

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

A. GENERAL INFORMATION

Exam Date: 3/20/2025

1. Does this qualify for an in-office field exam (IDAPA 37.03.02.035.01.r)? x Y N
- a. x 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: Todd & Anita Rex

Owner of Record Correct? X Y NAddress of Record Correct? X Y N

If No Explain:

3. Beneficial Use Fees have been paid: x Y N Receipt No: C118071

4. Source: Tributary:

GROUND WATER

N/A

Method of Determination: GIS ArcMap Tools, Aerial Imagery, and Taxlot Data.

Change in Source: Y x N**B. OVERLAP REVIEW**1. Other water rights with the same place of use: x No Overlap

Water Right No.	Source	Purpose of Use	Basis
63-28058	Ground Water	Domestic, Stockwater	Decreed
65-2900	Tunnel No 2 Drain	Irrigation	Decreed
65-2433	Payette River	Irrigation	Decreed
63-2878	Elijah Drain	Irrigation	Decreed
63-2322	Wilson Slough	Irrigation	Decreed

Comments: These water rights are all either for different properties, belong to Black Canyon Irrigation District, or belong to the Bureau of Reclamation.

2. Other water rights with the same point of diversion: x No Overlap

Water Right No.	Source	Purpose of Use	Basis

Comments:

C. DIVERSION AND DELIVERY SYSTEM

1. Location of Point(s) of Diversion:

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Ground Water			NW	SW	11	05N	03W	B.M.	Canyon

Method of Determination: GIS and Taxlot data.

Change in POD? Y x N Amendment Required? Y x N

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	
05N	03W	11										1.6							
		Lot #																	
Total Acres =																			1.6

Method of Determination: GIS, Tax Parcel Data, and 2023 Canyon County Aerial Imagery.

Change in POU? ☐Y ☒N Amendment Required? ☐Y ☒N

3. Diversion System Information:

Description:

☐ Delivery System Diagram Attached. (mark all major components and distances between components)☒ Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required).☒ Aerial Photo Attached (required)☐ Photo of Diversion and System Attached

3. Diversion Id No.*	Motor Make	HP	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
N/A	N/A	N/A	N/A	N/A	N/A

*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
N/A	N/A	N/A	N/A	N/A	N/A	N/A

2. Measurement Comments:

No measurement is required for an in-office examination per IDAPA 37.03.02.035.01.r.

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

Measured Method: (acres irrigated) x (generic diversion rate) = (1.6 acres) x (0.03 cfs/acre) = 0.048 cfs, which rounds to 0.05 cfs.

Comments:

No measurement is required for an in-office examination per IDAPA 37.03.02.035.01.r.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

 $V = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 1.6 \text{ acres} \times 4.5 \text{ acre feet} = 7.2 \text{ acre feet.}$

I.R.

 $V = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.05 \text{ cfs} \times 260 \times 1.9835 = 25.8 \text{ acre feet.}$

D.R.

 $V = \text{Smaller of } V_{\text{I.R.}} \text{ and } V_{\text{D.R.}} = 7.2 \text{ acre feet.}$

I.R. D.R.

2. Volume Calculations for Other Uses:

G. PURPOSE OF USEIrrigation ☒ Y ☐ N # Stock _____ Domestic # of Homes _____

Other: < >

Change in Purpose of Use? ☐ Y ☒ N

Method of Determination: GIS, Tax Parcel Data, 2023 Canyon County Aerial Imagery, and the permit holders Statement of Completion for Proof of Beneficial Use.

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

H. NARRATIVE/REMARKS/COMMENTS

This permit qualifies for an in-office exam because it is for irrigation of less than 5 acres. The exam was conducted on March 20, 2025, by Jared Klay. At the time of the exam, ownership of the permit is in the name of Todd & Anita Rex Current Canyon County taxlot data represents the permit holder owns the land appurtenant to the place of use (POU) and Point of Diversion (POD). Proof of Beneficial Use was submitted on April 1, 2024.

2.3 acres were listed on the permit and the permit holder stated on their statement of completion of beneficial use that they were irrigating 2.3 acres. However, further review using Google Earth imagery and GIS data verifies that the irrigated place of use comes to 1.6 acres. Therefore, I am recommending the place of use for irrigation as 1.6 acres, with a diversion rate of 0.05 CFS and an annual volume of 7.2 AF.

