

FIELD EXAM CHECKLIST
 PERMIT # 65-23620 STAFF Cp DATE 11/15/16
PREPARE LICENSING FILE (Left side)

- ☒ Copy of permit approval & proof report (place on top)
☒ Copy of original application for permit
☒ Copy of Proof of Beneficial Use Exam fee required \$ 0 Exam fee paid \$ 0
☒ Copies of any Amendments/Assignments/Ownership Docs

EXAM PREPERATION (Right side)

- ☐ Blank Beneficial Use Field Report form
☐ Aerial photo (system diagram map to be completed with permit owner)
☐ Well log (attach to field exam)
 Conditions: Measuring device requirements? _____ Installed? _____
 Other (supplemental conditions, limits, etc.)? _____
 Overlap: POD? _____
 POU? _____

Ownership

Taxlot / ID SOS match?

If new owner, collect Assignment of Permit form / Ownership Change form in field.

EXAM APPOINTMENT

owner or rep phone #? _____

Owner or rep will be present at exam (someone familiar with system)¹?

Exam date/time/place?

If cannot get from web or other references: directions to site? approx driving time from office?

System on/operating normally during exam (not always required)?

SYSTEM INFOPump Diversion

Approx HP?

Owner can provide pump curve?

Pump set or lift?

Approx operating psi?

Approx mainline pipe diameter?

Approx # sprinklers? Nozzle size?

Gravity Flow

Ditch capacity?

Weirs or Flumes installed?

Special Remarks:**POST FIELD EXAM**

- ☒ Exam date data entered
☒ Ad Hoc data entry & license shapes
☒ Exam file prepared – see N:\WR Field Exams\LicenseFileOrganization
☒ Licensing amendments required _____ If so, received?
☒ Draft license & WR Layout maps OR _____ Void permit

¹ OK to do exam w/o anyone present if owner agrees in advance, provides info so you can find p/d, how system works, how recognize p/u etc. Usually limited to small systems – spring/creek/well for cabins, few acres irrigation, minor stockwater/wildlife/recreation etc.

10/21/2016

IN-OFFICE BENEFICIAL USE FIELD REPORT

Permit No: 65-23620

Examiner: CP

AG Reviewer 12/9/16 Date: 11/15/16

In-office qualification (IDAPA 035.01.r):

- ☒ Irrigation ≤ 5 acres
☐ Stockwater storage ≤ 14.6 af
☐ Total diversion rate ≤ 0.24 cfs and not irrigation or storage

Current Owner Name: Albert Coulter

Address: 106 W. Boise St. Horseshoe Bend, ID 83629

Beneficial Use Fee Paid: \$0.00

Receipt: Not Required since $< .04$ cfs from groundwater

Source: Groundwater

 Source change? ☒ N ☐ Y Change clarifies originally intended source.
 If not – void permit.

Point of Diversion			NE				NW				SW				SE			
Twp	Rge	Sec	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE
07N	02E	27														X		

Method of Determination: Aerial imagery confirmed with digital PLS mapping

POD change? ☒ N ☐ Y

Place of Use			NE				NW				SW				SE				Totals
Twp	Rge	Sec	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
07N	02E	27														0.5			0.5

Method of Determination: Measured irrigated land using ArcMap tools and digital PLS mapping

POU change? ☒ N ☐ Y

Purpose of Use: Irrigation

Purpose change? ☒ N ☐ Y

Method of Determination: Irrigation use found on the property

Standard Season of Use: 03/15 - 10/31

Update required on license? ☒ N ☐ Y**Overlap Review**POD overlap? ☒ N ☐ Y WR's:Analysis Attached ☒

Comments: New POD with no water rights associated to it

POU overlap? ☒ N ☐ Y WR's:

Comments: Water rights within the Q-Q pertinent to neighboring properties

Diversion Rate

Permitted Rate: 0.01 cfs

BU Standard Limit: 0.02 cfs

BU Fee Limit: 0.04 cfs

Theoretical (optional): cfs

Recommended Total Div Rate: 0.01cfs**Annual Volume**

For Irrigation:

