

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 95-9515

Exam Date: 8/13/2015

1. Current Owner: ANTHONY MORSS
25233 S WELLER
WORLEY ID 83876
(208)765-1412

And/Or

JEANNE MORSS
25233 S WELLER
WORLEY ID 83876
(208)765-1412

2. Accompanied by: Jeanne Morss

3. SOURCE**TRIBUTARY**

GROUND WATER
UNNAMED STREAM

LAKE 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 NE1/4SE1/4 Sec. 13, Twp 48N, Rge 06W, B.M. KOOTENAI County

GROUND WATER NE1/4SE1/4 Sec. 13, Twp 48N, Rge 06W, B.M. KOOTENAI County

Method of Determination: GPS and maps. POD of dam at 47° 30.161, 117° 01.689

2.

PLACE OF USE: IRRIGATION 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	
48N 06W 13													X	X			

PLACE OF USE: IRRIGATION FROM STORAGE

Twp Rge Sec	NE				NW				SW				SE				Totals
48N 06W 13	<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>	4.3
													3.1	1.2			

Total Acres: 4.3

PLACE OF USE: WILDLIFE STORAGE

Twp Rge Sec	NE				NW				SW				SE				Totals
48N 06W 13	<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>	
													X	X			

Method of Determination: GPS and maps.

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.

<u>Well or Diversion</u> <u>ID No.*</u>	<u>Motor Make</u>	<u>Hp</u>	<u>Motor Serial No.</u>	<u>Pump Make</u>	<u>Pump Serial No. or Discharge</u> <u>Size</u>
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N/A

*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

1.

<u>Measurement</u> <u>Equipment</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>
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N/A

2. Measurements:

E. FLOW CALCULATIONS

Measured Method: N/A

☐ Additional Computation Sheets Attached

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 =$$

$$V = \text{Smaller of } V_{IR} \text{ and } V_{D.R.} =$$

2. Volume Calculations for Other Uses: SEE ATTACHED POND ANALYSIS SHEET

G. NARRATIVE/REMARKS/COMMENTS

FIELD EXAM SHOWED THAT BENEFICIAL USE WAS MUCH LESS THAN WHAT WAS APPLIED. APPLICANT HAD BUILT POND THAT WAS SUPPLIED BY UNNAMED STREAM AND GROUNDWATER. APPLICANT WAS NOT USING WATER FROM WELL TO SUPPLY POND BUT WAS ONLY USING WELL FOR DOMESTIC IRRIGATION AROUND HOME. APPLICANT WAS USING WATER FROM POND TO IRRIGATE WHEN NEEDED A LARGE AMOUNT OF TREES THEY HAD PLANTED. APPLICANT WOULD FILL TANK ON TRAILER ATTACHED TO ATV AND GO AROUND WATERING. WHEN AREA WAS MEASURED OUT WHERE ALL THE TREES WERE PLANTED IT CAME OUT TO 4.3 ACRES OF IRRIGATION. SEE ATTACHED POND ANALYSIS SHEET FOR DETAILS ON POND AND IRRIGATION.

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>
IRRIGATION STORAGE	01/01 to 12/31		15.20 AF
IRRIGATION FROM STORAGE	03/15 to 11/15		12.90 AF
WILDLIFE STORAGE	01/01 to 12/31		2.30 AF
<u>Totals:</u>			15.20 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 Adam Fendrich Date 2-5-2016

