

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 61-12258
Exam Date: 12/08/2020

1. Current Owner:
CVF LEGACY LLC PO BOX 322 GUNNISON UT 84634-0322
2. Accompanied by: Matt Buckley
Phone No: (801)450-1919
Address: 8821 Old Hwy 30, Hammett ID 83627
Relationship to permit Holder: Property Manager

3. **SOURCE:**
GROUND WATER

Method of Determination: Site visit, well log

B. OVERLAP REVIEW

1. Other water rights with the same place of use: YES Overlap

Water Right No.	Source	Purpose of Use	Basis
61-7702	Groundwater	Domestic	License

Comments: 61-7702 authorizes domestic for the same place of use from 3/15 to 11/15. This right authorizes domestic the rest of the year from 11/16 to 3/14.

2. Other water rights with the same point-of-diversion: YES Overlap

Water Right No.	Source	Purpose of Use	Basis
61-7701	Groundwater	Commercial	License
61-7702	Groundwater	Domestic	License

Comments: Both rights are also diverted from well ID #429466, and also have the 12" well which is no longer functional as part of their system. The system capacity with both wells was found to be 0.09 cfs. The single 6" well's capacity is 0.04 cfs. All three rights should have a combined maximum diversion rate of 0.09 cfs.

C. DIVERSION AND DELIVERY SYSTEM

1. **LOCATION OF POINT(S) OF DIVERSION:**

GROUND WATER SE¼ NW¼, Sec. 36, Twp 05S, Rge 08E, B.M. ELMORE County

Method of Determination: Site visit, well GPS'd at 42° 56' 48" N, 115° 27' 12" W.

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	
05S	08E	36								X									

Method of Determination: Site visit, aerial imagery, digital PLSS system.

3.

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

X Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 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
429466	Centapro 3	1	n/a	13GS10 Gould	1 ¼

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
n/a	n/a	n/a	n/a	n/a	n/a	n/a

2. Measurements: No measurements were taken.

E. FLOW CALCULATIONS

X Additional Computation Sheets Attached

Measured Method: Theoretical

$$Q = \frac{8.8 * (\text{Efficiency}) * \text{hp}}{\text{depth to water} + 2.31 * (\text{psi}) + \text{friction}} = \frac{8.8 * .7 * 1}{140 * 2.31 * (75)} = 0.02 \text{ cfs}$$

Permit	0.09 cfs
B.U. Standard	0.27 cfs
B.U. Proof Fee	\$50 → 0 to 0.20 cfs
Theoretical Rate	0.02 cfs
Pump Curve	0.04 cfs

License Recommendation 0.04 cfs

F. VOLUME CALCULATIONS

1. Volume Calculations for irrigation: N/A

2. Volume Calculations for Other Uses:

Annual volume:

- 1) 33 units
 - a. 90 people total (per exam) * 60 gpd per person (Rural and Domestic Water Uses, Field Examiner's Handbook) * 119 day season (11/16 – 3/14) = 642,600 gal per year = 1.97 afa
- 2) Office
 - a. 1 worker (per exam) * 15 gpd (per B.U. exam for 61-7702) * 119 day season (11/16 - 3/14) = 1785 gal per year = 0.01 afa
- 3) Laundry
 - a. 33 units (per exam) * 1 load/unit/day * 50 gal per load (Rural and Domestic Water Uses, Field Examiner's Handbook) * 119 day season (11/16 – 3-14) = 196,350 gal per year = 0.60 afa

Total Volume = 1.97 afa + 0.01 afa + 0.60 afa = 2.6 afa

G. NARRATIVE/REMARKS/COMMENTS

This permit authorizes 0.09 cfs of ground water for the domestic purposes of an apartment complex, office and laundry in Elmore County. A request for extension of time was submitted to the Department on September 14, 2015 for 5 additional years, extending proof due til October 1, 2020. An assignment of permit was filed November 28, 2017 to give ownership of the permit to CVF Legacy, LLC. CVF Legacy, LLC submitted proof of beneficial use on September 21, 2020. The field exam was conducted by WRA Tyler Smith on December 8, 2020 and was accompanied by Matt Buckley, the property manager, and a maintenance worker.

The permit authorized two points of diversion, an existing 12" well and a new 6" well. During the exam, the maintenance worker familiar with the water system stated that the 12" well is no longer in use. The 6" well ID #429466 has a 1-hp motor set at 140' bsl, giving a theoretical system capacity of 0.02 cfs. Pump curves indicate a possible rate of 0.04 cfs, which is recommended for licensing. The well connects to two storage tanks with a 90 gallon capacity within a shed adjacent to the well. Water is then pressurized and distributed to the 33 apartment units, the 3 laundry machines and the apartment complex office.