0.01 cfs x 1.9835 x 231 days = 4.6 af

0.5 acres x 4.5 af/ac (FHR) = 2.3 af

Smaller of two volumes = 2.3 af

For other uses: no other uses

IN-OFFICE BENEFICIAL USE FIELD REPORT

Recommended Amounts

Beneficial Use	Season of Use	Diversion Rate (cfs)	Annual Volume (af)
Irrigation	03/15 - 10/31	0.01	2.3

Totals

0.01 cfs

2.3 af

Amendments Required☐ Change P.D.☐ Add P.D☒ None☐ Change P.U.☐ Add P.U.☐ Other:

Conditions: Drop condition 046, update condition 121 to 103 at licensing, use X31 in place of R69

Have conditions of permit been met? ☒ Y ☐ N

Narrative:

Permit 65-23620 authorized the diversion of 0.01 cfs for the irrigation of 0.5 acres, qualifying this permit for an in-office field examination. Exam was completed on 11/15/16 at the IDWR Western Region office by WRA Cody Parker.

The legal description of the POU & POD were used to locate the property owned by Albert Coulter. I was able to delineate 0.5 acres of land, from aerial photography, to be used for irrigation according to the permit. The POD had no specific location associated with it. A well log for the POD is not available, because the total depth is less than 18 ft (17.5'). The permit holder has instead submitted a well diagram to show the dimensions of the constructed well. The POD and POU appear to be in the NWSE QQ government lot 2 when viewed in Arcmap using the PLS digital map. However, looking at the BLM survey, gov. lot 2 is on the eastern shore of the Payette. The survey instead indicates that the property may be in government lot 7, which is in a different quarter section, so the description works best when left as is. This indicates that the entire property is contained within the NWSE QQ and the description should locate the POD in this QQ.

A review of the available water right spatial data showed that there are no water rights which overlap the POU or POD.

The diversion rate suggested for the license is 0.01 cfs, with an annual volume of 2.3 af. This diversion rate corresponds to the rate requested in the Application for Permit.

Finally, I have also change the tributary status from the permit to the license. The permit had listed the groundwater source as tributary to the Payette River. However, there is no available evidence to suggest that the groundwater through this reach feeds the river water supply. There are are no IDWR admin area designations that ground water is a tributary to the Payette at this location.

Workflow

Exam Date Entered ☒
 POU/POD shapes ☒
 Combined Rights Entry ☐
 Wild & Scenic Entry ☐
 Draft License and Map ☒
 Other:

Supporting Documents

Aerial Photograph ☒ Well Log ☐
 Photographs ☐ Diagrams ☒
 LandSat ☐ Theoretical ☐
 Other:
 Site Visit ☐ Date:

Grimm, Angie

From: Tim Kalac [TKalac@innergex.com]
Sent: Monday, November 07, 2016 5:55 PM
To: Grimm, Angie
Subject: RE: Coulter Well Project

Angie,

Yes , please send a copy for our completion record.

Tim Kalac

Hydro Station Manager - Horseshoe Bend Plant

Innergex

Tel: 208 793-2833 Cell: 208 559-8398

www.innergex.com

From: Grimm, Angie [Angie.Grimm@idwr.idaho.gov]
Sent: Monday, November 07, 2016 1:06 PM
To: Tim Kalac
Subject: RE: Coulter Well Project

Tim,

Thank you. I will email you when I receive the form. Also, we will likely license relatively soon after (within 1 month) of receiving the form so Mr. Coulter will get a license in the mail. I can ask that you receive a copy of the water right license as well if you'd like.

Regards,
Angie

Angela M. Grimm, P.G.
Water Rights Supervisor
IDWR - Western Region
2735 Airport Way
Boise, ID 83705-5082
(208) 334-2190 phone
(208) 334-2348 fax

-----Original Message-----

From: Tim Kalac [<mailto:TKalac@innergex.com>]
Sent: Monday, November 07, 2016 10:20 AM
To: Grimm, Angie
Subject: RE: Coulter Well Project

Angie,

I put the document in the mail this morning.

Thank you again

Tim Kalac

Hydro Station Manager - Horseshoe Bend Plant

Innergex

Tel: 208 793-2833 Cell: 208 559-8398

www.innergex.com

From: Grimm, Angie [Angie.Grimm@idwr.idaho.gov]
Sent: Monday, November 07, 2016 7:36 AM
To: Tim Kalac
Subject: RE: Coulter Well Project

Tim,

I apologize I may not have wrapped this up completely. We have all the information, we just need the original signed copy of the Statement of Completion. Could you mail the original to my attention at the address below?