Reviewer Keith E. Frankel Date 2-12-2016

WATER RIGHT 95-9515
POND ANALYSIS SHEET

POND SIZE: 0.15 ACRES X 12 FEET DEEP = 1.8 AF

EVAPORATION: 407 GPD X 365 DAYS / 325,850 GAL/AF = 0.5 AF

SEEPAGE: NO SEEPAGE BECAUSE OF GROUNDWATER IN POND

IRRIGATION: 4.3 ACRES X 3 AF = 12.9 AF

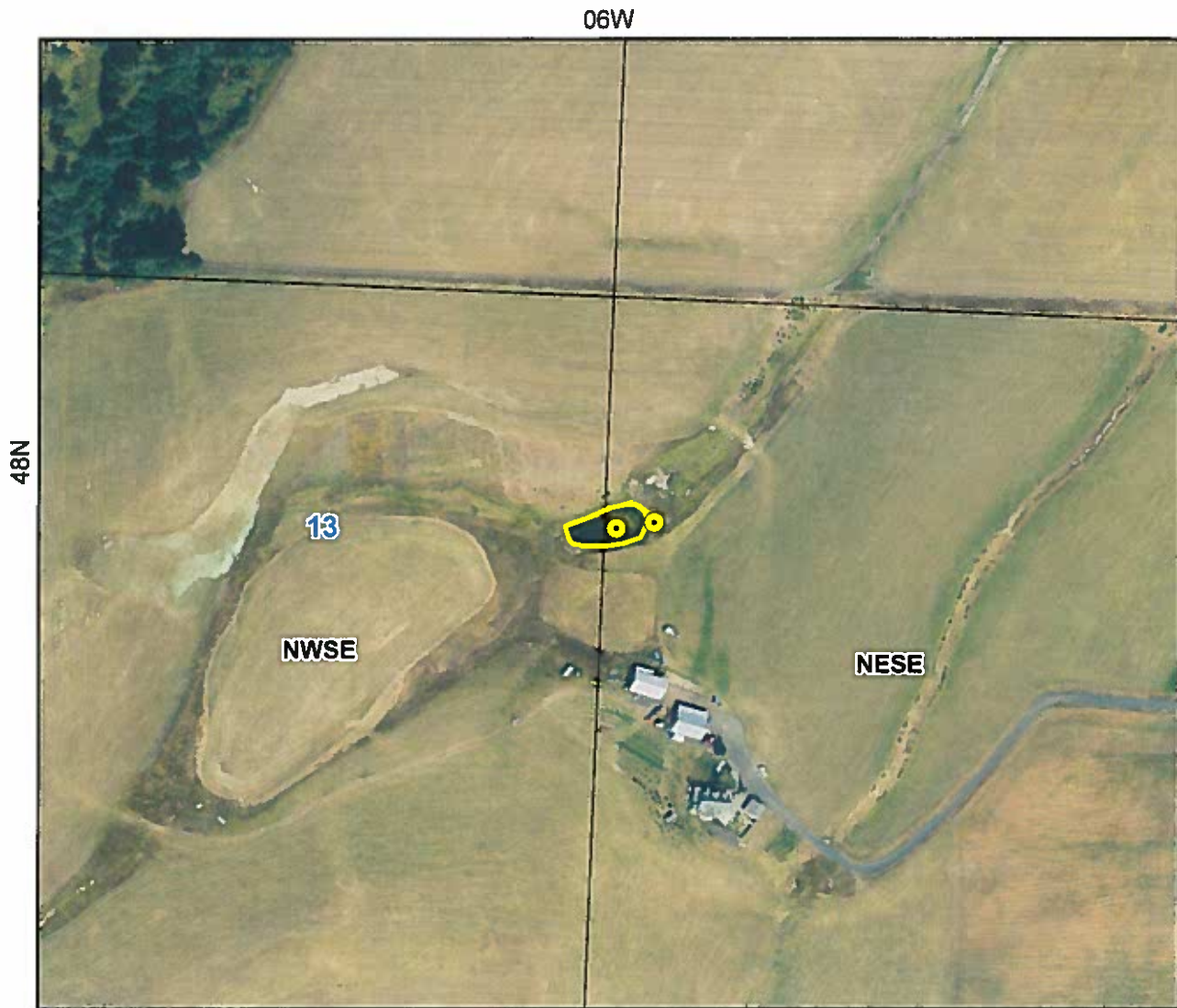
2.3 AF	WILDLIFE STORAGE	A) POND SIZE	1.8 AF
		B) EVAPORATION	0.0 AF
		C) SEEPAGE	0.5 AF
	TOTAL		2.3 AF

15.2 AF	IRRIGATION STORAGE	A) POND SIZE	1.8 AF
		B) EVAPORATION	0.0 AF
		C) SEEPAGE	0.5 AF
		D) IRRIGATION	12.9 AF
	TOTAL		15.7 AF

12.9 AF IRRIGATION FROM STORAGE

APPLICANT WAS NOT USING WELL TO PUMP WATER INTO POND. APPLICANT WAS USING WATER FROM WELL FOR DOMESTIC USES.