Water rights 61-7701 and 61-7702 are also distributed through this well and delivery system, and they have a combined total diversion rate of 0.09 cfs. Both water rights have the 6" well and the 12" well as points of diversion. A transfer should be filed in order to remove the 12" well from the water rights since it is no longer in use. 61-7701 authorizes 0.06 cfs for commercial use for a headstart school just south of the pressure tank storage shed. 61-7702 authorizes domestic use for the apartments, office and laundry from 3/15 to 11/15. This permit was filed to cover domestic uses for the rest of the year, 11/16 to 3/14. The system capacity was found to be 0.04 cfs, and therefore all three rights should have a combined diversion rate limit of 0.09 cfs.

According to Matt, there were up to 90 people living in the apartment complex during the development period. The volume was calculated using data from the Field Examiners Handbook for the different uses and based on the season of use from 11/16 to 3/14 being 119 days. The recommended volume for the 33 apartment units, laundry and office for this season of use is 2.6 afa.

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	11/16 to 03/14	0.04 CFS	2.6 AFA

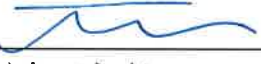
Totals: 0.04 CFS 2.6 AFA

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 Tyler Smith - Water Resource Agent

Field Examiner's Name  Date 12/15/20

Reviewer Patrick Kelly Date 12-16-2020

Delivery System Diagram for 61-12258



THEORETICAL HORSEPOWER EQUATION WORKSHEET (cjh 1/92)

Water Right No.: 61-12258
 Reviewer: Tyler Smith
 Date of Review: 12/14/2020

P/D No.:	Senerio 1	Senerio 2	Senerio 3
PUMP HORSEPOWER	1	1	1
BOOSTER HORSEPOWER	0	0	0
PUMPING LEVEL	140	140	140
DISCHARGE PRESSURE	72	73	75
RATE OF FLOW (cfs)	0.02	0.02	0.02 0.02

The above calculates the formula =

$$Q = \frac{8.8 * (\text{Efficiency}) * \text{hp}}{\text{depth to water} + 2.31 * (\text{psi}) + \text{friction}}$$

Assumptions: %70 efficiency.
 No Friction

Examiners Notes:

Down Right Drilling & Pump reports a 1 hp pump. Lift is recorded at 140 ft. A range of discharge pressures were used base on observed system pressures (72-75 psi). Theoretical average flow rate is 0.02 cfs.

Smith, Tyler

From: office@downrightdrilling.com on behalf of Down Right Drilling
<office@downrightdrilling.com>
Sent: Thursday, December 10, 2020 9:00 AM
To: Smith, Tyler
Subject: RE: Pump Information Request for Community Council of Idaho
Attachments: Resized_20201210_084400.jpeg

Good Morning Tyler,

That job was all done through SPF Engineering.

The pump is a 13GS10 Goulds Pump, and 1 HP Centrapro 3 wire Motor. See attached Pump Curve.
Set 140' on 1.25" Schedule 80 PVC Drop Pipe with SS Couplers
1.25" Weld On Pitless Adapter, 1" PVC Sounding Tube.
1.24" 160psi Black Poly in the ditch and a 90 gallon Flexlite tank.
It has a Generator Backup installed.

