

SHOEMAKER, ALVIN		
37-22797 CLAIM VR RECOMMENDATION		
BROCKWAY ENGINEERING, PLLC.		
ALR - APRIL 3, 2014	37-22797	
	BROCKWAY	IDWR
	AMENDED CLAIM	RECOMMENDATION
PRIORITY DATE	JULY 21, 1880	7/18/1953
SOURCE	SEAMANS CREEK	SEAMANS CREEK
QUANTITY	634 AF	10.80AFY
POINT OF DIVERSION	2N19E SEC. 33 NWNE	2N19E SEC 33 NWNE
USE	STORAGE FOR IRR, AESTHETIC, WILDLIFE, RECREATION, IRRIGATION FROM STORAGE	WILDLIFE STORAGE
POND SURFACE AREA	5.9 ACRES	2 ACRES
POND AVG. DEPTH	7 FEET	7 FEET
POND VOLUME	41.3 AF	5.6 AF
EVAPORATION	15.2 AF	15.2 AF
AFA	634	10.75
IRRIGATION	216.5 ACRES	0

Shoemaker, Alvin

E da How Ranch Upper Pond 37-2279

CEB 1/10/2013

Calculation of Storage for Irrigation-Upper Pond

Pond Area 5.87 acres

Pond average depth 7 feet

Cycling

Number of times/season 22

Average cycle delta elev. 2.5 feet

Physical volume -full 41.09 acre feet

Delta volume 15 acre feet per cycle

Annual cycle volume 322.9 acre feet /season

Evapotranspiration

Open Water 2.57 acft/acre/year Hailey Ranger station

Total Pond 15.2 af/year

Seepage Avg daily 0.3 ft/day
Season 168 day season
50.4 ft/season
Total pond 296

Total Storage for Irrigation 634 acre feet



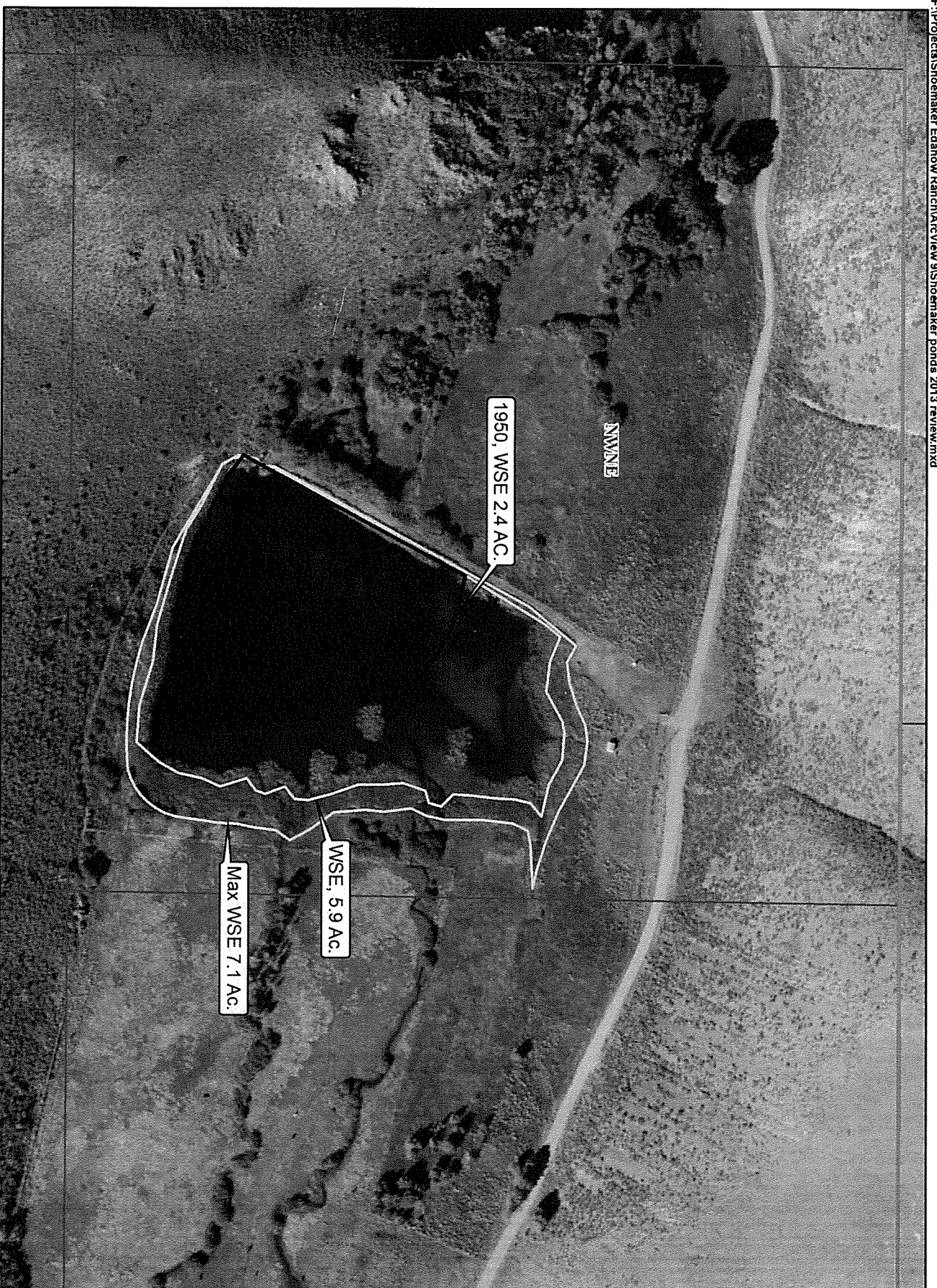
0 100 200 400 Feet

ALVIN V AND/OR SALLY P SHOEMAKER
PONDS ANALYSIS 1950
1950 SCS AERIAL PHOTO.

