

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

A. GENERAL INFORMATIONPermit No: 95-17385

Exam Date: 5/20/2020

1. Does this qualify for an in-office field exam (IDAPA 37.03.02.035.01.r)? X Y N
- Irrigation of 5 acres or less
 - Storage of up to 14.6 AF for stockwater purposes only
 - Any use other than irrigation or storage, if the combined diversion rate is 0.24 cfs or less
 - Other < >

2. Current Owner: Name: Jeffery Bell
- Owner of Record Correct? X Y N
- Address of Record Correct? Y N
- If No: Address

The Department's tax parcel data shows the property for the place of use is in the ownership of the Jeffery A. Bell. The tax parcel data shows the owner of the well location is currently owned by Roger Stattle. The application for permit states that Mr. Bell owned both parcels, but the sale of the property where the well was located was pending at the time of the permit. It appears as though the sale of the property has been finalized.

3. Beneficial Use Fees have been paid: X Y N Receipt No: N/A

4. **SOURCE** TRIBUTARY

Ground Water

Method of Determination: GIS, Well Driller's Report, and Tax Parcel DataChange in Source: Y X N**B. OVERLAP REVIEW**

1. Other water rights with the same place of use: NO Overlap

Water Right No.	Source	Purpose of Use	Basis

Comments: There are no overlapping rights for this place of use.

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

Water Right No.	Source	Purpose of Use	Basis

Comments: There are no water rights shown on the point of diversion. However, it appears as though the well does have an exempt water right on it for the Stattle property. The well was drilled in 2003, and this permit was filed in 2017. The home for this permit was built in 2019, so the well can have an exempt water right on it as long as this second home has a valid water right.

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

Source	Govt. Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.		County
Well			NE	NW	19	50N	4W	B.M.	Kootenai
								B.M.	
								B.M.	

Method of Determination: GIS, Well Driller's Report, and Tax Lot data.Change in POD? X N Amendment Required? X N **2. PLACE OF USE:** Use: Domestic

TWP	RGE	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
50N	4W	19					D												
		Lot #																	
Total Acres =																			

Method of Determination: GIS and Tax Lot DataChange in POU? X N Amendment Required? X N Delivery System Diagram Attached (required). Indicate all major components and distances between components.

Indicate weir size/pipe as applicable.

 X Aerial Photo Attached (required for irrigation of 10+ acres). Photo of Diversion and System Attached

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

*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
NONE						

2. Measurements: No measurement is required for an in-house exam.

E. FLOW CALCULATIONS

___Additional Computation Sheets Attached

Measured Method:

There was no information submitted with the application for permit or in the water right file for 97-17385 that tells what the size of the well pump is for this permit. Therefore, I am required to fall back on the standard for domestic use set forth by Administrative Processing Memo #22.

Administrative Memo #22 = 0.04 cfs for domestic use
Permit allowed = 0.04 cfs

I am recommending 0.04 cfs since the permit limitation was based on Administrative Memorandum #22. There will not be any combined limitations with the exempt water right, since there is no information that suggests the capacity of the pump.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{\hspace{2cm}}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = \underline{\hspace{2cm}}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = \underline{\hspace{2cm}}$$

2. Volume Calculations for Other Uses:

We typically limit the volume of a domestic permit to 1.2 acre-feet per Administrative Processing Memorandum #22. However, this permit was issued with a 13,000 gallon per day limitation, so there is no need to include a volume for this permit.

G. PURPOSE OF USEIrrigation ___Y___N # Stock _____ Domestic # of Homes 1

Other: < >

Change in Purpose of Use? ___Y___N

Method of Determination: Taxlot data and conversations with owner.

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

H. NARRATIVE/REMARKS/COMMENTS

This permit qualifies for an in-house examination. The well supplying this permit shares a well with exempt use for a neighboring property. The permit holder owned that property at the time of permitting, so there shouldn't be any issues with a shared well.

A review of the county tax records show a home was built on this property in 2019. I have included the county maps that show the home on the property. The 2019 maps available to the Department appear to have some structure there, but it is difficult to determine if the imagery in the Department's records was taken before, during or after the completion of the home.

Conditions 004, X01, 187, and ~~R05~~ should be carried forward to licensing. Condition 071 is for multiple domestic uses within a ground water district or a critical ground water district. This permit is not within either of those types of districts. It appears as though condition 071 was added to address the exempt well, but this permit cannot regulate an exempt use. Therefore, condition 071 should be changed to condition N13. The remaining conditions should be removed.