That should be about it, if you need something else just let me know

Thank You

Sam

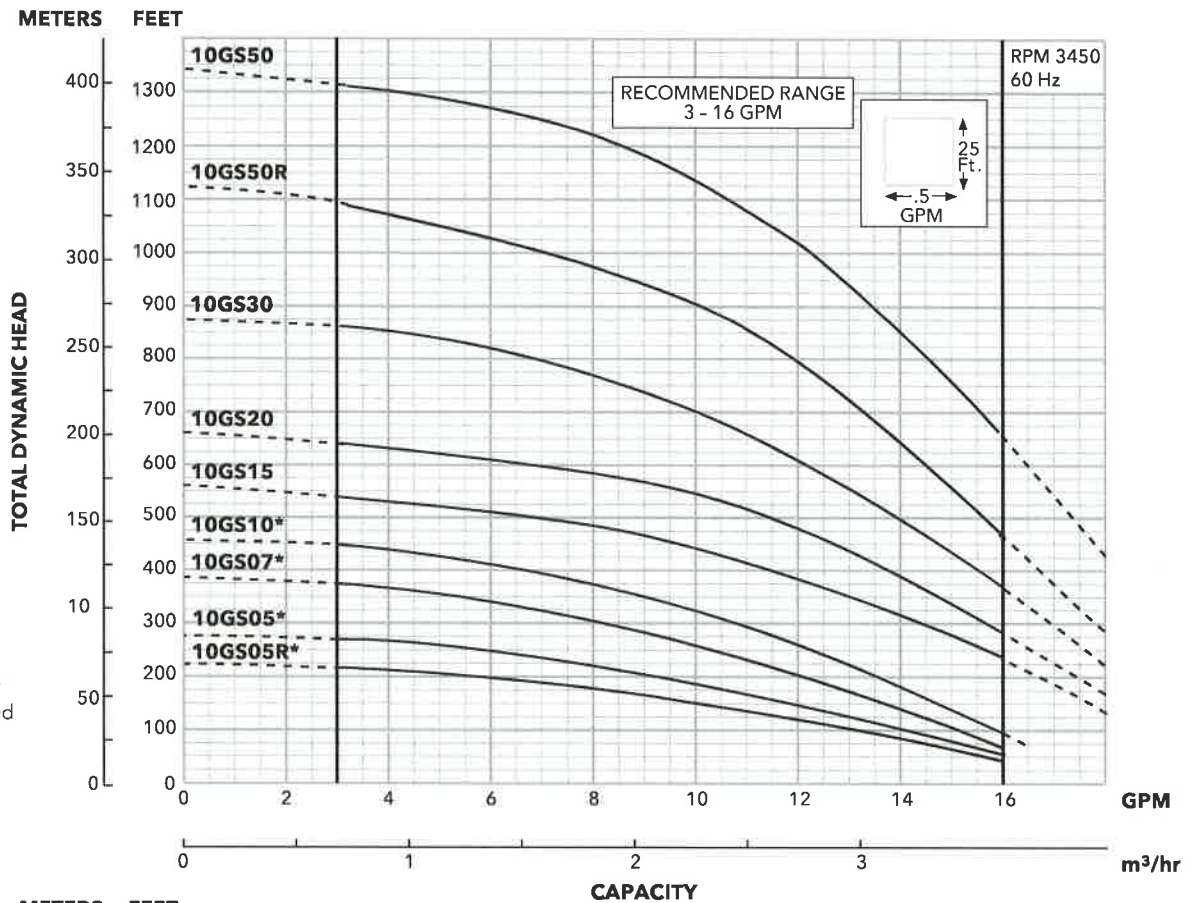
From: "Smith, Tyler" <Tyler.Smith@idwr.idaho.gov>
Date: Thu, Dec 10, 2020 8:16 am
To: "office@downrightdrilling.com" <office@downrightdrilling.com>
Subject: Pump Information Request for Community Council of Idaho

Hi there,

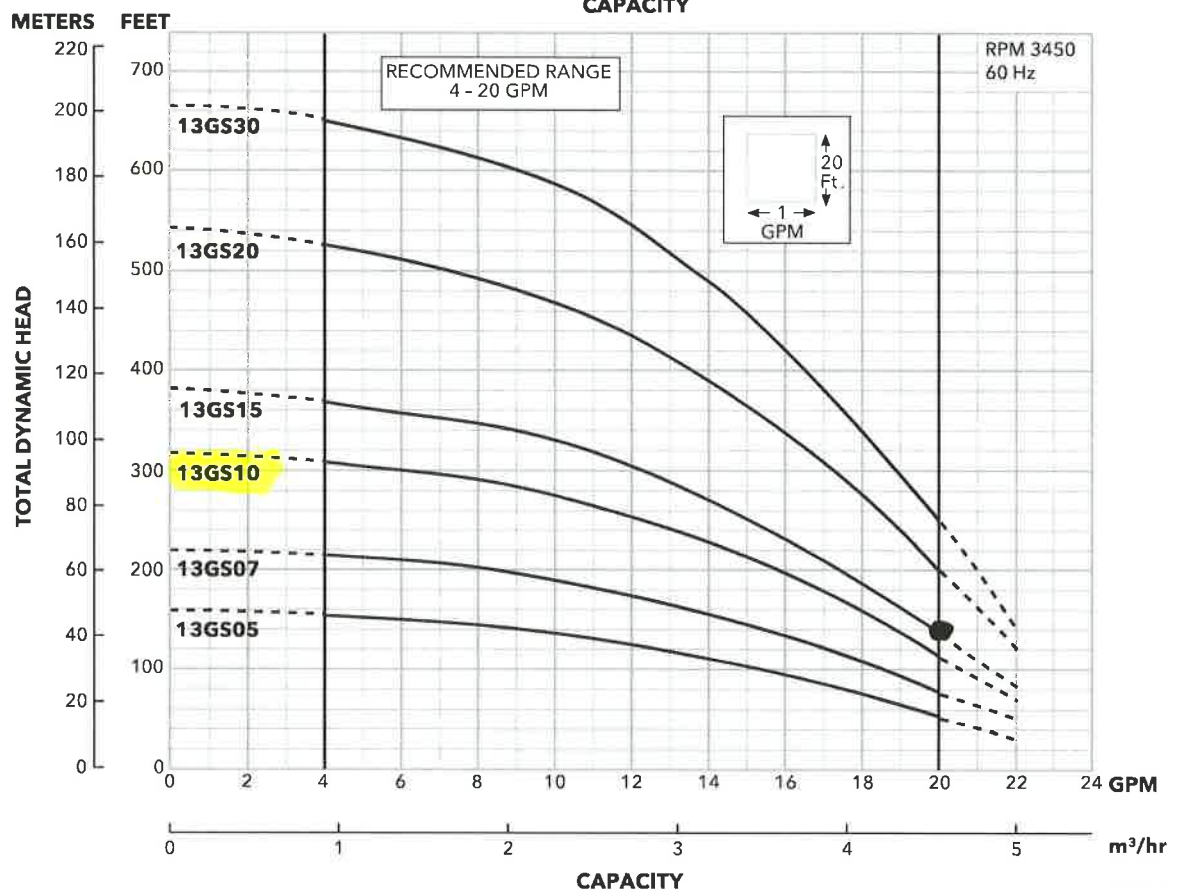
I am looking for some information regarding a pump that was installed in a well drilled by Down Right Drilling for Community Council of Idaho on 10/12/10 (well log attached). If you have any documents for the pump such as depth installed, make, model, pump curves, etc. I would greatly appreciate that information as it is needed for a water right license and the owner does not have the information. If you need any additional information from me please let me know.

