

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 95-9361
Exam Date: 09/17/2018

1. Current Owner:
BARBARA VINCENT 15555 BLACKROCK RANCH RD COEUR D ALENE ID 83814 OR
MIKE VINCENT 15555 BLACKROCK RANCH RD COEUR D ALENE ID 83814
2. Accompanied by: Mike and Barbara Vincent
Relationship to permit Holder: Applicant's
3. **SOURCE:**
GROUND WATER

Method of Determination: Arcmap and DRG

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: Yes

Water Right No.	Source	Purpose of Use	Basis
95-9022	Groundwater	Domestic, Irrigation, Stock	License

Comments: _____

C. DIVERSION AND DELIVERY SYSTEM

1. **LOCATION OF POINT(S) OF DIVERSION:**
GROUND WATER L7 (NW¼ SE¼ SW¼), Sec. 3, Twp 48N, Rge 04W, B.M. KOOTENAI County

Method of Determination: GPS and maps. POD located at -116° 50.630, 47° 31.702 (D0040419)

PLACE OF USE: DOMESTIC

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
48N	04W	3									X L6	X							

Method of Determination: Google Earth and Arcmap

3.

Delivery System Diagram Attached (required). Indicate all major components and distances between components.

X 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

X 1:24,000 or greater.X Aerial Photo Attached (required for irrigation of 10+ acres).X 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
D0040419	Franklin	5			

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
5 GALLON BUCKET						

2. Measurements: 5 gallon bucket test filled in 9.6 sec, 9.4 sec, and 9.4 sec. Average of 9.5 seconds.

5 gal / 9.5 sec X 60 sec = 31.6 gpm or 0.07 cfs.

$$\frac{448.8 \text{ gpm}}{0.07 \text{ cfs}}$$

E. FLOW CALCULATIONS

Additional Computation Sheets Attached

Measured Method: N/A

F. VOLUME CALCULATIONS

1. Volume Calculations for irrigation: 1

 $V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Rate})$ $V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in})$ $V = \text{Smaller of } V_{IR} \text{ and } V_{DR} =$

2. Volume Calculations for Other Uses: Do

to 1/2 acre = 0.6 acre-feet

$$\frac{(5/9.5) \times 60}{448.8} = \frac{31.6 \text{ gpm}}{448.8} = 0.07 \text{ cfs}$$

$$\frac{5 \text{ gal}}{7.48 \times 9.5 \text{ sec}} = 0.07 \text{ cfs}$$

5 gal / (7.48 gal / ft³ x 9.5 sec)

Pls correct equation

G. NARRATIVE/REMARKS/COMMENTS

Field exam with the applicants, Mike and Barbara Vincent, showed a well being used for domestic uses. The well, D0040419, was equipped with a 5hp Franklin pump. A 5 gallon bucket test was performed and filled in an average of 9.5 seconds which is equal to 31.6 gpm or 0.07 cfs. The water from the well was being used for a single wide trailer on the applicant's second property. There was no large scale irrigation occurring on the property but just some small irrigation around the trailer. The license will be issued for domestic and irrigation up to ½ acre. The permit was issued for a domestic and irrigation component but will be changed to only domestic at time of licensing. The license will be issued with a diversion rate of 0.04 cfs and an annual volume of 1.2 acre-feet.

The permit was issued for domestic for 8 homes and the irrigation of 4 acres. There are currently 5 taxlots that have been subdivided with one lot having a home and a second lot having a trailer. The applicant's current property they are living on is served under Water Right 95-9022 and Adjudication Recommendation 95-16971. Water Right 95-9022 is also diverted from the same well as this right. There are three taxlots that are no longer owned by the Vincent's but have water lines running to them. The permit was in the Vincent's name and they preferred to keep the final use of water on their property. The property they live at is already covered under two rights with older priority dates and does not need to be covered by this right. Their second lot, which has water and a trailer on it, will be covered under this right. The three lots that are in different ownership, have water lines to them, but no beneficial use. Those lots will be left off this license by the applicant's choice and will need a new permit to cover any uses in the future.