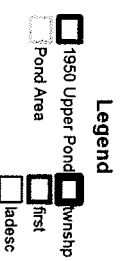
BROCKWAY ENGINEERING, PLLC
ALR - Date: 4/3/2014

Legend
1950 Upper Pond Sections
Pond Area
OO Lines

N



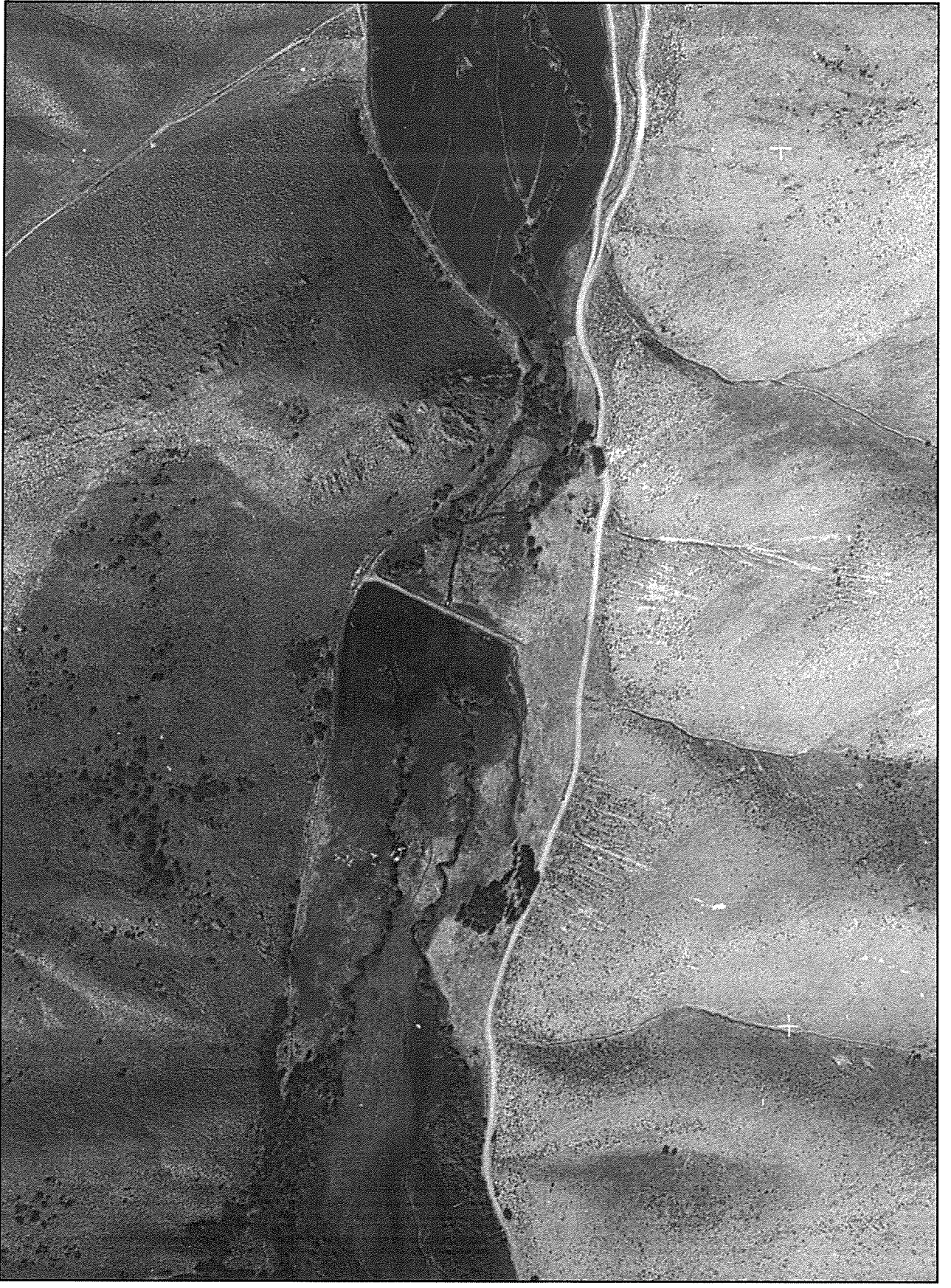
**ALVIN V AND/OR SALLY P SHOEMAKER
PONDS ANALYSIS 2013 VS. 1950
NAIP 2013 AERIAL**





BROCKWAY ENGINEERING, PLLC.
ALR - SEPT. 17, 2012

SHOEMAKER
PONDS HISTORICAL ANALYSIS
1964 FSA AERIAL PHOTO



BROCKWAY ENGINEERING, PLLC.
ALR - SEPT. 17, 2012

SHOEMAKER
PONDS HISTORICAL ANALYSIS
1969 FSA AERIAL PHOTO