

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 37-22964
Exam Date: 9/3/2020

1. Current Owner:
ANDREW N KEETER
SHARON D KEETER
336 BAYHORSE RD
BELLEVUE ID 83313-5076
2. Accompanied by: Andrew Keeter
Phone No: 208-731-9391
Address: Same as above
Relationship to permit Holder: Permit holder

3. SOURCE:
GROUND WATER

Method of Determination: Permit holder revealed location of well during exam.

B. OVERLAP REVIEW

1. Other water rights with the same place of use: None

Water Right No.	Source	Purpose of Use	Basis

Comments:

2. Other water rights with the same point-of-diversion: None

Water Right No.	Source	Purpose of Use	Basis

Comments: Property apparently has a domestic exempt use, as no recorded domestic right was identified.

C. DIVERSION AND DELIVERY SYSTEM

1. LOCATION OF POINT(S) OF DIVERSION:

GROUND WATER SW¼ NE¼, Sec. 31, Twp 02N, Rge 19E, B.M. BLAINE County

Method of Determination: Site visit, ArcMap aerial imagery.

PLACE OF USE: IRRIGATION

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
02N	19E	31			2.3														2.3

Total Acres: 2.3

Method of Determination: Site visit, ArcMap aerial imagery.

3.

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

Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be
☒ 1:24,000 or greater.

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

☒ Photo of Diversion and System Attached

4.

Well or Diversion ID No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
A0019935					

Installed flow meter is a Badger ultrasonic meter, Serial #15644788

D. FLOW MEASUREMENTS

1.

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

2. Measurements: No measurement made per Beneficial Use Examination rules.

E. FLOW CALCULATIONS

_____ Additional Computation Sheets Attached

Measured Method: Permitted amount rolls over to license.

F. VOLUME CALCULATIONS

1. Volume Calculations for irrigation:

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 2.3 \times 3.5 = 8.1 \text{ AF}$$

$$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.07 \times 200 \times 1.9835 = 27.8 \text{ AF}$$

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} = 8.1 \text{ AF}$$

2. Volume Calculations for Other Uses: NA

G. NARRATIVE/REMARKS/COMMENTS

The field exam for permit 37-22964 was completed on September 3, 2020, with permit holder Andy Keeter in attendance. As a result of lower flows in Seamans Creek east of Bellevue, four downstream Seamans Creek senior water right holders in the Muldoon Ranch Subdivision were unable to have their water rights delivered to their properties due to excessive seepage in the valley above the subdivision. So, in 2015, they filed a transfer to have their Seamans Creek rights converted to Ground Water Recharge in an existing pond approximately one mile upstream. In conjunction with the transfers, they filed permits to divert ground water on their Muldoon Ranch Subdivision properties, using the Ground Water Recharge rights as mitigation for the new permits. In the case of permit 37-22964, the Keeter property had a 0.07 cfs, 2.3 acre Seamans Creek right which was converted to Ground Water Recharge, and they then filed this permit for the same amounts from the existing well on their property.

Water is diverted from the well and is fed to underground lawn and pasture sprinkler systems in pipelines. On the day of the exam, the lawns and pastures were well-irrigated, with some other areas less irrigated, but those areas had sprinklers in place, and Mr. Keeter noted that they had been watered previously this summer.

A flow meter was in place, and appeared to be operating, satisfying that condition. Records provided by the WD-37 Watermaster (included with this report) indicate that the required recharge under right 37-1201A has been occurring.

No measurement was made, as the flow rate was below that requiring a measurement in the Beneficial Use Examination rules. I recommend licensing at 0.07 cfs, 2.3 acres, and a volume of 8.1 AF.

Have conditions of permit approval been met? ☒ Yes ☐ No

H. RECOMMENDATIONS**1. Recommended Amounts**

<u>Beneficial Use</u>	<u>Period of Use</u>	<u>Rate of Diversion</u>	<u>Annual Volume</u>
IRRIGATION	04/15 to 10/31	0.07 CFS	8.1 AF
<u>Totals:</u>		0.07 CFS	8.1 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