Have conditions of permit approval been met? X Yes ___ No

I. RECOMMENDATIONS**1. Recommended Amounts**

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
Domestic	01/01 to 12/31	0.04 CFS	
<u>Totals:</u>		0.04 CFS	

Please Note: The volume for this permit is addressed in the condition that limits the use from this permit to 13,000 gpd.

2. Recommended Amendments

___ Change P.D. as reflected above ___ Add P.D. as reflected above X None

___ Change P.U. as reflected above ___ Add P.U. as reflected above X None

Other: < >

J. AUTHENTICATION – DANIEL A. NELSON – WATER RIGHT ANALYST 3

Field Examiner's Name



Date

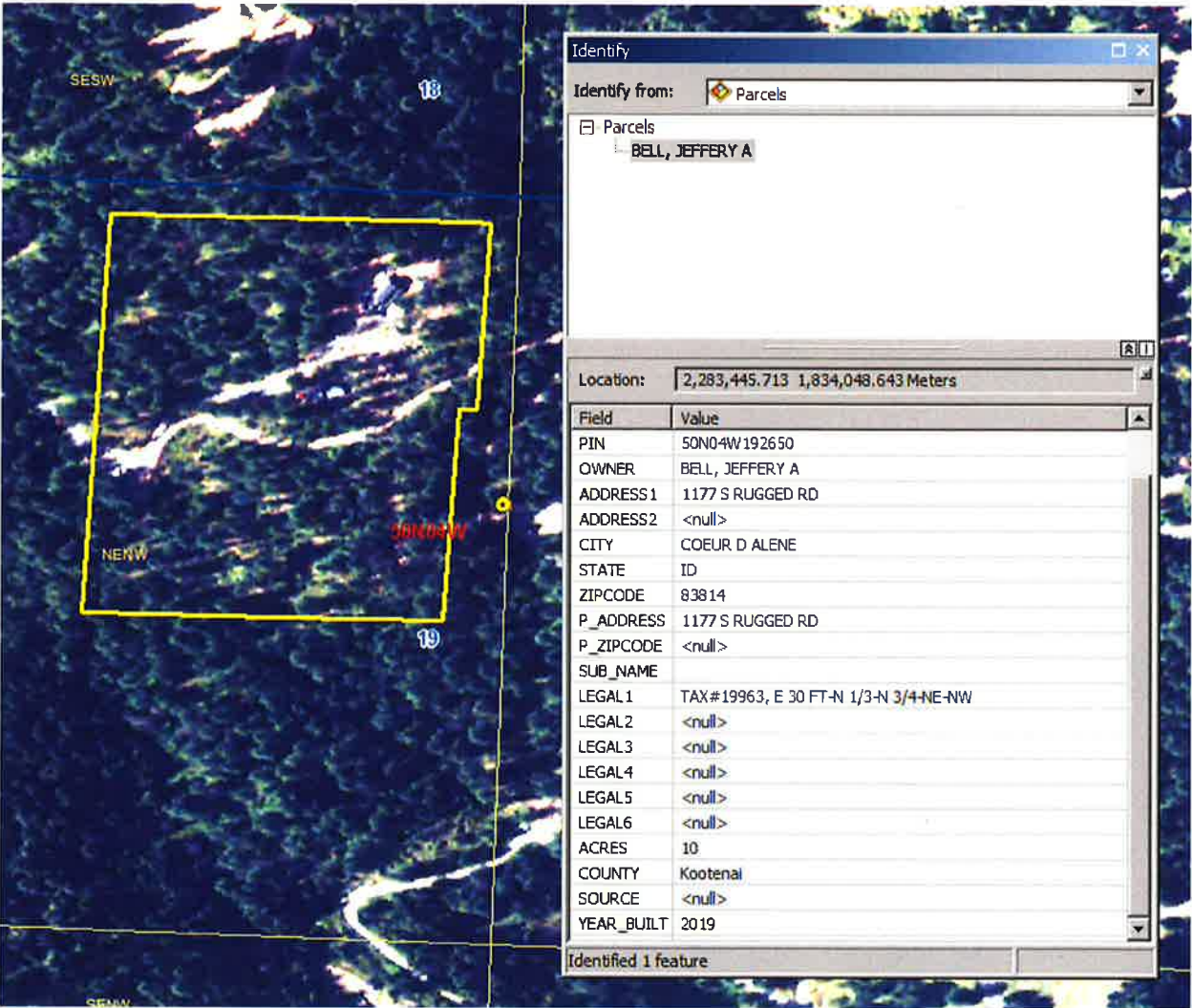
5-20-20

Reviewer

Date

Field Exam Map:

The yellow border shows the parcel and the place of use for this permit and the yellow dot shows the shared well with neighbor who has an exempt water right.



Permit 95-17385 -- Kootenai County Tax Records maps

