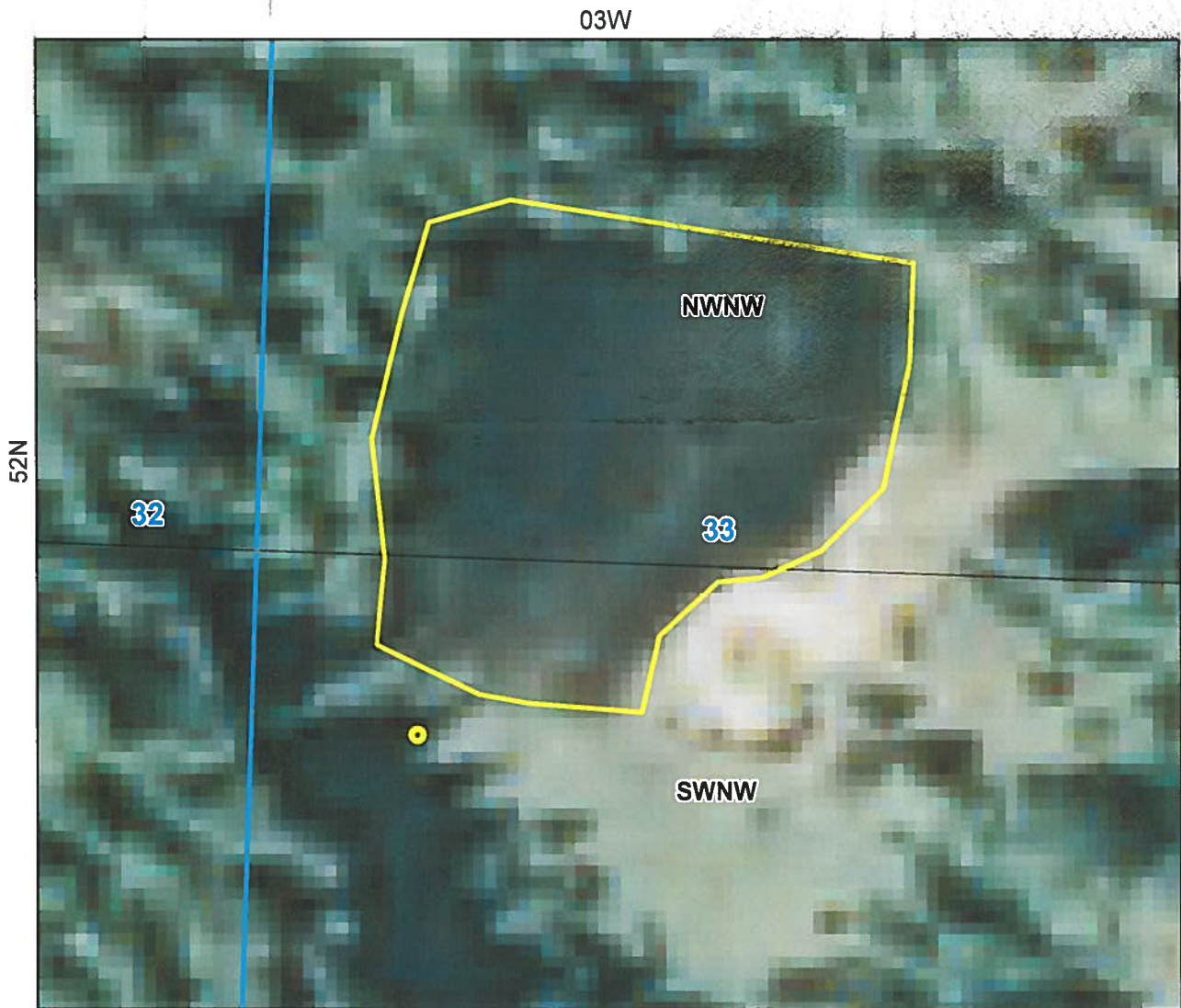


-  Point of Diversion
-  Place Of Use Boundary
-  Townships
-  PLS Sections
-  Quarter Quarters

0 0.075 0.15 0.3 Miles



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

0 0.005 0.01 0.02 Miles



License map for water right 95-12696