State of Idaho
Department of Water Resources
Water Right License
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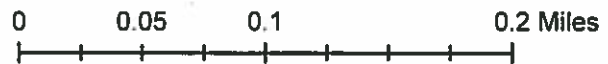
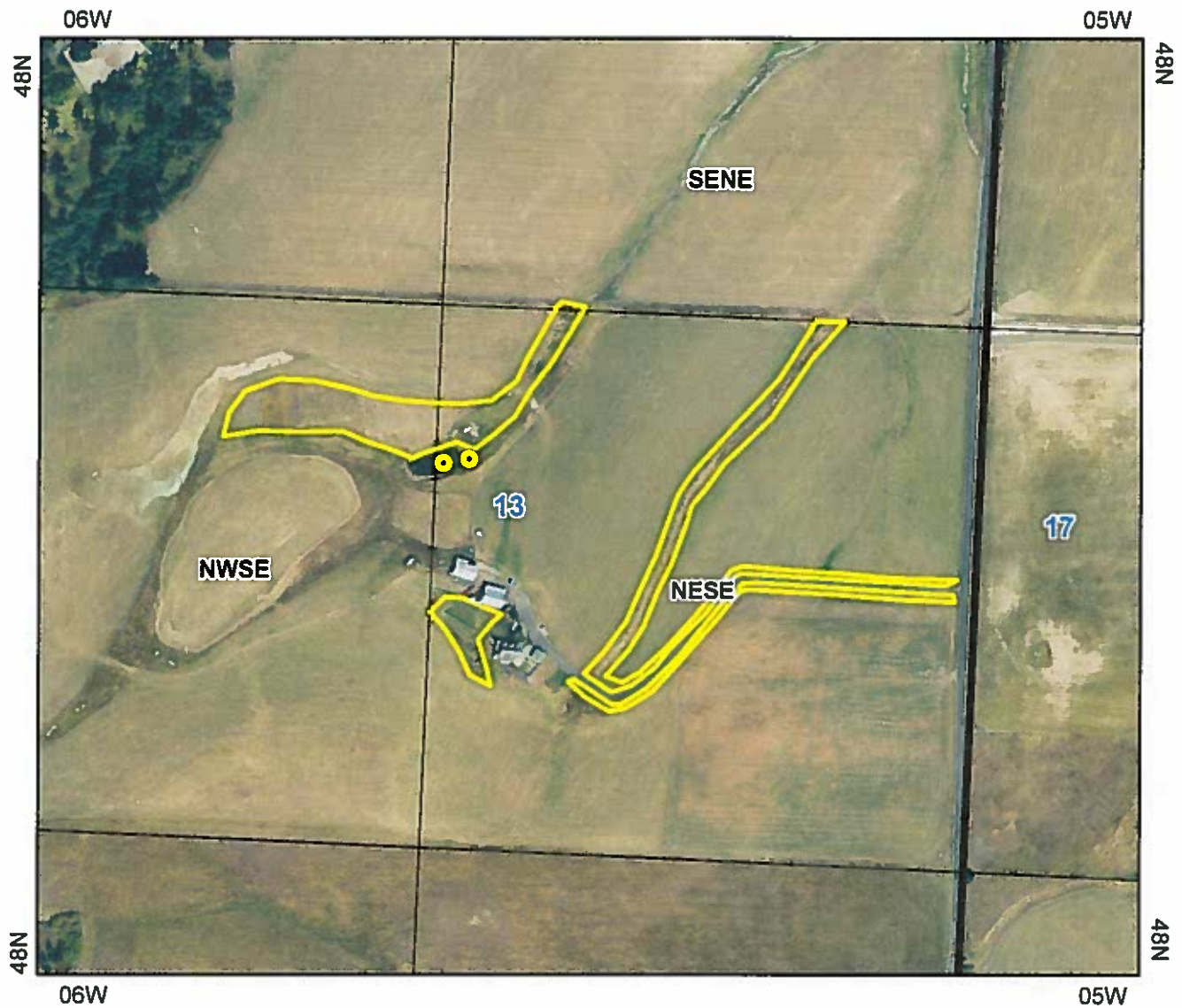