The following conditions will be removed from the license; 046, 26A, 132, and R66. Conditions 01M and 004 will remain on the license. Condition F06 will be added to show that Water Right 95-9022 is also diverted from the same well. Conditions X01 and 187 will be added to the license to describe the single domestic use and irrigation up to ½ acre. There are no overlap concerns.

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>
DOMESTIC	01/01 to 12/31	0.04 CFS	1.2 AF
<u>Totals:</u>		0.04 CFS	1.2 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

I. **AUTHENTICATION** Adam Frederick - Water Resource Agent, Senior

Field Examiner's Name Adam Fink Date 10/28/2019

Reviewer Douglas Jones Date 12/30/2019

State of Idaho
Department of Water Resources
Attachment to Field Exam
95-9361

DOMESTIC / SYSTEM DIAGRAM



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

0 0.045 0.09 0.18 Miles



IDAHO DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

Office Use Only
Inspected by _____
Twp _____ Rge _____ Sec _____
1/4 1/4 1/4
Lat: : : Long: : :

1. WELL TAG NO. D0040419

DRILLING PERMIT N 834517

Other IDWR No _____

2. OWNER:

Name Mike & Barbara Vincent

Address 15555 Black Rock Ranch Road

City Coeur d'Alene State ID _____ Zip 83814

3. LOCATION OF WELL by legal description:

N
Twp 48N North ☒ or South ☐
Rge 04W East ☐ or West ☒
Sec 03 1/4 NW 1/4 SW 1/4
Gov't Lot _____ County Kootenai
Lat _____ Long _____

S
Address of Well Site: (see next line)
15555 Black Rock Ranch RD well #2 City Coeur d'Alene
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	-18	6 Sacks	Pour In
Granular				

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

Drive Shoe Seal Tested? ☐ Y ☒ N How? _____

8. CASING/LINER

Diam	From	To	Gauge	Material	Casng	Liner	Weld	Thrded
6"	+3	-219	0.250	Steel	☒	☐	☒	☐
4"	-190	-370	0.200	PVC	☐	☒	☒	☐

Length Headpipe _____ Length Tailpipe _____

9. PERFORATIONS/SCREENS

☒ Perforations? Method Drilled _____

☐ Screens? Screen Type _____

From	To	Slot	Nmbr	Diam	Material	Casng	Liner
290	350	3/8"	200	4"	PVC	☐	☒

10. STATIC WATER LEVEL or ARTESIAN PRESSURE

190 ft. below ground. Artesian pressure _____ lb.
Depth flow encountered 210 ft. Describe access port or control devices: Steel Cap Welded

11. WELL TESTS:

☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pump Level	Time
15	100%	340	1HR

Water Temp. _____ Cold Bottom hole temp. _____ Cold

Water Quality test or comments: (below) Depth first Water Encountered 210

Cold, Slight Color, No Smell

12. LITHOLOGIC LOG (Describe repairs or abandonment)

Bore Diam	From	To	Remarks: Lithology, Water Quality and Temperature	Water	
				Y	N
8	0	4	Clay Brown	☐	☒
8	4	25	Basalt & Clay Mix Sand	☐	☒
8	25	55	Basalt Broken	☐	☒
8	55	70	Clay Brown	☐	☒
8	70	121	Clay Brown/Tan	☐	☒
8	121	208	Basalt Black Medium	☐	☒
8	208	215	Basalt Broken	☒	☐
8	215	330	Basalt Black Medium	☐	☒
8	330	335	Clay Brown/ Gray	☐	☒
8	335	350	Clay & Decomposed Granite Blue Gray & Black & White Soft	☐	☒
8	350	380	Granite Blue-Black-Purple Medium	☐	☒

RECEIVED
JUL 21 2005
IDWR/North

Completed Depth 370 (Measurable)