I. AUTHENTICATION

Field Examiner's Name Jim Bitzenburg Date 9-4-2020

Jim Bitzenburg - Senior Water Resource Agent

Reviewer _____ Date _____



Point of Diversion - Well

Flow Meter



37-22964 Keeter



Place of Use – Lawn and Landscaping

Place of Use - Pasture



37-22964 Keeter



Place of Use – Lawn and Landscaping

Place of Use - Pasture



37-22964 Keeter



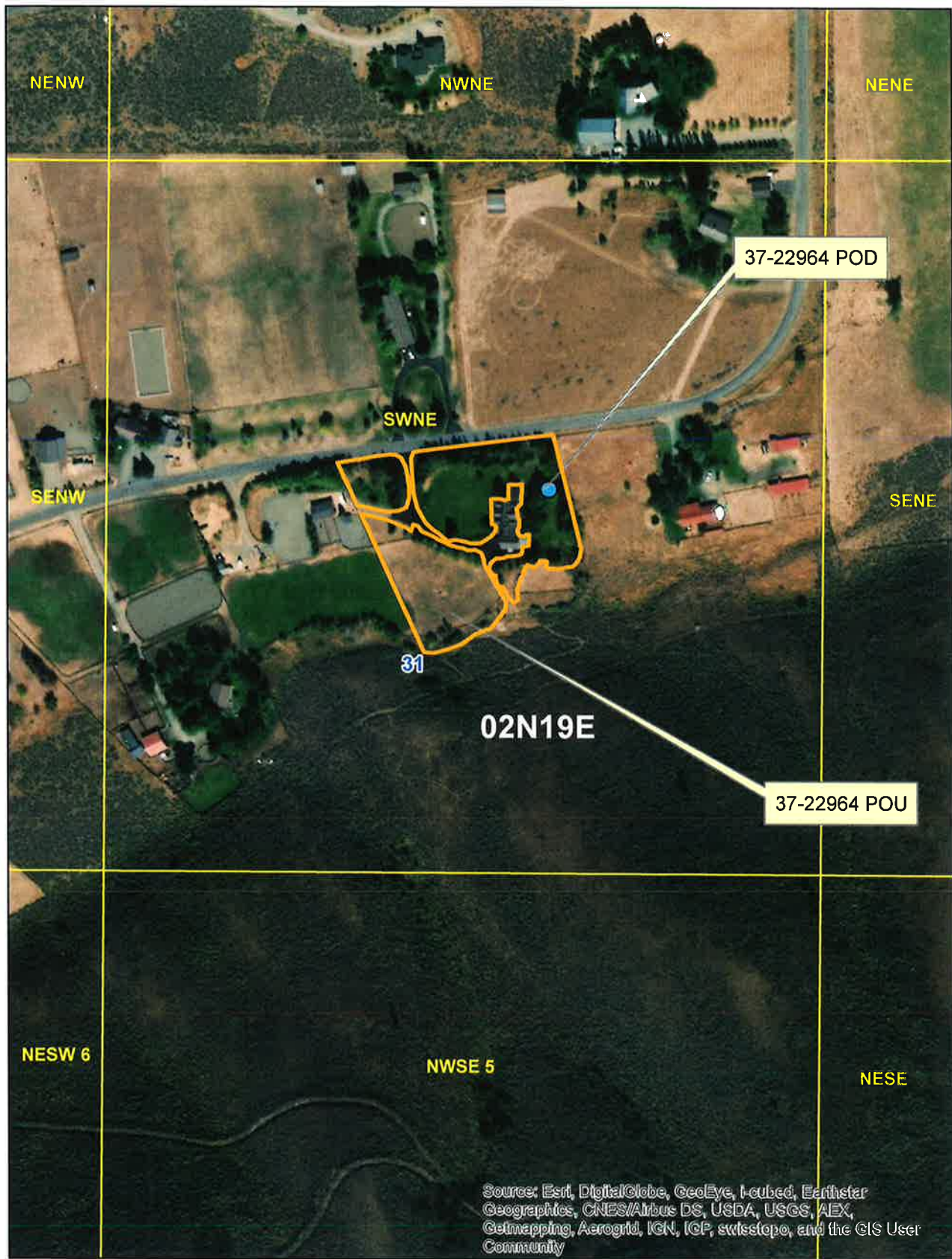
POU for Ground Water Recharge for mitigation right (37-1201A) for this permit