All the conditions of this permit have been met. Condition 121 will be replaced with Condition 103 per the usage description. Conditions 26A and 046 will be dropped because the well has been completed and the permit holder submitted their statement of completion of beneficial use. All other conditions will be carried over to the license.

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	0.05 CFS	7.2 AF
<u>Totals:</u>		0.05 CFS	7.2 AF

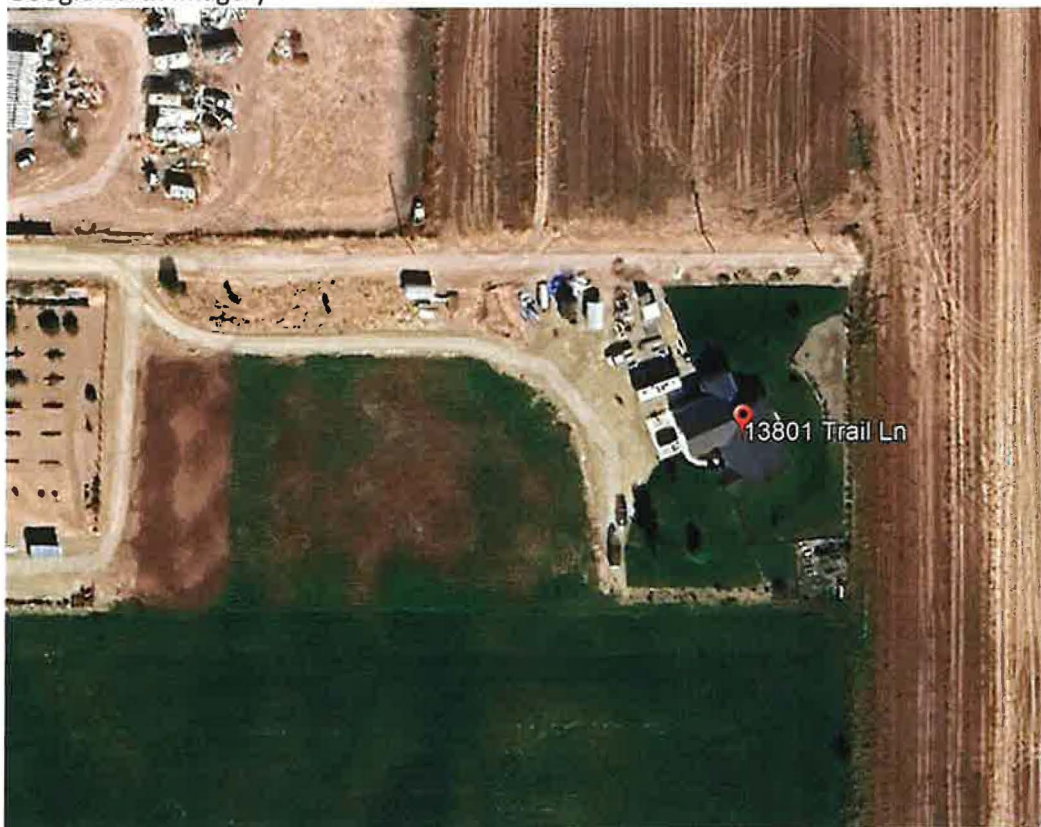
2. Recommended Amendments:

☐ 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 ☒ None**J. AUTHENTICATION – Jared Klay**Field Examiner's Jared Klay Date 4/14/2025Reviewer [Signature] Date 4/22/25

Map showing the authorized point of diversion (yellow point) and irrigated place of use (yellow outline).



