

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

A. GENERAL INFORMATIONPermit No: 94-8948

Exam Date: 04/21/2017

1. Does this qualify for an in-office field exam (IDAPA 035.02.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: Two Forks LLC
Owner of Record Correct? X Y N
Address of Record Correct? Y N
If No: Address

Address on Statement of Completion is different than on the permit. Current Address:

Two Forks LLC
P.O. Box 2289
Coeur d'Alene, ID 83816-2289

3. Beneficial Use Fees have been paid: X Y N Receipt No: C0

4. SOURCE TRIBUTARY

Ground Water NA

Method of Determination: Well Log located

Change 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: No direct overlap with any water rights. The Central Shoshone County Water District has a parcel with 8 (eight) water rights within the same 40 acre tract (NENW). This parcel is located on the other side of a stream.

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

Water Right No.	Source	Purpose of Use	Basis
NONE			

Comments: The source for this water right is ground water. This Point of Diversion is not used for other water rights.

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	NW	31	49N	02E	B.M.	Shoshone
								B.M.	
								B.M.	

Method of Determination: Point of diversion is from well with tag number D0058069. Note that the location of this well is shown incorrectly (SWNE of Section 31) on ArcMap and is also incorrectly (SENE of Section 31) shown on the well report. The GPS location on the well report shows the well in a similar location as the Statement of Completion and was used to determine the location of the well.

Change in POD? Y N Amendment Required? X N

2. **PLACE OF USE:** Use: Domestic (4 RV Sites)

TWP	RGE	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
49N	02E	31					D												
		Lot #																	
Total Acres =																			0

Method of Determination: A review of aerial photography (years 2009, 2012, 2013, 2014, and 2015) does not show specific evidence of established RV sites, but RVs can be seen on multiple aerial photographs. The 2014 aerial photography indicates possible irrigation of a small area on Lot 1 Block 1.

Change in POU? ☐x ☐N Amendment Required? ☐x ☐N

☒X_ 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
D0058069	Unknown	Unk.	Unknown	Unknown	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 measurements required for in-house exam.

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

Measured Method: No measurements required for in-house exam

Per App. Processing Memo #22, up to 0.10 cfs is acceptable for domestic use for 4 homes, which is less than the 0.08 cfs specified in the permit.

Measurement = NONE

Permit allowed = 0.08 cfs

License recommend for 0.08 cfs.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{\quad} \times 3.5 = \underline{\quad}$$

$$V = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = \underline{\quad} \times 214 \times 1.9835 = \underline{\quad}$$

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

2. Volume Calculations for Other Uses:

There is no irrigation on 3 of the 4 lots. The 2014 aerial photography indicates possible irrigation of a small area on Lot 1 Block 1. Per App. Processing Memo #22, up to 0.6 AFA is acceptable for domestic use per household without irrigation and 1.2 AFA per household with irrigation.

Total for four households is 3.0 AFA (3 lots in-house only=1.8 AFA and 1 lot in-house with irrigation=1.2 AFA)

G. PURPOSE OF USE

Irrigation ☐ Y ☒ N # Stock _____ Domestic # of Homes 4

Other: < >

Change in Purpose of Use? ☐ Y ☐ N

Method of Determination: Statement of Completion and aerial photography.

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

H. NARRATIVE/REMARKS/COMMENTS

The permit qualifies for an in-house exam. During the review of this permit, there was some conflicting information regarding the location of the well with tag number D0058069. The location of this well is shown incorrectly (SWNE of Section 31) on ArcMap in the well database and is also shown incorrectly (SENE of Section 31) on the well report. The GPS location on the well report shows the well in a similar location as the Statement of Completion and was used to determine the location of the well. The statement of completion specifies 4 frost free yard hydrants. These are too small to be visible on aerial photography. The POU consists of four individual tax lots and each appears to be suitable for RV parking. A review of aerial photography (years 2012, 2013, 2014, and 2015) does not show specific evidence of established RV sites, but RVs can be seen on multiple aerial photographs. Lot 1 Block 1 appears to have some irrigation. No POU of another water right overlaps with the place of use under this permit. I removed conditions 1 (26A) and 4 (046) as is standard. Conditions 2(187), 3 (X01), and 5 (004) will be carried forward to licensing.

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	01/01 to 12/31	0.08 CFS	3.0 AF
<u>Totals:</u>		0.08 CFS	3.0 AF

2. Recommended Amendments

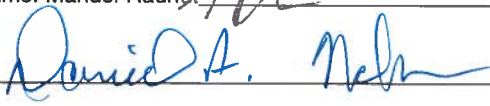
☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None

☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☒ None

Other: < >

J. AUTHENTICATION

Field Examiner's Name: Manuel Rauhut  Date 5/1/17

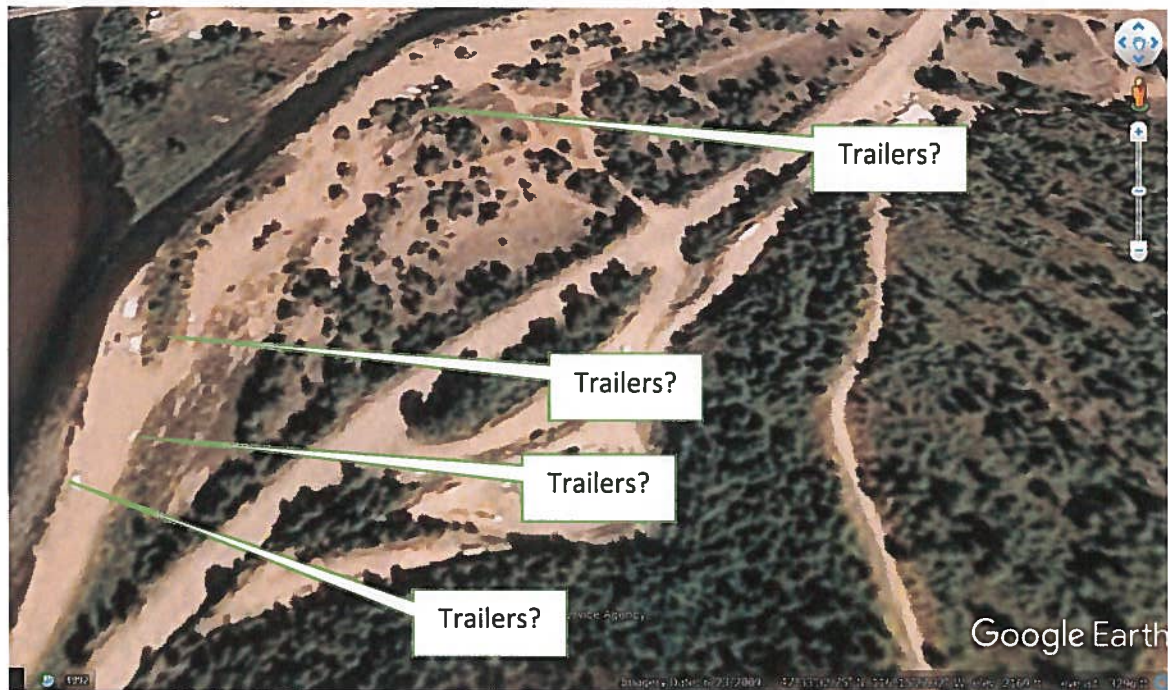
Reviewer  Date 5-1-17

Permit 94-8948 – 2014 Google Map

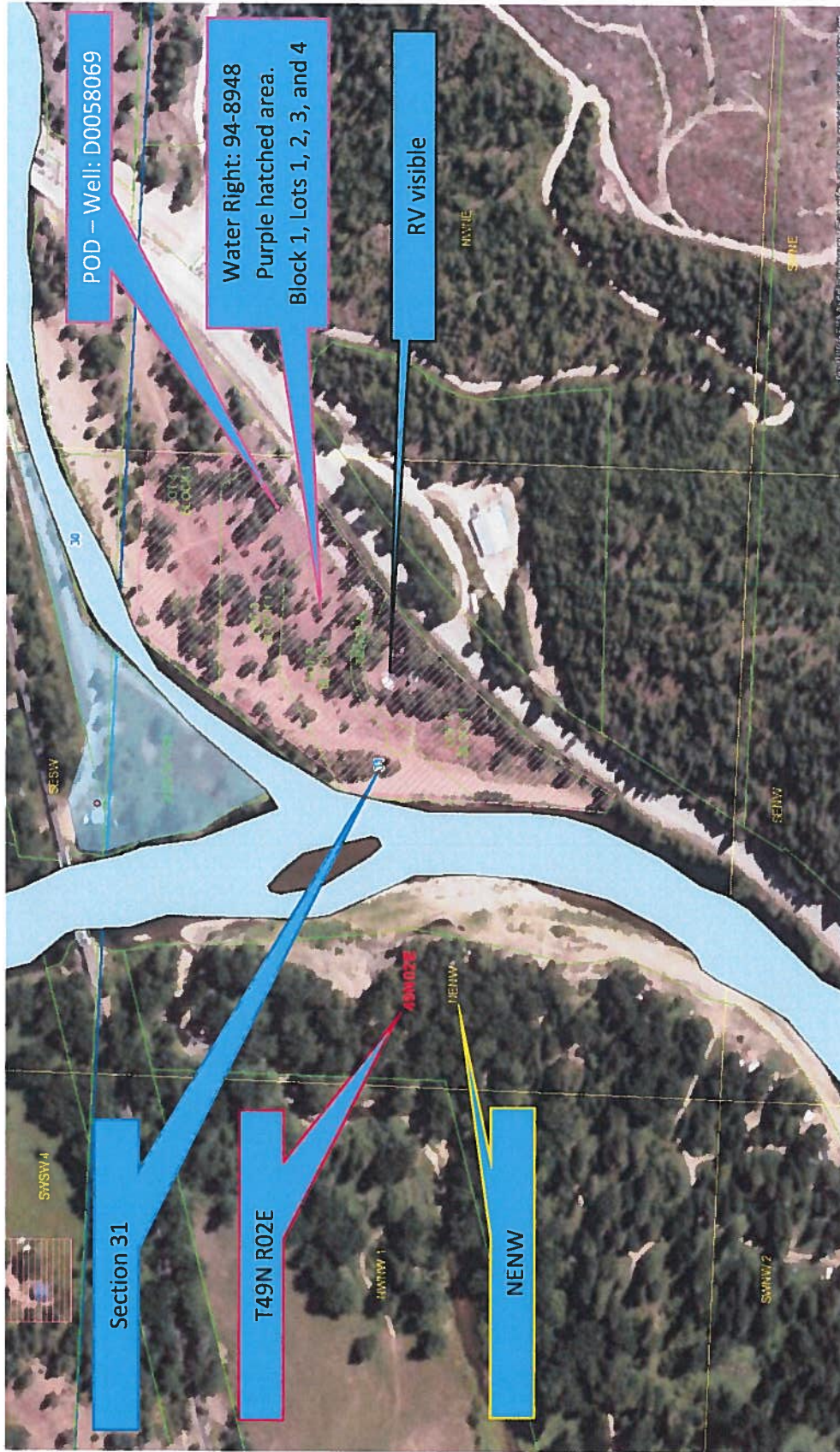


The map above shows that there may be some irrigation around the trailers. I would allow up to ½ acre of irrigation.

2009 Google Earth Map:



The 2009 map shows what appears to be 4 to 5 trailers on these lots.



IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

Location Corrected by IDWR To:
T49N R02E Sec. 31 NWSWNE
By: mciscell 2013-09-25

1. WELL TAG NO. D0058069

DRILLING PERMIT N

Other IDWR No

2. OWNER:

Name **Two Forks llc**

Address **Don Ross / 6584 E Burma rd.**

City **harrison**

State **ID**

Zip **83833**

3. LOCATION OF WELL by legal description:

N		Twp 49N		North ☒ or South ☐	
W		Rge 02E		East ☐ or West ☒	
X		Sec 31		1/4 SE 1/4 NW 1/4	
E		10 Ac		40 Ac 160 Ac	
S		Gov't Lot		County Shoshone	
		Lat 47:33:27		Long 116:15:15	
Address of Well Site: (see next line)					

cda river rd on left before cent trail

City **kingston**

Lot Blk Sub. Name (see next line)

4. USE:

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

5. TYPE OF WORK check all that apply (Replacement etc.)

- ☒ New Well ☐ Modify ☐ Abandonment ☐ Other

6. DRILL METHOD

- ☒ Air Rotary ☐ Cable ☐ Mud Rotary ☐ Other

7. SEALING PROCEDURES

SEAL/FILTER PACK			Amount	Method
Material	From	To	Sacks/Lbs	
BENTONITE	0	40	20	DRY POOR CHIPS