0 0.035 0.07 0.14 Miles

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



State of Idaho
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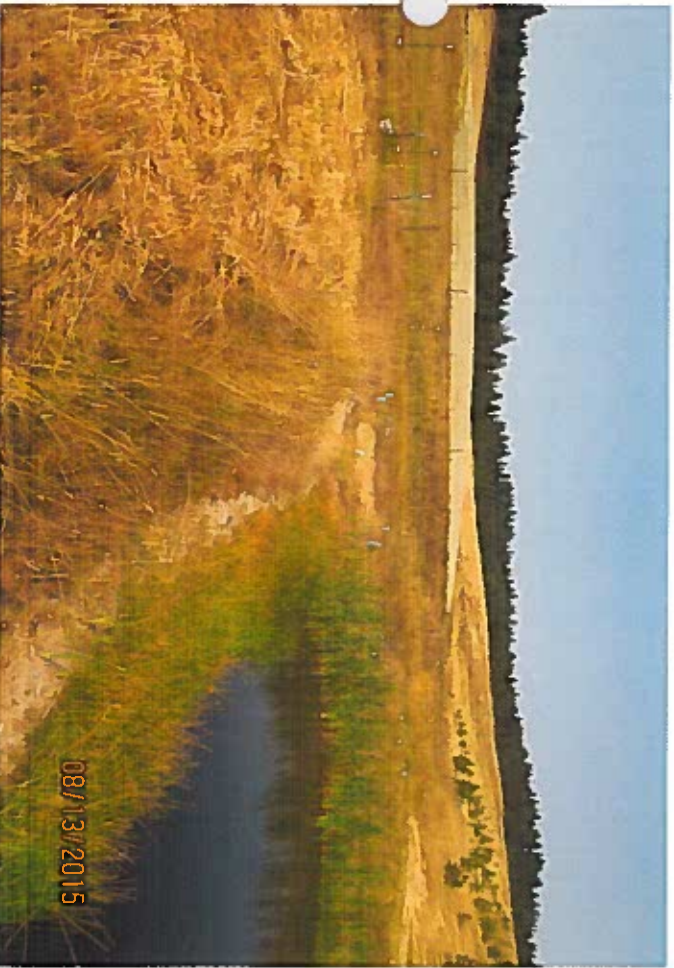
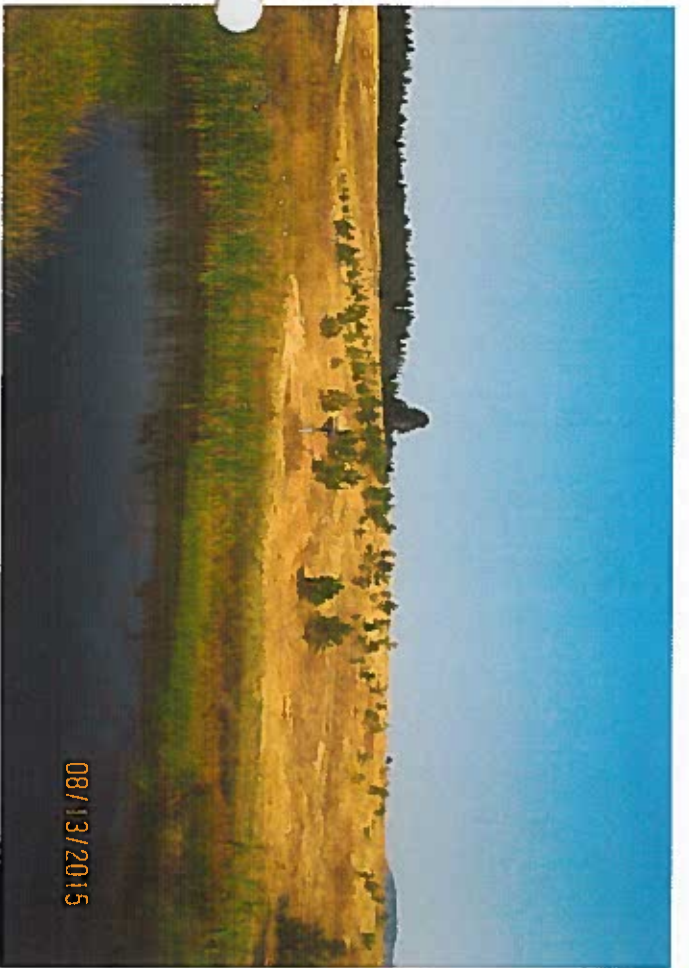


