

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
IN-OFFICE REVIEW/BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 63-34049

Exam Date: 6/27/2016

1. Does this qualify for an in-office field exam (IDAPA 035.02.r)? ☒ Yes ☐ No
- a. Irrigation of 5 acres or less
- b. Storage of up to 14.6 AF for stockwater purposes only
- c. Any use other than irrigation or storage, if the combined diversion rate is 0.24 cfs or less
- d. Other < >

2. Current Owner: Name: Goodell Farms LLC
- Owner-of-Record Correct? ☒ Yes ☐ No
- Address-of-Record Correct? ☒ Yes ☐ No
- If No: <Address>

Available Gem County taxlot information shows the owner of the property as Goodell Farms LLC

3. Beneficial Use Fees have been paid: ☒ Yes ☐ No Receipt No: C102168

4. SOURCE**TRIBUTARY**

Ground Water

N/A

Method of Determination: An aerial photo showing the POU and POD was submitted with the application.

Change in Source: ☐ Yes ☒ No**B. OVERLAP REVIEW**

1. Other water rights with the same place of use: Overlap? ☐ Yes ☒ No

Water Right No.	Source	Purpose of Use	Basis

Comments: Although still showing as being within the service territory of Black Canyon Irrigation Company, the shares formerly associated with this property have been transferred to a different location. (See the narrative in Application for Permit 63-33030.)

2. Other water rights with the same point of diversion: Overlap? ☒ Yes ☐ No

Water Right No.	Source	Purpose of Use	Basis
63-33030	GW	Irrigation	License

Comments: This right covers the pivot corners which were not irrigated at the time of the field exam for 63-33030. A single well serves both 63-33030 and 63-34049.

C. DIVERSION AND DELIVERY SYSTEM**1. LOCATION OF POINT(S) OF DIVERSION:**

Source	Govt. Lot	¼	¼	¼	Sec.	TWP	RGE		County
Ground water			NE	SE	33	06N	03W	B.M.	GEM

Method of Determination: The well location GPS'd by field examiner on 10/2/2012 during the exam for 63-33030. The well has tag # D0060205.

The well is actually located in Gem County not Payette County as the permit states.

Change in POD? ☐ Yes ☒ No Amendment Required? ☐ Yes ☒ No but correct the county to Gem

2. **LOCATION OF PLACE(S) OF USE:** 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	
06N	03W	33													2.0	1.0			3.0

Method of Determination: The legal description in the permit is validated by PLS data and aerial photography.

Change in POU? ☐ Yes ☒ No Amendment Required? ☐ Yes ☒ No but correct the county to Gem

3.

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

The well and pump are the same as described in the Beneficial Use Field Report for 63-33030. The permit holder has installed additional pipelines which convey water from the well to additional sprinkler heads at the corners.

☒ Aerial Photo Attached (required for irrigation of 10+ acres).

☒ Photo of Diversion and System Attached (copied from Beneficial Use Field Report for 63-33030)

4. Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
Unknown.				Unknown submersible	

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

D. **FLOW MEASUREMENTS**

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

2. Measurements: In-office field exam. No measurements taken

E. **FLOW CALCULATIONS**

☐ Additional Computation Sheets Attached

Calculated = 0.06 cfs

Standard = 0.06 cfs

Permit allowed = 0.06 cfs

License recommended for 0.06 cfs.

F. **VOLUME CALCULATIONS**

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 3 \times 4.5 = 13.5$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.06 \times 260 \times 1.9835 = 30.9$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 13.5$$

Volume Calculations for Other Uses: N/A

License recommended for 13.5 af.

G. PURPOSE OF USEIrrigation ☒ Yes ☐ No # Stock _____ Domestic # of Homes _____

Other: < >

Change in Purpose of Use? ☐ Yes ☒ No

Method of Determination: Information in the water right file is consistent with aerial photography of the property.

If Yes: From Use _____ To Use _____ Amount _____ CFS _____ AFA _____

H. NARRATIVE/REMARKS/COMMENTS

Permit 63-34049 authorized a diversion from ground water of 0.06 cfs for irrigation purposes in the form of irrigation of 3 acres of pivot corners. Based on the small permitted diversion rate, this permit qualifies for an in-office field exam.

The legal description of the POU was used to locate the property. Available taxlot information shows that Goodell Farms LLC is the owner of the POU. The ISOS identifies Goodell Farms LLC as #W17564 and Michael R Goodell as the registered agent.