Thanks for your help with this matter.

Model 10GS



Model 13GS



IDAHO DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

860107

1. WELL TAG NO. D 0059099

Drilling Permit No. _____

Water right or injection well # _____

2. OWNER

Name Community Council of Idaho c/o Frenando Sosa

Address 317 Happy Day Blvd., Ste 250

City Caldwell State ID Zip 83607

3. WELL LOCATION:

Twp. 5 North ☐ or South ☒ Rge. 8 East ☒ or West ☐

Sec. 36 SE 1/4 SE 1/4 NW 1/4
10 acres 40 acres 160 acres

Gov't Lot _____ County Elmore

Lat. 42° 56.807 (Deg. and Decimal minutes)

Long. 115° 27.193 (Deg. and Decimal minutes)

Address of Well Site 8270 Old Highway 30

City Hammett

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

Lot _____ Blk. _____ Sub. Name Comunidad Casmiro

4. USE:

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

5. TYPE OF WORK check all that apply

(Replacement etc.)

☒ New Well ☐ Replacement well ☐ Modify existing well

☐ Abandonment ☐ Other _____

6. DRILL METHOD:

☐ Air Rotary ☒ Mud Rotary ☐ Cable ☐ Other _____

7. SEALING PROCEDURES

Seal material	From (ft)	To (ft)	Quantity (lbs or ft³)	Placement method/procedure
cement	5	70	50 cu.ft	tmie pmped bttm up
bentonite	0	5	250 lbs	poured & tagged

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/Schedule	Material	Casing	Liner	Threaded	Welded
6	+3	88	.280	steel	☒	☐	☐	☒
6	88	178	SDR	17 PVC	☒	☐	☐	☐

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

9. PERFORATIONS/SCREENS:

Perforations ☐ Y ☒ N Method _____

Manufactured screen ☒ Y ☐ N Type slotted

Method of installation set in with casing

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule
88	178	.020		6"	PVC	SDR-17

Length of Headpipe _____

Length of Tailpipe _____

Packer ☐ Y ☒ N Type _____

10. FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft³)	Placement method
10-20	70	180	5800 lbs	poured & tagged

11. FLOWING ARTESIAN:

Flowing Artesian? ☐ Y ☒ N Artesian Pressure (PSIG) _____

Describe control device _____

12. STATIC WATER LEVEL and WELL TESTS:

Depth first water encountered (ft) 10 Static water level (ft) 17

Water temp. (°F) _____ Bottom hole temp. (°F) 64.8

Describe access port _____

Well test:

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)
80	15	2500

Test method:

Pump ☒ Bailor ☐ Air ☐ Flowing artesian ☐

Water Quality test or comments: _____

13. LITHOLOGIC LOG and/or repairs or abandonment:

Bore Dia. (in)	From (ft)	To (ft)	Remarks, lithology or description of repairs or abandonment, water temp.	Water
13.5	0	1	top soil	X
13.5	1	6	brown dry clay hard	X
13.5	6	10	flat fine black sand	X
13.5	10	19	sand & gravel, small gravel black sand	X
13.5	19	20	soft white clay	X
13.5	20	31	sand & gravel, small gravel black sand	X
13.5	31	52	sand & gravel, big gravel black sand	X
13.5	52	58	strips clay & gravel	X
12	58	62	very hard grey clay	X
12	62	63	strips sand & gravel	X
12	63	68	solid grey clay	X
12	68	180	grey clay w/cracks black sand	X

RECEIVED

NOV 05 2010

WATER RESOURCES
WESTERN REGION

Completed Depth (Measurable) _____

180

Date: Started 10-01-10

Completed 10-12-10

14. DRILLER'S CERTIFICATION

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

Company Name Down Right Drilling & Pump, Inc Co. No. 637

*Principal Driller [Signature] Date 11-1-10

*Driller [Signature] Date 11-1-10

*Operator II _____ Date _____

Operator I _____ Date _____

* Signature of Principal Driller and rig operator are required.

RECEIVED

NOV 12 1968

REPORT OF WELL DRILLER State of Idaho

Department of Reclamation

State law requires that this report shall be filed with the State Reclamation Engineer within 30 days after completion or abandonment of the well.

