STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 21-7405
Exam Date: 6/5/2014

1. Current Owner: COUNTY OF MADISON
134 E MAIN ST
PO BOX 389
REXBURG ID 83440
(208)356-3662

2. Accompanied by: None

3.

SOURCE	TRIBUTARY
QUAYLES LAKE	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 SYSTEM

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

QUAYLES LAKE SE1/4SE1/4 Sec. 18, Twp 07N, Rge 39E, B.M. FREMONT County

Method of Determination: Site Visit, Aerial Imagery

2.

PLACE OF USE: IRRIGATION

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
07N	39E	18																.5	.5

Total Acres: 0.5

Method of Determination: Site Visit, Aerial Imagery

3. _____ Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable.

__x___ Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.

__x___ 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

D. FLOW MEASUREMENTS

1.

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

2. Measurements: No measurements, there is no longer a point of diversion

E. FLOW CALCULATIONS _____Additional Computation Sheets Attached

Measured Method:

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$V_{I.R.}$ = (Acres Irrigated) x (Irrigation Requirement) = 0.5 x 3.5 = 1.75 AF (1.8AF)

$V_{D.R.}$ = [Diversion Rate (cfs)] x (Days in Irrigation season) x 1.9835 = .02 x 215 x 1.9835 = 8.53 AF

V = Smaller of $V_{I.R.}$ and $V_{D.R.}$ = 1.8 AF

2. Volume Calculations for Other Uses: None

G. NARRATIVE/REMARKS/COMMENTS

Based on aerial photography from 1992 to 2000 there was a lake and public access. Sometime during 2004 the lake disappeared, the land was sold and there is no longer any use.

Have conditions of permit approval been met? ___x__Yes _____No

H. RECOMMENDATIONS

1. Recommended Amounts

BENEFICIAL USE	PERIOD OF USE	DIVERSION RATE	ANNUAL VOLUME
IRRIGATION	04/01 to 10/31	0.020 CFS	1.80 AF
	Totals:	0.020 CFS	1.80 AF

2. Recommended Amendments

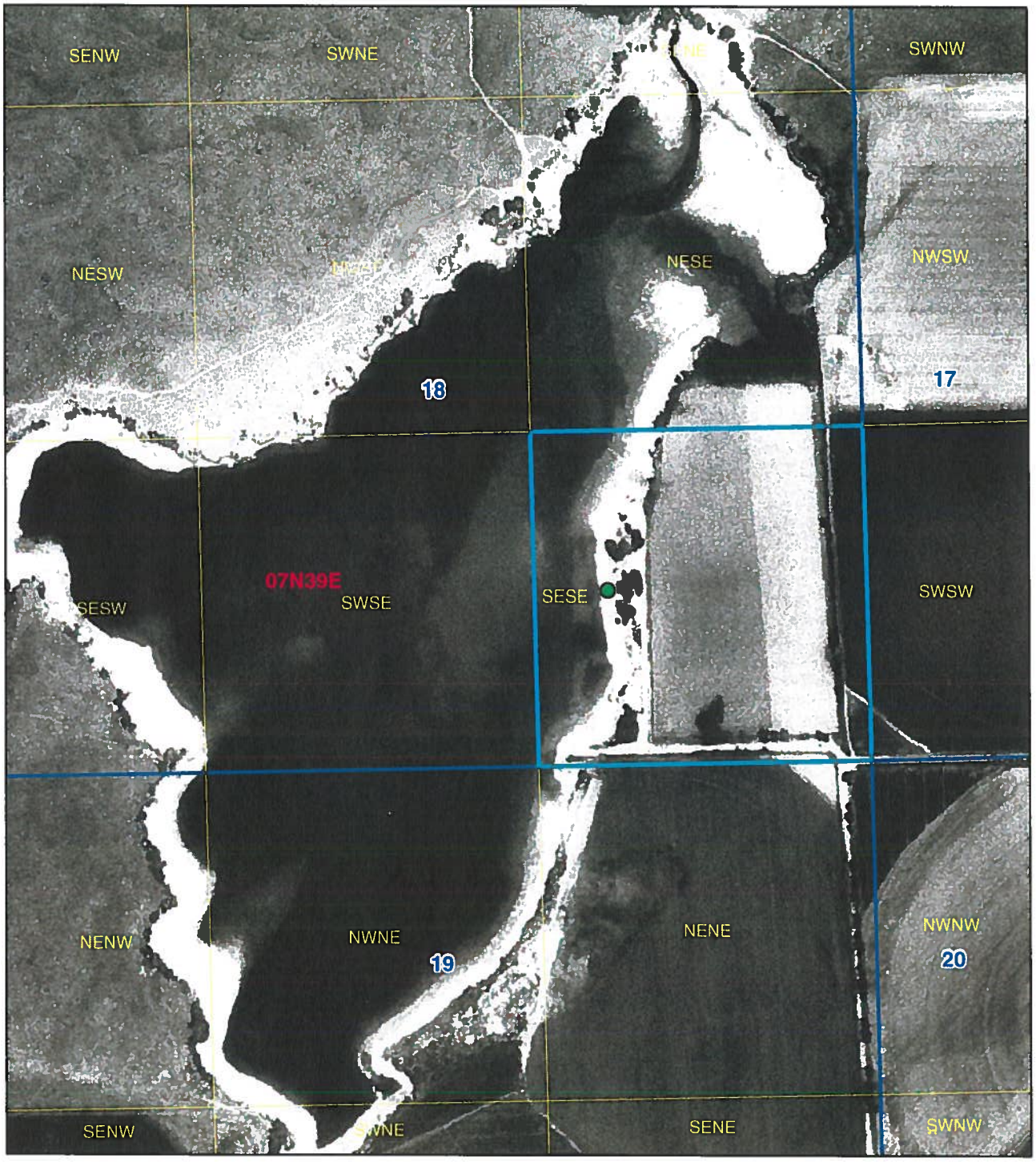
___Change P.D. as reflected above ___Add P.D. as reflected above _x__None

___Change P.U. as reflected above ___Add P.U. as reflected above ___Other

I. AUTHENTICATION

Field Examiner's Name Kerrie Matthews Date 6.5.14

Reviewer_____ Date_____



21-7405 Point of Diversion and Place of Use

N

1992-2000 Aerial Imagery

0 0.05 0.1 0.2 Miles

21-7405 Point of Diversion and Place of Use

N

2004 Aerial Imagery

0 0.05 0.1 0.2 Miles