

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 95-11308

Exam Date: 7/28/2016

1. Current Owner:

PATRICK KEGLEY 21946 S LOFFS BAY RD COEUR D ALENE ID 83814 (208)664-2968

And/Or

SANDRA KEGLEY 21946 S LOFFS BAY RD COEUR D ALENE ID 83814 (208)664-2968

2. Accompanied by: Patrick gave field examiner permission to perform exam without his presence

3. **SOURCE:**

GROUND WATER

B. OVERLAP REVIEW

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

C. DIVERSION AND DELIVERY SYSTEM1. **LOCATION OF POINT(S) OF DIVERSION:**

GROUND WATER L8 (SE¼NE¼) Sec. 11, Twp 48N, Rge 05W, B.M. KOOTENAI County

Method of Determination: GPS and maps. POD location D0039655 at (47° 31.262, 116° 56.273) A0020100

2.

PLACE OF USE: FIRE PROTECTION

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
48N	05W	11				X L 8													

PLACE OF 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	
48N	05W	11				X L 8													

PLACE OF USE: IRRIGATION

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
48N	05W	11				0.4 L 8													.4

Total Acres: 0.4

Method of Determination: GPS and maps

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.

XX

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
D0039655					

*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

2. Measurements: 5 GALLON BUCKET TEST.

5 GALLONS IN 12 SECONDS = 5 GAL / 12 SEC * 60 SEC = 25 GPM OR 0.06 CFS.

E. FLOW CALCULATIONS

Measured Method:

Additional Computation Sheets Attached

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 0.4 \text{ AC} \times 3 \text{ AF} = 1.2 \text{ AF}$$

$$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.01 \times 246 \times 1.9835 = 4.9 \text{ AF}$$

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} = 1.2 \text{ AF}$$

2. Volume Calculations for Other Uses: DOMESTIC USE FOR 1 HOME = 0.6 AF

G. NARRATIVE/REMARKS/COMMENTS

Applicant was unable to be there for field exam and gave permission to IDWR staff to conduct exam without his presence. Field exam showed well with unknown pump size. Field examiner was able to perform 5 gallon bucket test in 12 seconds which is 25 gpm or 0.06 cfs. Domestic was for 1 home. There was no irrigation occurring during exam but aerial photos show 0.4 acres of irrigation. There was no underground irrigation system, just hoses with various sprinklers. Property had a couple of frost free hydrants along with some hose connections on home. Fire protection on property was from any available frost free hydrants or hose connections.

Have conditions of permit approval been met? X Yes No

H. 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	0.6 AF
FIRE PROTECTION	01/01 to 12/31	0.06 CFS	
IRRIGATION	03/15 to 11/15	0.01 CFS	1.2 AF
<u>Totals:</u>		0.060 CFS	