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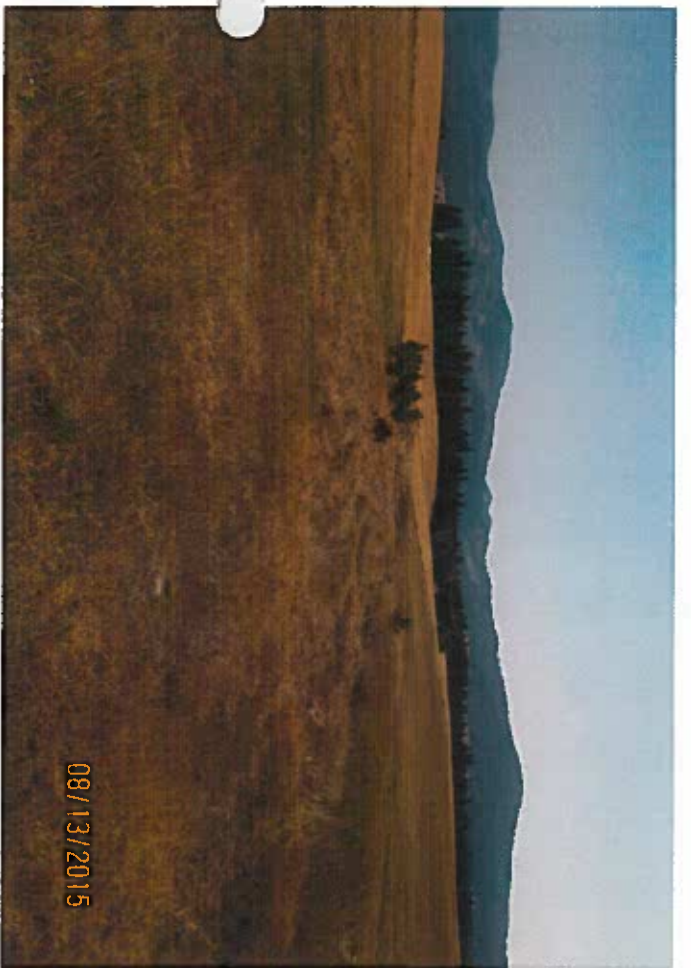