WELL OWNER:

Name Safon Camp #2

Address Hammitt, Idaho

Owner's Permit No. _____

NATURE OF WORK (check): Replacement well ☐

New well ☒ Deepened ☐ Abandoned ☐

Water is to be used for: culinary

METHOD OF CONSTRUCTION: Rotary ☐ Cable ☒

Dug ☐ Other _____

(explain)

CASING SCHEDULE: Threaded _____ Welded _____

12"Diam. from 0 ft. to 40 ft.

8"Diam. from 0 ft. to 51 ft.

"Diam. from _____ ft. to _____ ft.

"Diam. from _____ ft. to _____ ft.

Thickness of casing: 1/4 Material:

Steel ☒ concrete ☐ wood ☐ other ☐

(explain)

PERFORATED? Yes ☐ No ☐ Type of perforator used: 39 ft. to 51' of 8"

is perforated

Size of perforations: _____" by _____"

perforations from 39 ft. to 51 ft.

perforations from _____ ft. to _____ ft.

perforations from _____ ft. to _____ ft.

perforations from _____ ft. to _____ ft.

WAS SCREEN INSTALLED? Yes ☐ No ☒

Manufacturer's name _____

Type _____ Model No. _____

Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.

Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.

CONSTRUCTION: Well gravel packed? Yes ☒

No ☐ size of gravel 1/4 to 1/2" Gravel

placed from 0 ft. to 41 ft. Surface seal

provided? Yes ☒ No ☐ To what depth?

25 ft. Material used in seal: benonite

Did any strata contain unusable water? Yes ☐

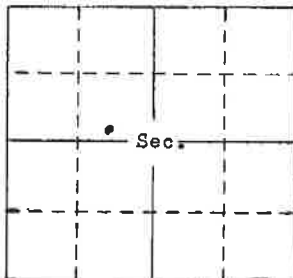
No ☒ Type of water: _____

Depth of strata _____ ft. Method of sealing strata off: _____

Surface casing used? Yes ☒ No ☐

Cemented in place? Yes ☐ No ☒

Locate well in section



LOCATION OF WELL: County Blaine

SE 1/4 114 Sec. 36 T. 5 S R. 8 E

Size of drilled hole: 12" Total
depth of well: 51 Standing water
level below ground: 11 Temp.
Fahr. 76 ° Test delivery: untested gpm
or _____ cfs Pump? ☐ Bail ☐
Size of pump and motor used to make test: _____

Length of time of test: _____ Hrs. _____ Min.

Drawdown: _____ ft. Artesian pressure: ft.

above land surface _____ Give flow _____ cfs

or _____ gpm. Shutoff pressure: _____

Controlled by: Valve ☐ Cap ☐ Plug ☐

No control ☐ Does well leak around casing?

Yes ☐ No ☐

DEPTH MATERIAL 14371 WATER

FROM TO YES OR NO

FEET FEET

0 2 top soil X

2 19 Red sand & coarse gravel X

19 40 Blue clay X

40 51 Coarse sand & fine gravel X

Work started: 8-14-68

Work finished: 8-17-68

Well Driller's Statement: This well was drilled under my supervision and this report is true to the best of my knowledge.

Name: Bill Shuler

Address: 1135 E. 298

Signed by: [Signature]

License No. 89 Date: 11-7-68

Use other side for additional remarks

BasinSequence	Owner	Source	NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SESW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE
61-10661	PEARSON, JOYCE WUNDERLICH	GROUND WATER												X				
61-10693	DAVIS, CECIL G; DAVIS, MAY P	GROUND WATER									X							
61-12258	COMMUNITY COUNCIL OF IDAHO INC; CVF LEGACY LLC	GROUND WATER																
61-7701	COMMUNITY COUNCIL OF IDAHO INC; CVF LEGACY LLC; IDAHO MIGRANT COUNCIL	GROUND WATER																
61-7702	COMMUNITY COUNCIL OF IDAHO INC; CVF LEGACY LLC; IDAHO MIGRANT COUNCIL	GROUND WATER																

= this right

= overlap

BasinSequence	Owner	Source	Use	NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SENW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE
37-21595	KING HILL IRRIGATION DISTRICT; \$	MALAD RIVER	IRRIGATION	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
37-4112	KING HILL IRRIGATION DISTRICT; \$	MALAD RIVER	IRRIGATION	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
61-10661	PEARSON, JOYCE WUNDERLICH	GROUND WATER	DOMESTIC												X				
61-10661	PEARSON, JOYCE WUNDERLICH	GROUND WATER	STOCKWATER												X				
61-10693	DAVIS, CECIL G; DAVIS, MAY P	GROUND WATER	DOMESTIC									X							
61-12258	COMMUNITY COUNCIL OF IDAHO	GROUND WATER	DOMESTIC								X								
61-2338	WILBUR F WILSON RANCH; WILSON	COLD SPRINGS CREEK	IRRIGATION																7
61-7200	BRADBURY, FARRELL H; FRANCES	COLD SPRINGS CREEK	IRRIGATION													14			
61-7569A	BRYANT, DON J; GARY & FRANCES	GROUND WATER	IRRIGATION													13			
61-7701	COMMUNITY COUNCIL OF IDAHO	GROUND WATER	COMMERCIAL								X								
61-7702	COMMUNITY COUNCIL OF IDAHO	GROUND WATER	DOMESTIC								X								