Thanks,
Angie

Angela M. Grimm, P.G.
Water Rights Supervisor
IDWR - Western Region
2735 Airport Way
Boise, ID 83705-5082
(208) 334-2190 phone
(208) 334-2348 fax

-----Original Message-----

From: Tim Kalac [<mailto:TKalac@innergex.com>]
Sent: Saturday, November 05, 2016 10:30 AM
To: Grimm, Angie
Subject: Coulter Well Project

Angie,

Albert Coulter contacted me with concerns as to receiving a letter in reference to his permit dead line.

Albert Coulter's permit number # 65-23620

Can you confirm and send to me by e-mail , that all is complete on this project.

If I am not complete , please send further requirements so we do not exceed permit dead line.

Thank you for all your help on this project.

Tim Kalac

Hydro Station Manager - Horseshoe Bend Plant

Innergex

Tel: 208 793-2833 Cell: 208 559-8398

www.innergex.com<<http://www.innergex.com/>>

Grimm, Angie

From: Tim Kalac [TKalac@innergex.com]
Sent: Thursday, October 06, 2016 8:33 AM
To: Grimm, Angie
Subject: FW: Albert Coulter's well
Attachments: Coulter well diagram.PDF

Angie

This is the diagram sent by Haz Tech for the well placed at Albert Coulters.

Tim Kalac

Hydro Station Manager - Horseshoe Bend Plant

Innergex

Tel: 208 793-2833 Cell: 208 559-8398

www.innergex.com

From: Haztech Drilling [haztech@mindspring.com]
Sent: Wednesday, October 05, 2016 4:51 PM
To: Tim Kalac
Subject: RE: Albert Coulter's well

Hi Tim.
Here's a well construction diagram from Scott.

Karen Richey, Office Manager
Haz-Tech Drilling, Inc.
P.O. Box 940
Meridian, ID 83680-0940
Ph: 208-888-4790
Fax: 208-888-5712
E-mail: haztech@mindspring.com

-----Original Message-----

From: Tim Kalac [<mailto:TKalac@innergex.com>]
Sent: Wednesday, October 05, 2016 3:48 PM
To: haztech@mindspring.com
Subject: Albert Coulter's well

Scott,

They are interested in the information because we filed a water right under Albert Coulter's name for irrigation purposes. That caused the permit to generate. Now the completion is the Water Right form itself.

Tim Kalac

Hydro Station Manager - Horseshoe Bend Plant

Innergex

Tel: 208 793-2833 Cell: 208 559-8398

www.innergex.com<<http://www.innergex.com/>>

6" steel protective casing

1.5'X 1.5' Concrete Pad

2 ft min.

6" well seal

Ground Surface

NOTES:

- 1) 1/2-inch diameter boring to 17 1/2' feet.
- 2) well diameter is 4 inches.
- 3) NOT TO SCALE

Concrete encased well cover (min. 2 ft. depth of embedment)

Bentonite seal 2-6 ft. depth)

4-inch diameter solid PVC

Solid PVC riser to 8 ft.;
Screen from 8' to 17.5'

Sand backfill - begin 2' above top of screen (6 ft. depth)

4-inch diameter well screen
10 feet in length.

Sand backfill through screened interval

Depth: 17.5'

PVC end cap

Well plug at tip to prevent heave

Monitoring Well Construction

Albert Counters well

Proj. Mng: .

Designed by: .

Drawn by:

*Above Ground
Well Diag.*

Proj. No. r

MW Diagram

Date: .

State of Idaho
Department of Water Resources
Map of POU/POD
65-23620

This map depicts the IRRIGATION place of use boundary for this water right at the time of this approval and is attached to the approval document solely for illustrative purposes.