Measuring device at inlet of recharge pond



37-22964 Keeter

37-22964 POD, POU Map



Legend

- Township/Range
- Sections
- QQ

0 0.0225 0.045 0.09 Miles



RECEIVED

SEP 01 2020

WATER DISTRICT 37

CANAL NAME		SEAMANS CREEK RECHARGE						DEPT OF WATER RESOURCES SOUTHERN REGION 2017	
OWNER		VARIOUS							
DATE	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	DATE	
1		3.89	4.25	3.40	1.75	0.80	0.80	1	
2		3.89	4.25	3.40	1.75	0.80	0.80	2	
3		3.89	4.25	3.40	1.75	0.80	0.80	3	
4		3.89	4.25	3.40	1.75	0.80	0.80	4	
5		3.89	4.25	3.40	1.75	0.80	0.80	5	
6		3.89	4.25	3.40	1.75	0.80	0.80	6	
7		3.89	4.25	3.40	1.75	0.80	0.80	7	
8		3.89	4.25	3.40	1.75	0.80	0.80	8	
9		3.89	4.25	3.40	1.75	0.80	0.80	9	
10		3.89	4.25	2.59	1.75	0.80	0.80	10	
11		3.89	4.25	2.59	1.75	0.80	0.80	11	
12		3.89	4.25	2.59	1.75	0.80	0.80	12	
13		3.89	4.80	2.59	1.75	0.80	0.80	13	
14		3.89	4.80	2.59	1.75	0.80	0.80	14	
15	4.10	3.89	4.80	2.59	1.12	0.80	0.80	15	
16	4.10	4.25	4.80	2.59	1.12	0.80		16	
17	4.10	4.25	4.80	2.59	1.12	0.80		17	
18	4.10	4.25	4.80	2.59	1.12	0.80		18	
19	4.10	4.25	4.80	2.59	1.12	0.80		19	
20	4.10	4.25	4.80	2.59	1.12	0.80		20	
21	4.10	4.25	4.80	2.59	1.12	0.80		21	
22	4.10	4.25	4.80	2.59	1.12	0.80		22	
23	4.10	4.25	4.80	2.59	1.12	0.80		23	
24	4.10	4.25	4.10	2.59	1.12	0.80		24	
25	4.10	4.25	4.10	2.59	1.12	0.80		25	
26	4.10	4.25	4.10	2.59	1.12	0.80		26	
27	4.10	4.25	4.10	2.59	1.12	0.80		27	
28	4.10	4.25	4.10	1.75	1.12	0.80		28	
29	4.10	4.25	4.10	1.75	1.12	0.80		29	
30	4.10	4.25	4.10	1.75	1.12	0.80		30	
31		4.25		1.75	1.12			31	
TOTAL	65.60	126.35	132.50	84.22	43.54	24.00	12.00		

YEARLY C F S 488
 YEARLY ACRE FEET 967
 TOTAL NO OF DAYS 184
 YEARLY MEAN 3

37-22964 Keeter

WATER DISTRICT 37

CANAL NAME		SEAMANS CREEK RECHARGE						2018
OWNER		VARIOUS						
DATE	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	DATE
1		3.00	3.50	2.50	1.20	0.80	0.60	1
2		3.00	3.50	2.50	1.20	0.80	0.60	2
3		3.00	3.50	1.80	1.20	0.80	0.60	3
4		3.00	3.50	1.80	1.20	0.80	0.60	4
5		3.00	3.50	1.80	1.20	0.80	0.60	5
6		3.00	3.50	1.80	0.80	0.60	0.60	6
7		3.00	3.50	1.80	0.80	0.60	0.60	7
8		3.00	3.50	1.80	0.80	0.60	0.60	8
9		3.00	3.50	1.80	0.80	0.60	0.60	9
10		3.00	3.50	1.80	0.80	0.60	0.60	10
11		3.00	3.50	1.80	0.80	0.60	0.60	11
12		3.00	2.50	1.80	0.80	0.60	0.60	12
13		3.00	2.50	1.20	0.80	0.60	0.60	13
14		3.00	2.50	1.20	0.80	0.60	0.60	14
15	3.00	3.00	2.50	1.20	0.80	0.60	0.60	15
16	3.00	3.00	2.50	1.20	0.80	0.60		16
17	3.00	3.00	2.50	1.20	0.80	0.60		17
18	3.00	3.00	2.50	1.20	0.80	0.60		18
19	3.00	3.00	2.50	1.20	0.80	0.60		19
20	3.00	3.00	2.50	1.20	0.80	0.60		20
21	3.00	3.00	2.50	1.20	0.80	0.60		21
22	3.00	3.00	2.50	1.20	0.80	0.60		22
23	3.00	3.00	2.50	1.20	0.80	0.60		23
24	3.00	3.00	2.50	1.20	0.80	0.60		24
25	3.00	3.00	2.50	1.20	0.80	0.60		25
26	3.00	3.00	2.50	1.20	0.80	0.60		26
27	3.00	3.00	2.50	1.20	0.80	0.60		27
28	3.00	3.00	2.50	1.20	0.80	0.60		28
29	3.00	3.00	2.50	1.20	0.80	0.60		29
30	3.00	3.50	2.50	1.20	0.80	0.60		30
31		3.50		1.20	0.80			31
TOTAL	48.00	94.00	86.00	45.80	26.80	19.00	9.00	