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

I. AUTHENTICATION

Field Examiner's Name Adam Fardwil Date 12/29/2016

Reviewer Morgan Case Date 12/30/2016

State of Idaho
Department of Water Resources
Water Right License
95-11308



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

0 0.035 0.07 0.14 Miles



State of Idaho
Department of Water Resources
Water Right License
95-11308

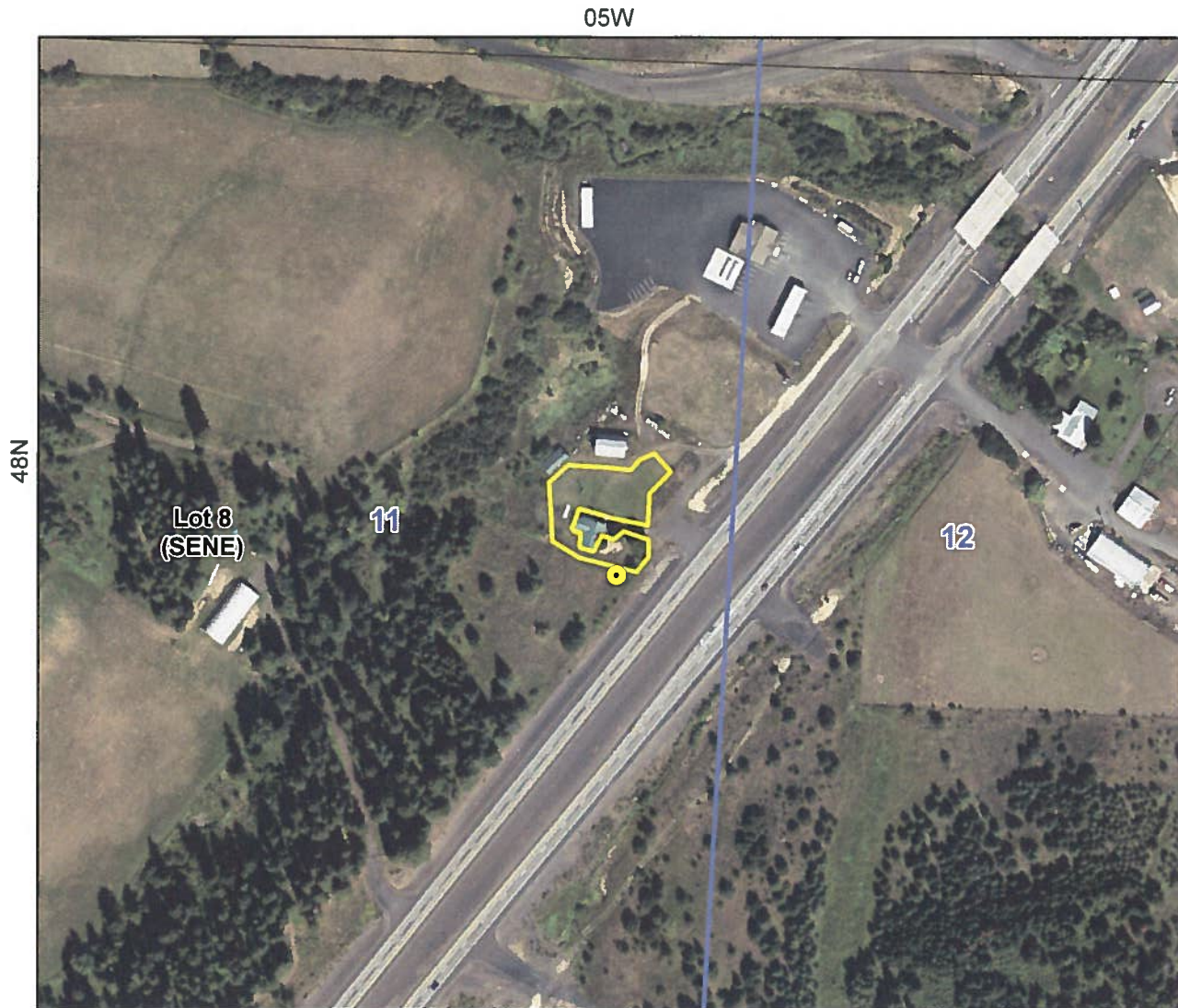


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- Point of Diversion
- Place Of Use Boundary
- Townships
- PLS Sections

0 0.035 0.07 0.14 Miles



IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

Office Use Only	
Inspected by	<u>RFD</u>
Twp	<u>48N</u> Rge <u>5W</u> Sec <u>11</u>
	<u>1/4</u> <u>1/4</u> <u>1/4</u>
Lat:	Long:
	<u>Gov't Lot # 8</u>

1. WELL TAG NO. D0039655

Drilling Permit No: 825976
Other IDWR No. _____

2. OWNER

Name Chmelar, Ivo

Well Number: 869

Address 23107 US 95 South

City Coeur d'Alene State ID Zip 83814

3. LOCATION OF WELL by legal description

sketch map location must agree with written location

N	
E	
S	
W	

Twp. 48 ☒ North or ☐ South
Rge. 05 ☐ East or ☒ West
Sec. 11 1/4 1/4 NE 1/4
Gov't Lot 8 County KOOTENAI
Lat: : : Long: : :

Address of Well Site 23107 US 95 South

City Coeur d'Alene

(Give at least name of road + Distance to Road or Landmark)

Lt. _____ Blk. _____ Sub. Name _____

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 or Pounds	
BENTONITE	0	19	150 lbs	Overbore

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	Liner Welded	Threaded
8	+1	19	.250	Steel	☒	☐	☐
4	-17	252	.200	PVC	☐	☒	☐

Length of Headpipe _____ Length of Tailpipe _____

9. PERFORATIONS/SCREENS

☒ Perforations Method _____ Skill saw

☐ Screens Screen Type _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
217	252	1/8x6	70	4	PVC	☐	☒

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

45 ft. below ground Artesian pressure _____ lb.