Date: Started 6/30/05 Completed 7/6/05

13. DRILLERS CERTIFICATION

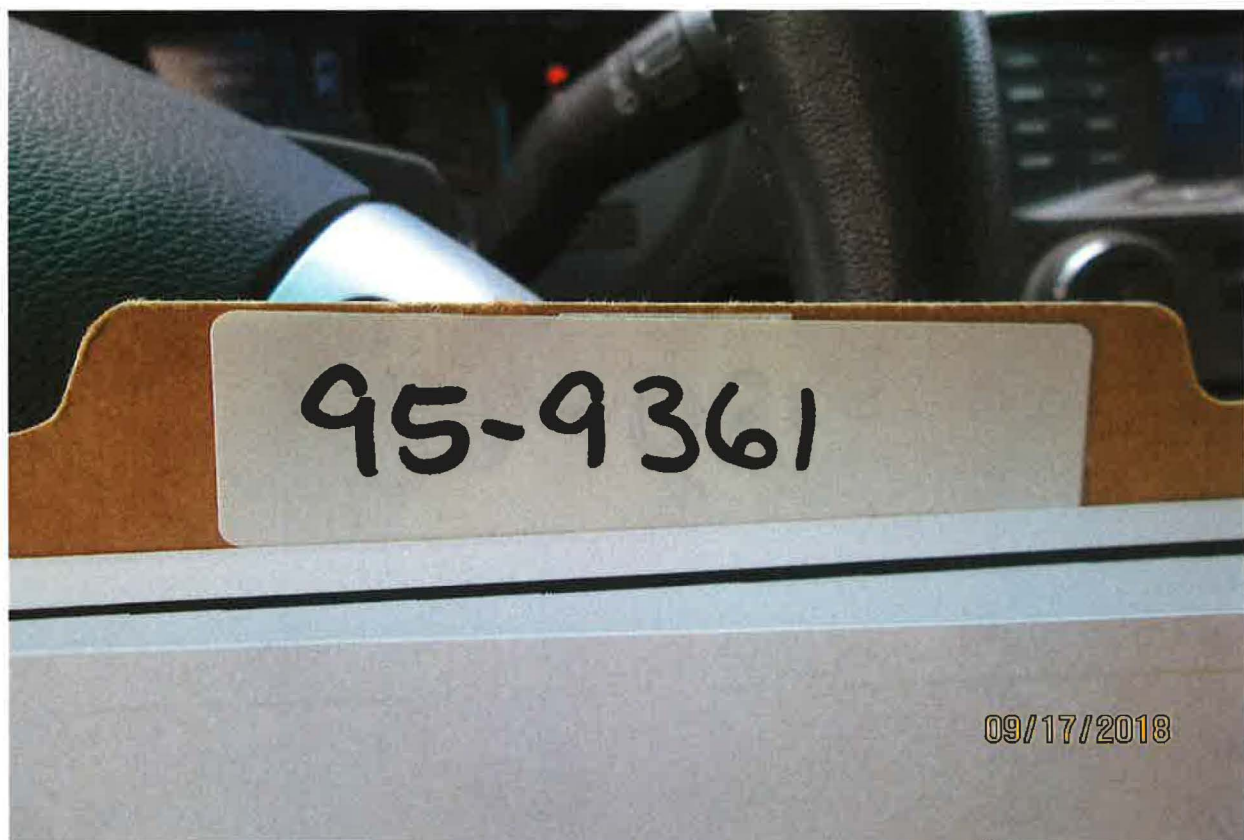
I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name United Drilling Inc. Firm No 414

Firm Official Tom M. Valters pres. Date 7/7/05

Supervisor or Operator Cody Pulis Date 7/7/05

48N 4W 3



Well D0040419 with 5hp pump.



Well tag D0040419.



5hp Franklin pump.



Domestic use on lot for trailer and up to ½ acre of irrigation.