Google Earth Imagery



IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT1. WELL TAG NO. D 0077508Drilling Permit No. 885211

Water right or injection well # _____

2. OWNER:

Name Deko BuildersAddress 13795 Trapper Ln.City Caldwell State Id Zip 83607

3. WELL LOCATION:

Twp. 05 North ☒ or South ☐ Rge. 03 East ☐ or West ☒Sec. 11 1/4 NW 1/4 SW 1/4Gov't Lot _____ County CANYONLat. 43 47 ° 153 (Deg. and Decimal minutes)Long. 116 40 ° 072 (Deg. and Decimal minutes)Address of Well Site 13801 Trail Ln.City CaldwellLot. 3 Blk. 1 Sub. Name Smallwood trail

4. USE:

☒ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation ☐ Thermal ☐ Injection
☐ Other _____

5. TYPE OF WORK:

☒ New well ☐ Replacement well ☐ Modify existing well
☐ Abandonment ☐ Other _____

6. DRILL METHOD:

☒ Air Rotary ☐ Mud Rotary ☐ Cable ☐ Other _____

7. SEALING PROCEDURES:

Seal material	From (ft)	To (ft)	Quantity (lbs or ft³)	Placement method/procedure
<u>Bentonaite</u>	<u>0</u>	<u>38</u>	<u>1,300</u>	<u>Dry pour</u>

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/Schedule	Material	Casing Liner	Threaded	Welded
<u>6"</u>	<u>+2</u>	<u>283</u>	<u>250</u>	<u>Steel</u>	☒	☐	☒

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 283'

9. PERFORATIONS/SCREENS:

Perforations ☐ Y ☒ N Method _____Manufactured screen ☒ Y ☐ N Type Johnson S.S.Method of installation Jet in

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule
<u>284</u>	<u>289</u>	<u>16</u>		<u>5"</u>	<u>SS.</u>	

Length of Headpipe 5' Length of Tailpipe _____Packer ☒ Y ☐ N Type 3 rib & packer

10. FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft³)	Placement method
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11. FLOWING ARTESIAN:

Flowing Artesian? ☐ Y ☒ N Artesian Pressure (PSIG) _____

Describe control device _____

12. STATIC WATER LEVEL and WELL TESTS:

Depth first water encountered (ft) 180 Static water level (ft) 122Water temp. (°F) Less than 85 Bottom hole temp. (°F) Less than 85Describe access port 6" Well cap

Well test:

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)
<u>60</u>	<u>55</u>	<u>40</u>

Test method:

Pump	Ballor	Air	Flowing artesian
☐	☐	☒	☐

Water quality test or comments: _____

13. LITHOLOGIC LOG and/or repairs or abandonment:

Bore Dia. (in)	From (ft)	To (ft)	Remarks, lithology or description of repairs or abandonment, water temp.	Water	
				Y	N
<u>10</u>	<u>0</u>	<u>5</u>	<u>Top soil</u>		☒
	<u>5</u>	<u>11</u>	<u>Hard pan</u>		
	<u>11</u>	<u>16</u>	<u>Brown clay</u>		
	<u>16</u>	<u>22</u>	<u>Brown sandy clay</u>		
	<u>22</u>	<u>33</u>	<u>Brown clay</u>		
	<u>33</u>	<u>38</u>	<u>Brown sand clay</u>		
<u>6</u>	<u>38</u>	<u>60</u>	<u>Brown sandy clay</u>		
	<u>60</u>	<u>68</u>	<u>Sand</u>		
	<u>68</u>	<u>130</u>	<u>Sandy clay</u>		
	<u>130</u>	<u>167</u>	<u>Brown clay</u>		
	<u>167</u>	<u>170</u>	<u>Sandy clay</u>		
	<u>170</u>	<u>180</u>	<u>Brown clay</u>		
	<u>180</u>	<u>198</u>	<u>Sand with gravel mix</u>	☒	
	<u>198</u>	<u>215</u>	<u>Brown clay</u>		
	<u>215</u>	<u>245</u>	<u>Heavy sand</u>	☒	
	<u>245</u>	<u>262</u>	<u>Sandy clay</u>	☒	
	<u>262</u>	<u>284</u>	<u>Hard brown clay</u>		☒
	<u>284</u>	<u>289</u>	<u>White sand</u>	☒	

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WATER RESOURCES
WESTERN REGIONCompleted Depth (Measurable): 289'Date Started: 3/6/2018 Date Completed: 3/12/2018

14. DRILLER'S CERTIFICATION:

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Company Name Patgiot Well Drilling Co. No. 741*Principal Driller [Signature] Date 7/6/2018

*Driller _____ Date _____

*Operator II _____ Date _____

Operator I _____ Date _____

* Signature of Principal Driller and rig operator are required.