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

11. WELL TESTS:

☐ Pump ☐ Bailor ☒ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
25			1hr

Water Temp. Cold Bottom Hole Temp Cold

Water Quality test or comments: Clear

Depth first Water encountered 217

12. LITHOLOGIC LOG:(Describe repairs or abandonment)

				Water	
Bore Diam	From	To	Remarks: Lithology, Water Quality, Temperature	Y	N
10	0	17	Clay	☐	☒
10	17	19	Broken Basalt	☐	☒
8	19	31	Soft Basalt	☐	☒
8	31	199	Basalt Hard	☐	☒
8	199	217	Basalt Med w/Fractures 1gpm	☒	☐
8	217	242	Basalt Hard	☐	☒
8	242	243	Basalt Broken w/2-4gpm	☒	☐
8	243	250	Basalt Hard	☐	☒
8	250	252	Broken Basalt w/clay	☐	☒

RECEIVED
DEC 14 2004
IDWR/North

Completed Depth 252 (Measurable)

Date: Started 11/6/2004 Completed 11/8/2004

13. DRILLER'S CERTIFICATION

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

Firm Name H2O WellService, Inc. Firm No. 448

Firm Official [Signature] Date 11-10-04

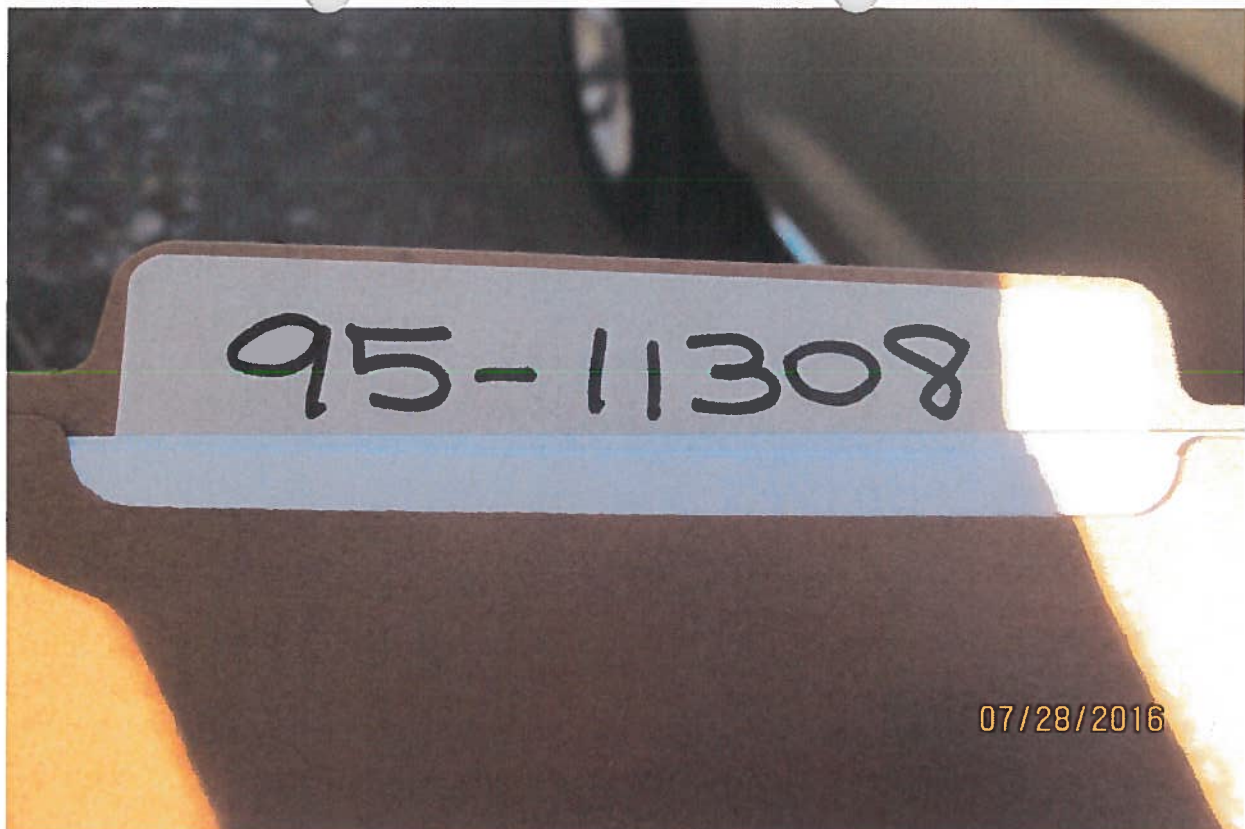
and

Supervisor or Operator [Signature] Date 11/09/04

Mark Penick

(Sign Once if Firm Official and Operator)

48N 5W 11



Home



Well and frost free used for 5 gallon bucket test. 5 gallons in 12 seconds is equal to 25 gpm or 0.06 cfs



Driller ID tag D0039655. Given IDWR tag A0020100 during exam.



Irrigated areas