02E



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

0 0.035 0.07 0.14 Miles



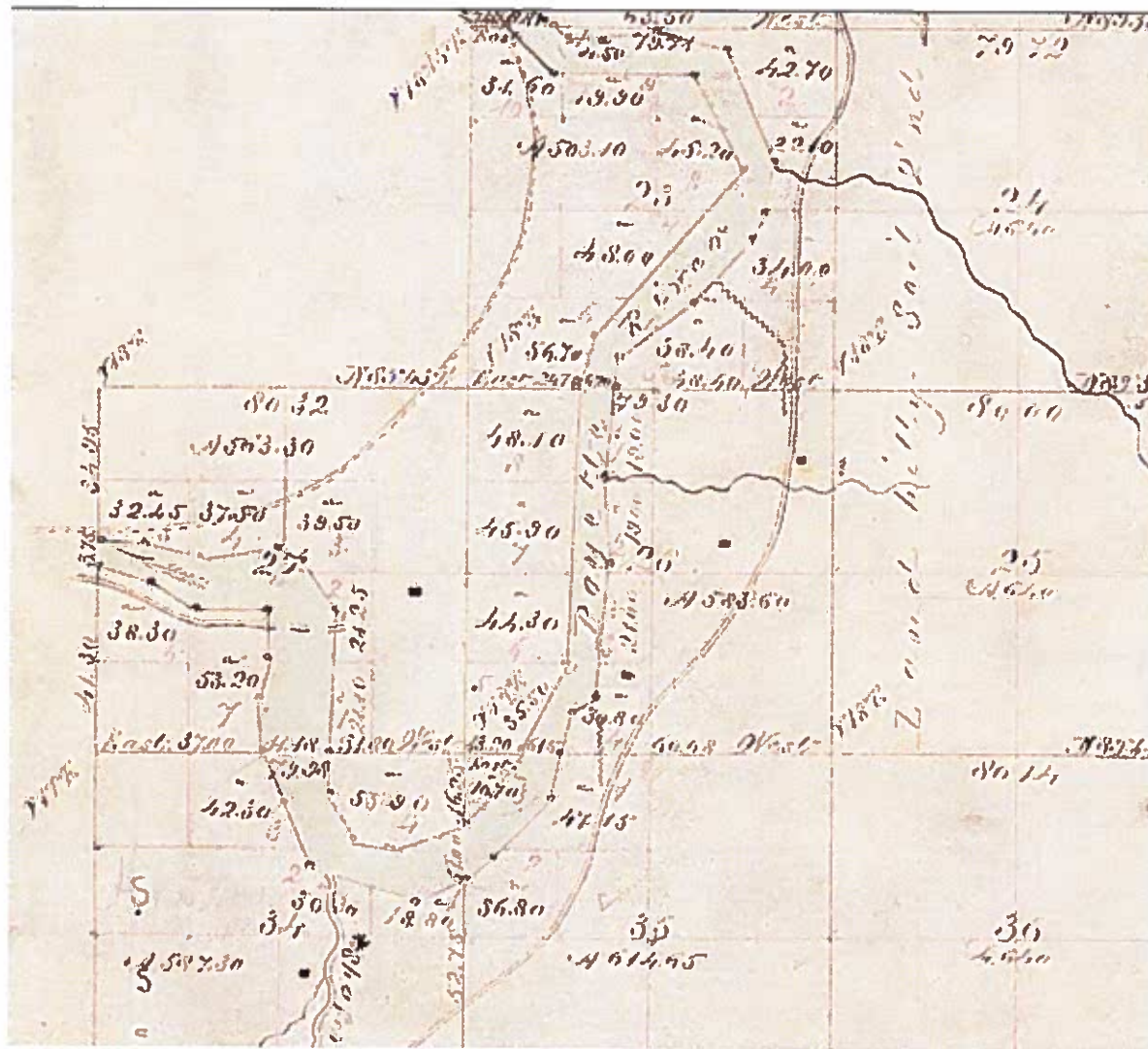
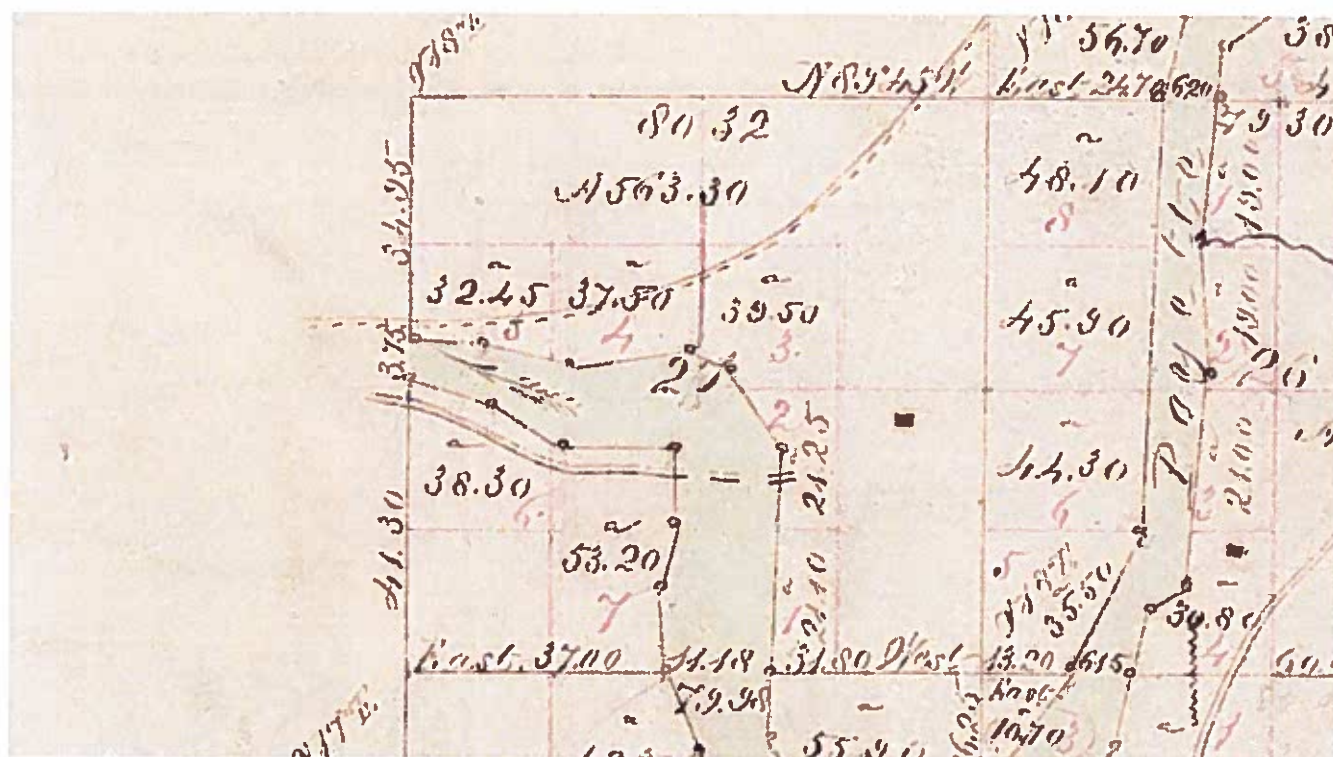