Drive Shoe Used? ☒ Y ☐ N Shoe Depth(s) **120**

Drive Shoe Seal Tested? ☐ Y ☒ N How?

8. CASING/LINER

Diam	From	To	Gauge	Material	Casng	Liner	Weld	Thrded
6	+4	120	0.250	STEEL	☒	☐	☒	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

Length Headpipe Length Tailpipe

9. PERFORATIONS/SCREENS

☒ Perforations? Method **AIR ROLLER**

☐ Screens? Screen Type

From	To	Slot	Nmbr	Diam	Material	Casng	Liner
50	60	1/4	250	2	STEEL	☒	☐
						☐	☐
						☐	☐

10. STATIC WATER LEVEL or ARTESIAN PRESSURE

10 ft. below ground. Artesian pressure **0** lb.

Depth flow encountered **10** ft. Describe access port or

control devices: **CAP WELLED**

11. WELL TESTS:

- ☐ Pump ☐ Bailor ☒ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pump Level	Time
30GPM	N/A	120	2HRS

Water Temp. **COLD** Bottom hole temp. **COLD**

Water Quality test or comments: (below) Depth first Water Encountered **10**

CLEAR

12. LITHOLOGIC LOG (Describe repairs or abandonment)

Bore Diam	From	To	Remarks: Lithology, Water Quality and Temperature	Water	
				Y	N
12	0	40	SAND GRAVEL HEAVY CLAY	☐	☒
8	40	59	GRAVEL CLEAN	☒	☐
8	59	110	GRAY CLAY	☒	☐
8	110	120	SHALE	☒	☐

RECEIVED
MAY 11 2010
IDWR/North

SCANNED
MAY 12 2010



Completed Dept **120** (Measurable)

Date: Started **5/5/2010** Completed **5/10/2010**

13. DRILLERS CERTIFICATION

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

Firm **United Drilling Inc.**
Name

Firm No **414**

Firm Official
and

Timothy R. Volking

Date **5/10/2010**

Supervisor or Operator **Timothy R. Volking**

Date **5/10/2010**