A map identifying the POU was submitted with the application and the intended new irrigation shape was outlined on that map. NAIP imagery is not available for 2016. The available landsat imagery is imprecise but sufficient to indicate irrigation of the POU. I created the 3-acre POU shape based on the existing pivot shapes for 63-33030 and the map included with the application for permit. The existing curves for the pivots were deliberately selected to be boundary curves for this right.

The POD shape is the well shape that was created for 63-33030. POD overlap review shows that the POD for Decreed Right 63-23685 is located on this property. Instead that well is likely located due North and within the Cone property at 7120 El Paso Rd; in the SENE rather than the NESE.

Overlap review showed that the POU had shares from BCID. However, the narrative in Application for Permit 63-33030 explains that those shares have been moved off of the property. Although the legal descriptions are correct, both the POU and the POD are listed to be in Payette County. Instead both are in Gem County. The incorrect county was listed on the application for permit and carried forward onto the permit. Most importantly, the application was advertised in Payette County rather than Gem County. However, the well and farming operation has been in place for many years without any recorded complaints. Therefore an amendment of the permit will not be required before making the correction and naming the correct county on the license.

The permit authorized the standard rate for irrigation use. I am recommending that rate for the license. I am not limiting the total rate of rights 63-33030 and 63-34049 to 0.86 cfs (the rate for licensed right 63-33030). I believe that additional rate is justified by the additional pipelines and sprinkler heads required to cover the corners.

Have conditions of permit approval been met? ☒ Yes ☐ No**I. RECOMMENDATIONS****1. Recommended Amounts**

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
Irrigation	03/01-11/15	0.06	13.5
	<u>Totals</u>	0.06 cfs	13.5 af