= this right

= overlap

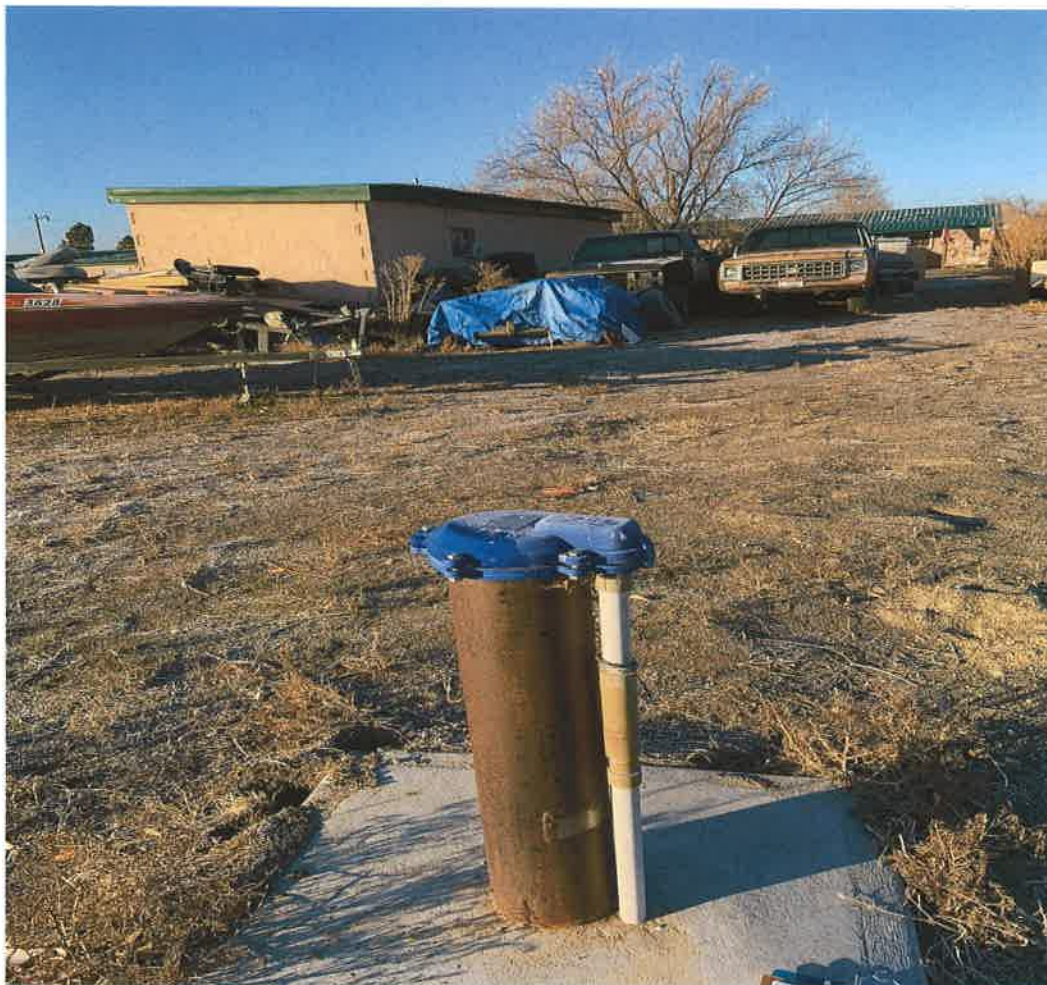


Fig. 1 – 6" well ID #
429466 GPS'd at

42° 65' 48" N

115° 27' 12" W

Shed with storage
tanks in
background.



Fig. 2 – Well tag
ID D0059099



Fig. 3 – Well drilling and pump instillation was done by Down Right Drilling & Pump.



Fig. 4 – View inside of shed. Water comes in from well in background, into the storage tanks, then out via a service line. Abandoned 12" well can be seen in back right corner.



Fig. 5 – Water comes from well to these two holding tanks. According to Down Right Drilling the tanks hold 90 gallons combined.



Fig. 6 – 2 ¼ pipe from well to holding tanks inside shed.