YEARLY C F S 329

YEARLY ACRE FEET 651

TOTAL NO OF DAYS 184

YEARLY MEAN 2

WATER DISTRICT 37

CANAL NAME		SEAMANS CREEK RECHARGE						2019
OWNER		VARIOUS						
DATE	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	DATE
1		3.00	3.50	2.50	1.80	1.20	1.00	1
2		3.00	3.50	2.50	1.80	1.20	1.00	2
3		3.00	3.50	1.80	1.80	1.20	1.00	3
4		3.00	3.50	1.80	1.80	1.20	1.00	4
5		3.00	3.50	1.80	1.80	1.20	1.00	5
6		3.00	3.50	1.80	1.80	1.20	1.00	6
7		3.00	3.50	1.80	1.80	1.20	1.00	7
8		3.00	3.50	1.80	1.80	1.20	1.00	8
9		3.00	3.50	1.80	1.80	1.20	1.00	9
10		3.00	3.50	1.80	1.80	1.20	1.00	10
11		3.00	3.50	1.80	1.80	1.20	1.00	11
12		3.00	2.50	1.80	1.80	1.20	1.00	12
13		3.00	2.50	1.80	1.80	1.20	1.00	13
14		3.00	2.50	1.80	1.80	1.20	1.00	14
15	3.00	3.00	2.50	1.80	1.80	1.20	1.00	15
16	3.00	3.00	2.50	1.80	1.80	1.20		16
17	3.00	3.00	2.50	1.80	1.80	1.20		17
18	3.00	3.00	2.50	1.80	1.80	1.20		18
19	3.00	3.00	2.50	1.80	1.80	1.20		19
20	3.00	3.00	2.50	1.80	1.80	1.20		20
21	3.00	3.00	2.50	1.80	1.80	1.20		21
22	3.00	3.00	2.50	1.80	1.20	1.00		22
23	3.00	3.00	2.50	1.80	1.20	1.00		23
24	3.00	3.00	2.50	1.80	1.20	1.00		24
25	3.00	3.00	2.50	1.80	1.20	1.00		25
26	3.00	3.00	2.50	1.80	1.20	1.00		26
27	3.00	3.00	2.50	1.80	1.20	1.00		27
28	3.00	3.00	2.50	1.80	1.20	1.00		28
29	3.00	3.00	2.50	1.80	1.20	1.00		29
30	3.00	3.50	2.50	1.80	1.20	1.00		30
31		3.50		1.80	1.20			31
TOTAL	48.00	94.00	86.00	57.20	49.80	34.20	15.00	

YEARLY C F S	384
YEARLY ACRE FEET	761
TOTAL NO OF DAYS	184
YEARLY MEAN	2

Use Typewriter
or
Ball Point Pen

093768

1. DRILLING PERMIT NO. 37-96 S. 0010 . 000

Other IDWA No. _____


2. OWNER: DEAN BEAUDRY

Name John Doe
Address P.O. Box 1745

City HALEY State MT Zip 59333

3. LOCATION OF WELL by legal description:

Sketch map location must agree with written location.


 Twp. 2 North ☒ or South ☐
 Rge. 19 East ☒ or West ☐
 Sec. 31 1/4 SW 1/4 NE 1/4
 Gov't Lot _____ County BLAINE

Address of Well Site 336 BAYHORSE
City BELLEVUE

LI. 35A Blk. Sub. Name MILDOON RANCH
SUB #2

4. PROPOSED USE:

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

5. TYPE OF WORK

☒ New Well ☐ Modify or Repair ☐ Replacement ☐ Abandonment

6. DRILL METHOD

☐ Mud Rotary ☒ Air Rotary ☐ Cable ☐ Other _____

7. SEALING PROCEDURES

SEAL/FILTER PACK			AMOUNT	METHOD
Material	From	To	Sacks or Pounds	
DENTONITE	0	20	12	CUREAGE

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

Was drive shoe seal tested? Y ☐ N ☒ How?

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Line	Welded	Threaded
6"	+1 1/2	160	250	STEEL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Length of Headpipe _____ Length of Tailpipe _____

9. PERFORATIONS/SCREENS

❑ Perforations

Method

□ Screen 6

Screen Type

From	To	Slot Size	Number	Diameter	Material	Casing	liner
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

80 ft. below ground Artesian pressure lb.

Depth flow encountered _____ ft. Describe access port or control devices: _____

11. WELL TESTS:

☐ Pump ☐ Baller ☒ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
80		120	1

Water Temp. _____ Bottom hole temp. _____

Water Quality test or comments:

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

[illegible]

13. DRILLER'S CERTIFICATION

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

Firm Name 1 BELLEVUE, ID 83313 Firm No 265

Firm Official Kear Smith Date 3-1-96
and _____

Supervisor or Operator OSU Mc. L... - 3-1-96

(Blow once if Fr)

FORWARD WHITE COPY TO WATER RESOURCES

37-22964 Keeter