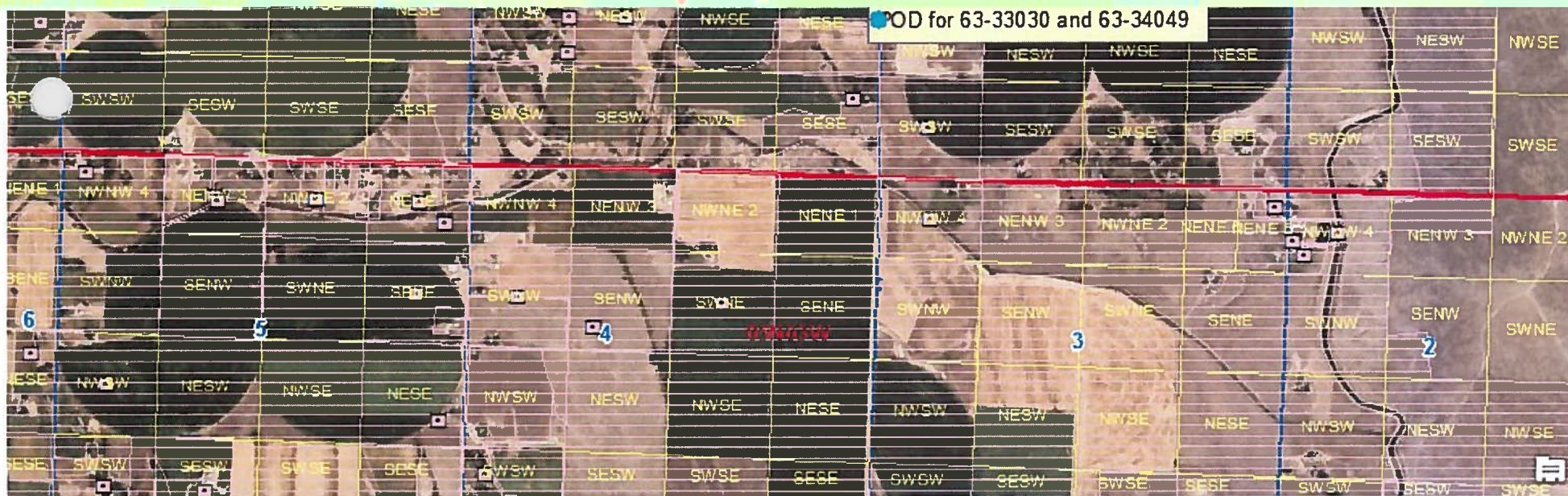
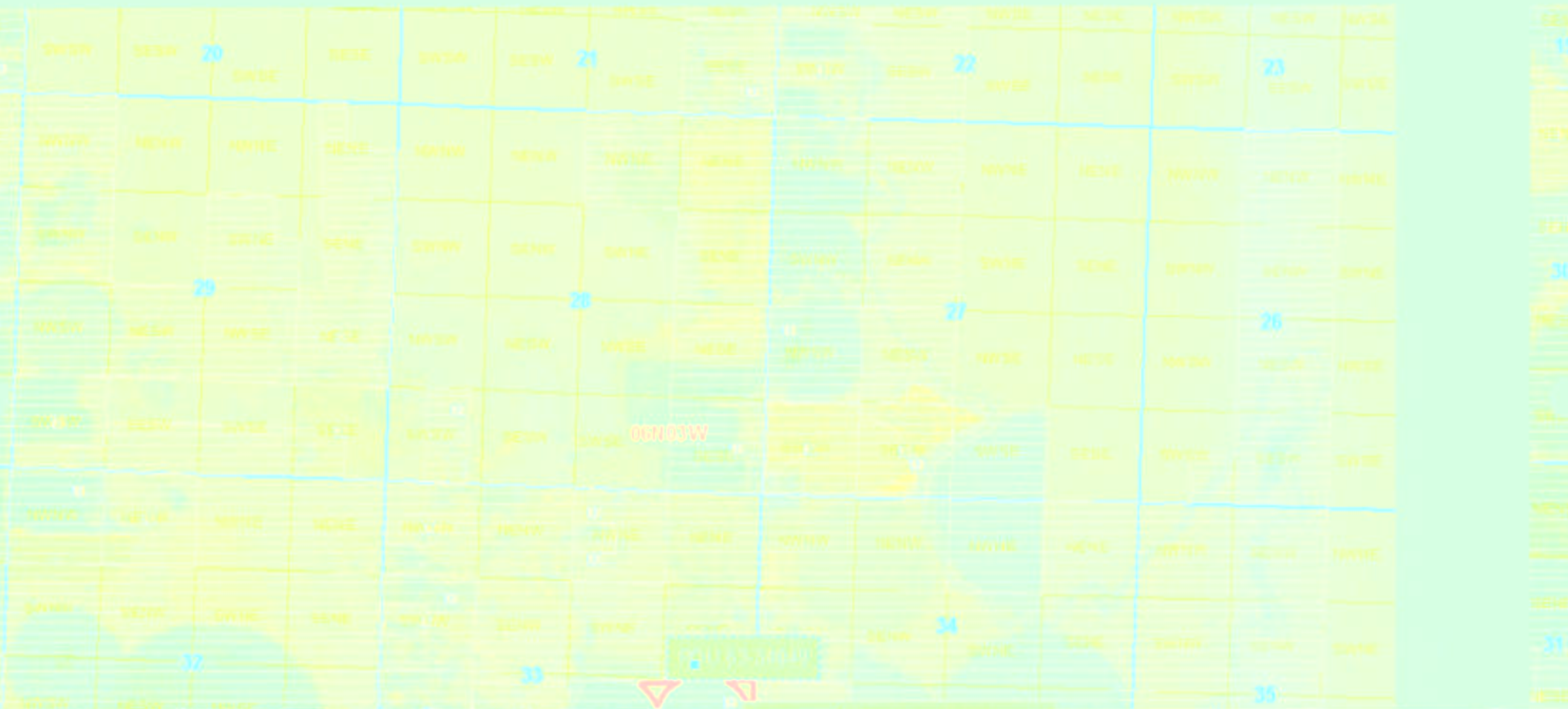
2. Recommended Amendments
☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None

☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

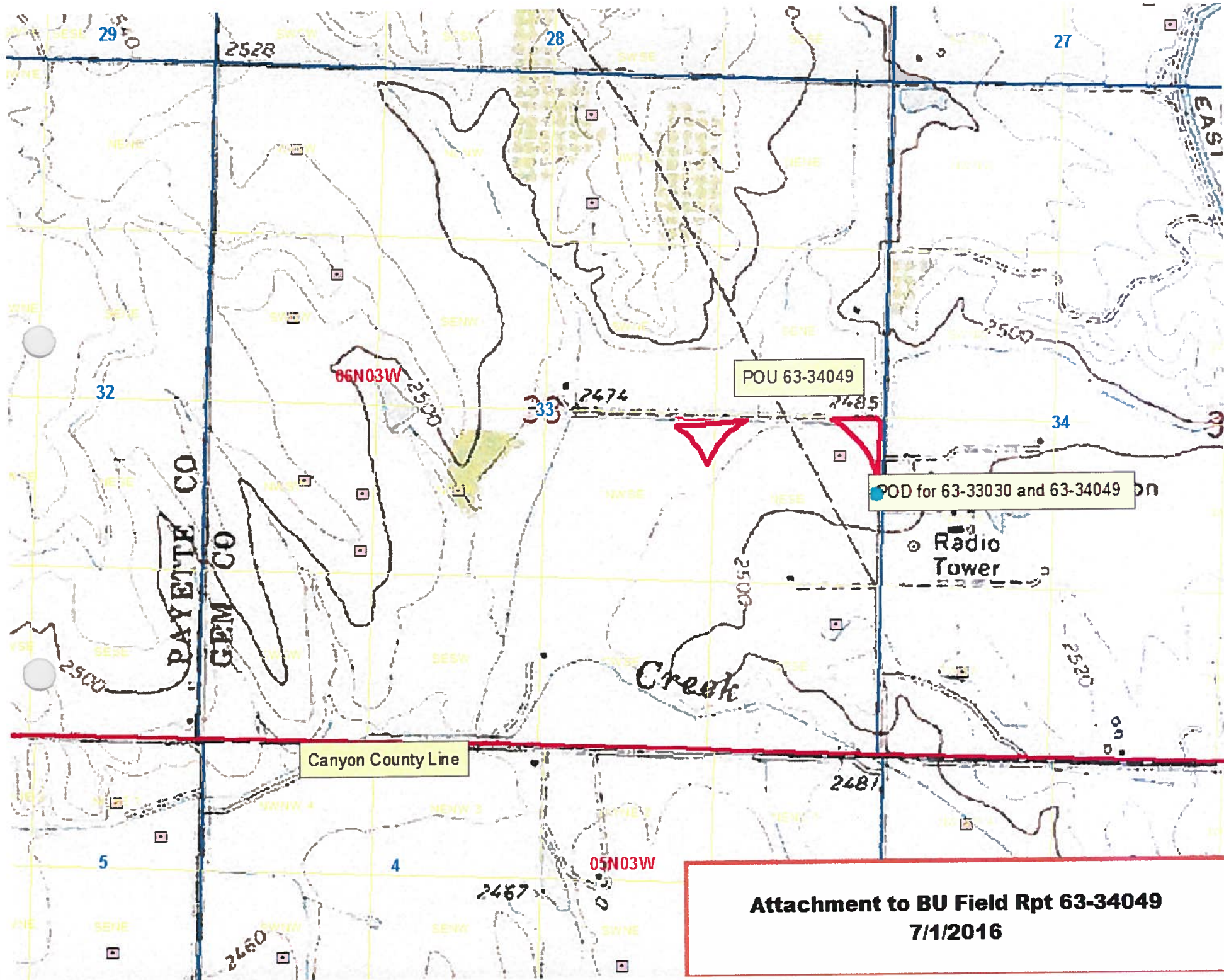
Other: < >

I. AUTHENTICATIONField Examiner's Name Michele Edl Date July 1, 2016

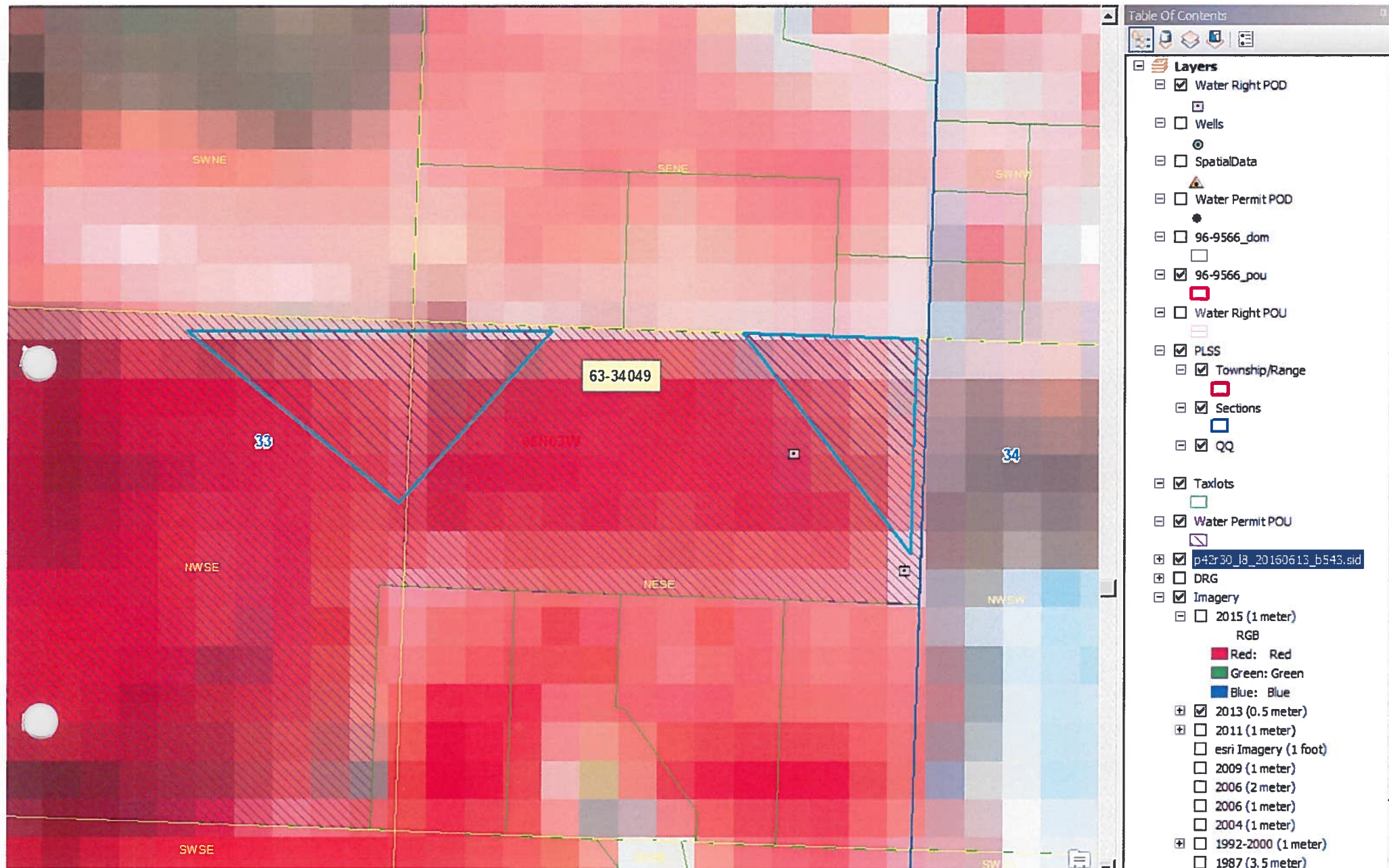
Reviewer _____ Date _____



Map at



Attachment to BU Field Rpt 63-34049
7/1/2016



LandSat Imagery attachment to BU Field Rpt 63-34049
7/1/2016

Overlap Analysis for License Review 63-34049 (Goodell Farms)										
TRS	Process	BasinSeque	Draft	Owner	Source	PODPOU	Use	NESE	NWSE	TotalAcres
06N03W33	Water Right	63-2322	N	UNITED STATES OF AMERICA ACTING THROUGH	ELIJAH SLOUGH	POU	IRRIGATION	X	X	
06N03W33	Water Right	63-2322	N	UNITED STATES OF AMERICA ACTING THROUGH	WILSON SLOUGH	POU	IRRIGATION	X	X	
06N03W33	Water Right	63-2878	N	BLACK CANYON IRRIGATION DIST	ELIJAH DRAIN	POU	IRRIGATION	X	X	
06N03W33	Water Right	63-2878	N	BLACK CANYON IRRIGATION DIST	WILSON DRAIN	POU	IRRIGATION	X	X	
06N03W33	Water Right	65-2433	N	UNITED STATES OF AMERICA ACTING THROUGH	PAYETTE RIVER	POU	IRRIGATION	X	X	