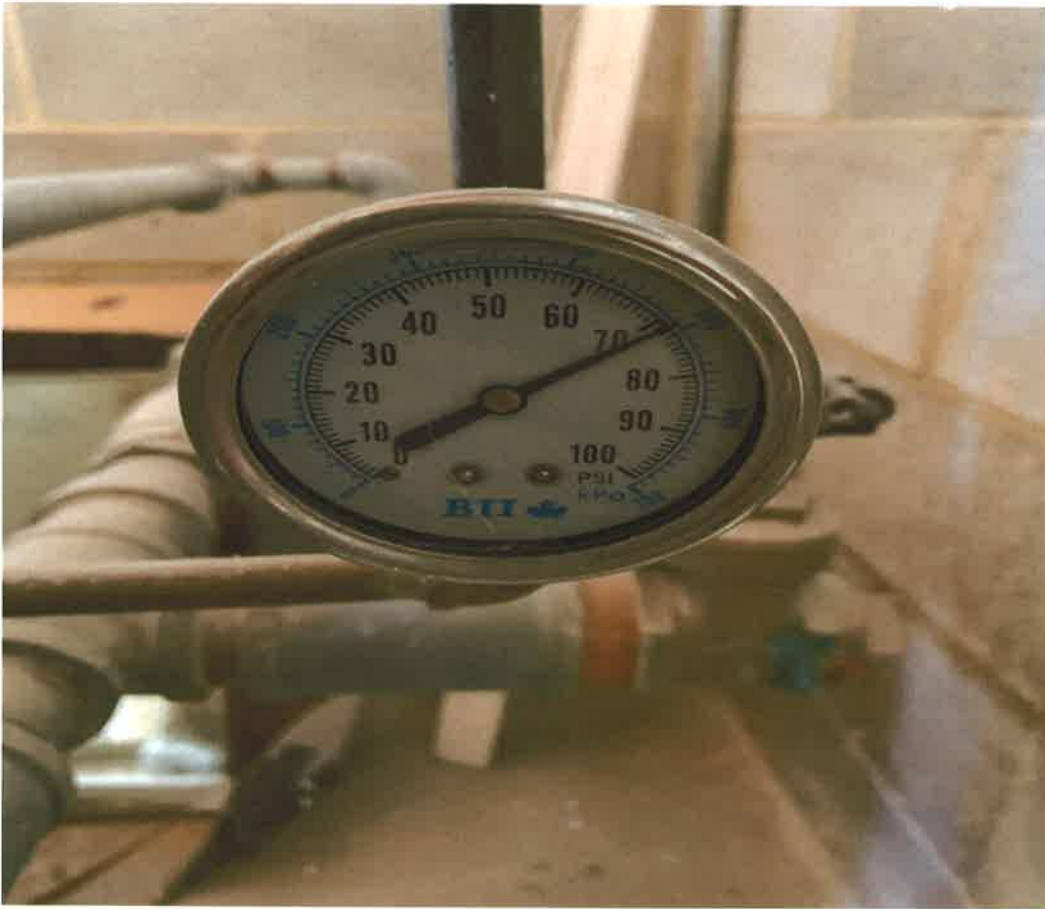


Fig. 7 - The PSI was observed between 72 and 75 during the exam.