Figure: A part of the original BLM survey showing section 27. Government lot no. 2 of section 27 can be clearly seen on the eastern shore of the Payette River in the original survey document.



07N02E27

Basin/Sequr Owner	Source
65-23608	ASHBROOK, JOSEPHINE A; ASHBROOK, GROUND WATER
65-23620	COLTLER, ALBERT, ODAY CONSULTING GROUND WATER
65-10886	HORSESHOE BEND SCHOOL DISTRICT # PAYETTE RIVER
65-22273	COOPER, CORA E PAYETTE RIVER
65-22274	COOPER, CORA E; HELMICH, CYNTHIA I PAYETTE RIVER
65-22676	HORSESHOE BEND SCHOOL DISTRICT # GROUND WATER
65-2286	FAULL, DOROTHY M; FAULL, MARY VIR SPRING
65-2393	FRY, JOHN A; FRY, JOHN L PAYETTE RIVER
65-2734	HEFNER, LOIS D; HEFNER, RONALD D; V PAYETTE RIVER
65-7635	HORSESHOE BEND SCHOOL DISTRICT # PAYETTE RIVER
65-7921	DE WALT, ROCHELLE J; DE WALT, WAYI GROUND WATER
65-8232	TRENT, LIZA M SPRING
65-8532	KENNEDY, HUGH; KENNEDY, JOHN F; P PAYETTE RIVER

[illegible]