06N03W33	Water Right	65-2900	N	BLACK CANYON IRRIGATION DIST	TUNNEL NO 2 DRAIN	POU	IRRIGATION	X	X	
06N03W33	Water Right	63-33030	N	GOODELL FARMS LLC	GROUND WATER	POU	IRRIGATION	17	31	48
06N03W33	Water Right	63-34049	Y	GOODELL FARMS LLC	GROUND WATER	POU	IRRIGATION	2	1	3
				only true overlap is 63-33030; BCID shares were sold and are used elsewhere now						
TRS	Process	BasinSeque	Draft	Owner	Source	PODPOU	Use	NESE		
06N03W33	Water Right	63-23685	N	CONE, LOUISA A; CONE, RANDALL L	GROUND WATER	POD		X		
06N03W33	Water Right	63-33030	N	GOODELL FARMS LLC	GROUND WATER	POD		X		
06N03W33	Water Right	63-34049	Y	GOODELL FARMS LLC	GROUND WATER	POD		X		
				no true POD overlaps						
				Cone property is due north in SENE; SRBA decree appears to be incorrect						

63-33080 *in file*
Field exam photos for 84-12242. Photos taken by D. Owsley and C. Tesch on 10/2/2012



Photo 1. View of POD.



Photo 2. View of POD with pressure gauge.