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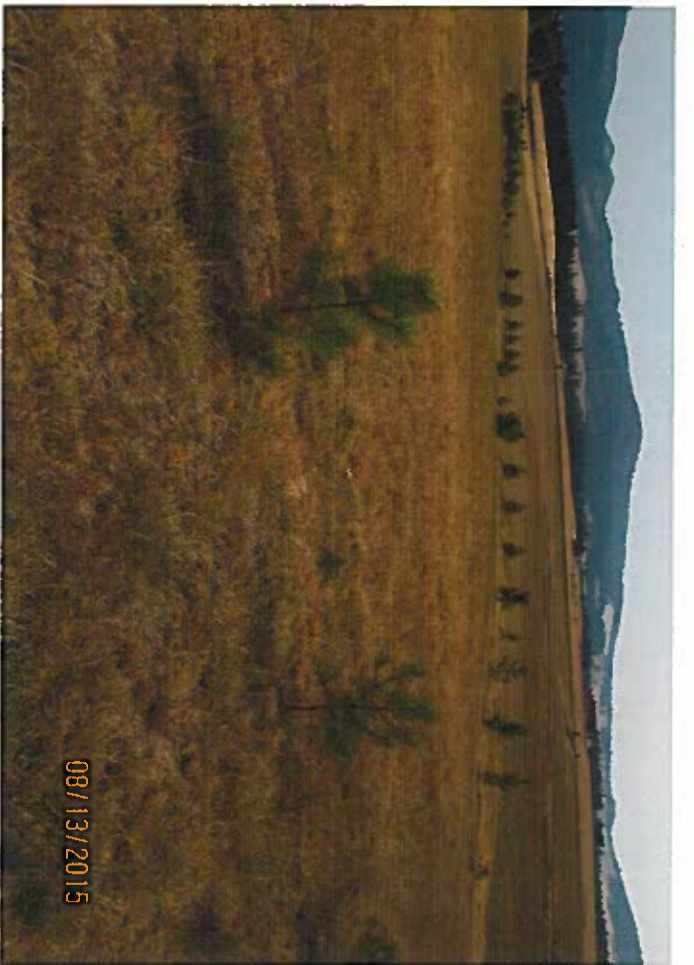


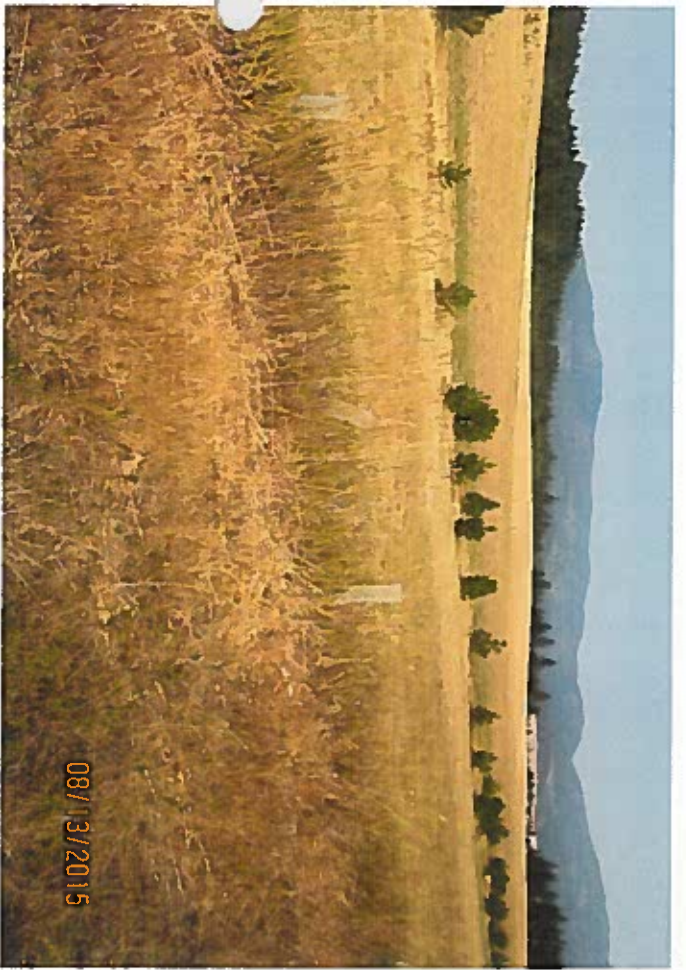
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