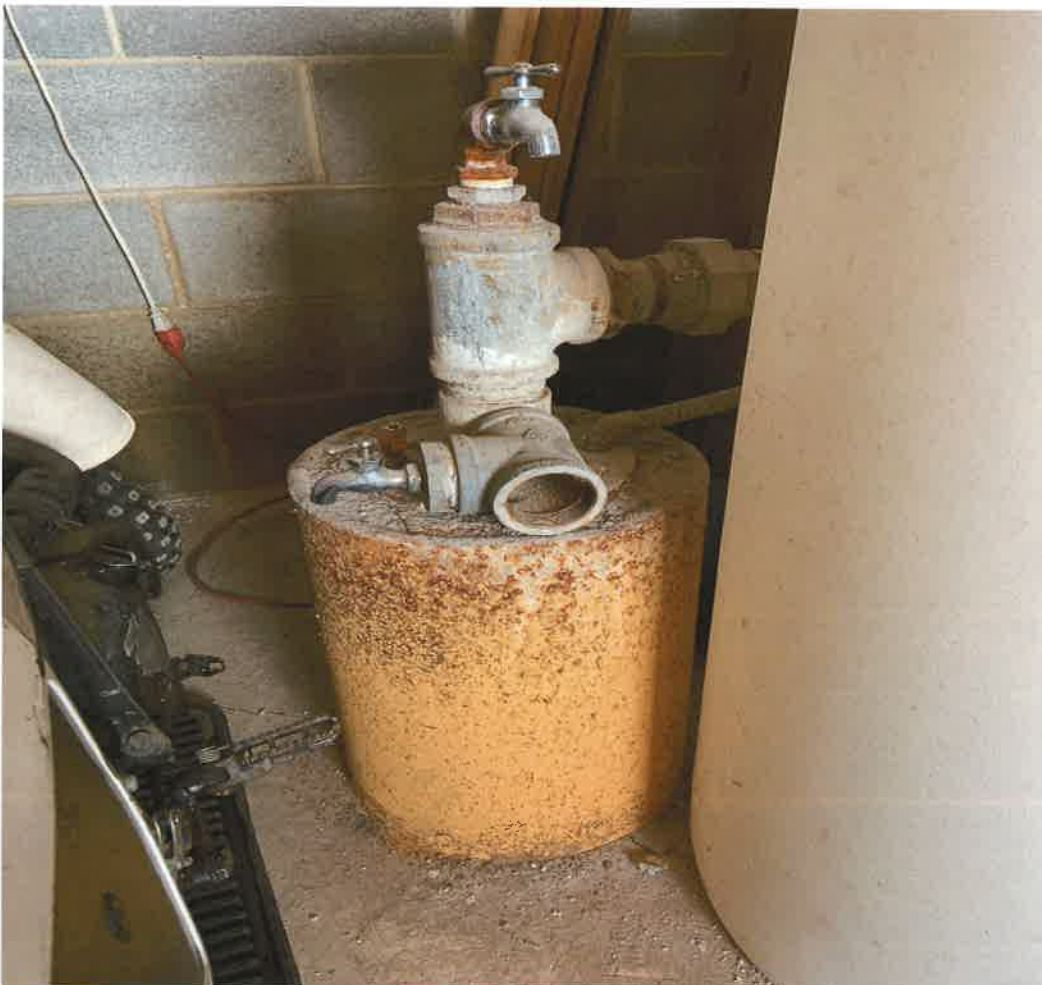


Fig. 8 – 12" well ID #387005 that no longer provides water according to the maintenance worker familiar with the system.



State of Idaho

DEPARTMENT OF WATER RESOURCES

Western Region • 2735 Airport Way • Boise, Idaho 83705-5082

Phone: (208) 334-2190 • Fax: (208) 334-2348 • Website: www.idwr.idaho.gov

BRAD LITTLE
Governor

GARY SPACKMAN
Director

November 19, 2020

CONFIDENTIAL

CVF LEGACY LLC
PO BOX 322
GUNNISON, UT 84634

Re: Notice of Intent to Void Permit to Appropriate Water No. 61-12258

Dear Permit Holder,

On October 19, 2020 the Department of Water Resources (IDWR) attempted to contact you to conduct a field examination to verify your water use and issue a water right license. As of November 19, 2020 there has been no response to that letter. A field examination is not required for your permit if the following components of the permit can be confirmed through documentary means: the application of water to a beneficial use, the location of the point of diversion, the location of the place of use, and the season of use. Acceptable forms of documentation include photographs of the pump and diversion system, photographs of the irrigated place of use, and GPS coordinates. If department staff cannot demonstrate that water is diverted and put to beneficial use in accordance with the permit either through documentation submitted by you or by field examination, then a license will not be issued. It is the intent of IDWR to void your permit if a response is not received within fourteen (14) days.

IDWR forms and other information are available on the Internet at www.idwr.idaho.gov. Please contact me at 208-334-2190 if you need more information. Thank you for your attention to these matters.

Sincerely,

Tyler Smith
Water Resource Agent
Western Region, IDWR



State of Idaho

DEPARTMENT OF WATER RESOURCES

Western Region • 2735 W Airport Way • Boise ID 83705-5082

Phone: (208) 334-2190 • Fax: (208) 334-2348

Website: idwr.idaho.gov • Email: westerninfo@idwr.idaho.gov

BRAD LITTLE
Governor

GARY SPACKMAN
Director

COPY

October 19, 2020

CVF LEGACY LLC
PO BOX 322
GUNNISON, UT 84634-0322

RE: Scheduling Field Exam for Water Right Permit No. 61-12258

Dear Permit Holder:

We are planning to conduct water right examinations in the vicinity of the above-referenced permit **this season**. An examination is needed to verify the water use in order to issue a water right license.

The above-referenced permit authorizes **0.09 CFS** of **GROUNDWATER** for **DOMESTIC** use. **If you have developed a beneficial use and still own the place of use property, please contact me at your earliest convenience to schedule an examination.**

If you did not develop a beneficial use of water under the permit during the beneficial use period, a license cannot be issued and the permit should be relinquished. If that use was developed, but have ceased using the water and you currently carry no interest in it, please relinquish the permit by submitting the enclosed Relinquishment of Permit form (no fee required).

If you did develop a beneficial use of water under the permit, but you no longer own the place of use property identified in the permit, please submit the enclosed Assignment of Permit form with the applicable \$25 processing fee.

Please contact me within the next thirty (30) days at (208) 334-2190 or tyler.smith@idwr.idaho.gov to either schedule an examination or submit a relinquishment or assignment form. If you no longer own the place of use property and/or do not respond to this letter, the department will work with the current property owner to issue a license or void the permit.

Sincerely,

Tyler Smith
Water Resource Agent

Enclosures: Relinquishment of Permit form
Assignment of Permit form
Proof Report and Map