

Form No
GWS-09
09/2016

STATE OF COLORADO, OFFICE OF THE STATE ENGINEER
1313 Sherman St., Room 821, Denver, CO 80203 303.866.3581
www.water.state.co.us and dwrpermitsonline@water.state.co.us

For Office Use Only

WELL ABANDONMENT REPORT

Use to report plugging and sealing of permitted wells, monitoring and other holes. Type or print in black or blue ink. Instructions and plugging standards are on reverse side

1. Well Permit Number of the well being plugged _____ or
MH File Number MH- _____ Receipt Number: _____

2. Individual/Company responsible for plugging and sealing the well:

Name(s) _____ License # _____
Mailing Address _____
City, St., Zip _____
Phone (____) _____ Email _____

3. Well (Hole) Owner: Name(s): _____
Phone: (____) _____ Email: _____
Mailing Address, City, St., Zip: _____

4. Well Location Address: _____

5. GPS Well Location: County _____
UTM Zone 12 or Zone 13 Easting _____ Northing _____

6. Legal Location: ___ 1/4 of the ___ 1/4, Sec ___, Twp ___ N or S ___, Range ___ E. or W. ___, ___ P.M.
Distance from Section Lines _____ Ft. From ___ N. or S. ___, _____ Ft. From ___ E. or W. ___ Line.
Subdivision Name _____ Lot _____, Block _____, Filing/Unit _____

7. I/we report the existing well/hole was plugged and sealed on _____ (date) for the following reason(s):
 The well was plugged and sealed as required under Well Permit Number _____.
 The well was not in use and was plugged and sealed.
 Other (please explain) _____

8. Intervals of Casing Removed/Ripped:

from _____ feet to _____ feet, from _____ feet to _____ feet, from _____ feet to _____ feet,
from _____ feet to _____ feet, from _____ feet to _____ feet, from _____ feet to _____ feet,

9. Amount and Type of Material	Method of Placement	Interval
_____	_____	from _____ feet to _____ feet
_____	_____	from _____ feet to _____ feet
_____	_____	from _____ feet to _____ feet
_____	_____	from _____ feet to _____ feet

I have read the statements made herein and know the contents thereof, and they are true to my knowledge. This document is signed (or name entered if filing online) and certified in accordance with Rule 17.4 of the Water Well Construction Rules, 2 CCR 402.2. The filing of a document that contains false statements is a violation of section 37 91 108(1)(e), C.R.S., and is punishable by fines up to \$1000 and/or revocation of the contracting license. If filing online the State Engineer considers the entry of the licensed contractor's name to be compliance with Rule 17.4.

10. Signature(s)	Please Print the Name, Title, & License No.	Date
_____	_____	_____
_____	_____	_____

It is the responsibility of the well owner to have the well/hole properly plugged and sealed. The Well Construction Contractor is responsible for notifying the owner of this requirement in writing.

STATE OF COLORADO
DIVISION OF WATER RESOURCES
OFFICE OF THE STATE ENGINEER
1313 Sherman St., Ste 821, Denver, Colorado 80203
(303) 866-3581

INFORMATION FOR WELL PERMITS APPROVED PURSUANT TO CRS 37-90-107(7)
(DENVER BASIN AQUIFER WELLS LOCATED IN DESIGNATED GROUND WATER BASINS)

Carefully read the conditions of approval on your well permit. Those conditions and the information on this information sheet must be complied with in order for the permit to remain valid.

THE WELL CONSTRUCTION WORK MUST BE COMPLETED PRIOR TO THE EXPIRATION DATE OF THE PERMIT. THE PERMIT EXPIRATION DATE IS ONE YEAR FROM THE DATE ISSUED. Evidence of well construction must be submitted to this office in the form of a well construction report from the contractor showing that construction was completed prior to the expiration date of the well permit.

The well permit number is located in the upper right hand corner of the permit, and the expiration date is located in the lower right hand corner.

The expiration date of the permit may be **extended once for a maximum time of one year** at the discretion of the Commission for good cause shown. If an extension of time is necessary to construct the well, a written request must be received by this office **prior to the expiration date** along with a \$60 filing fee and must state why the well has not been completed, must include an estimate of time required to complete the well, and must specify the length of extension you desire, not to exceed one year.

Upon installation of the pump evidence of pump installation must also be submitted to this office in the form of a pump installation report from the contractor who installed the pump.

A NOTICE OF COMMENCEMENT OF BENEFICIAL USE (FORM NO. GWS-19) MUST BE FILED WITH THE DIVISION OF WATER RESOURCES BY THE WELL OWNER WITHIN 30-DAYS AFTER FIRST COMMENCEMENT OF USE. Please retain the enclosed copy of this form and file it with this office when the well is first put to use.

The well must be constructed and the pump installed by contractors with current license(s) issued by the State of Colorado unless exempted as described on the reverse side. The well construction and pump installation reports must be submitted to the office of the State Engineer within sixty (60) days of completion of the work or within seven days after expiration of the permit, whichever is earlier. Your contractor(s) must provide you with a copy of the work report(s) they have filed with the State Engineer. The Well Construction and Test Report (Form No. GWS-31) and the Pump Installation and Test Report (Form No. GWS-32) are available from the Division of Water Resources offices, or from our website at dwr.colorado.gov. Additional information regarding well construction, geophysical logging requirements, pump installation, metering requirements, and well plugging are found on the reverse side of this sheet.

Keep a copy of this permit for your records. You may view or print the entire permit file using our online well permit search tool: <https://dwr.state.co.us/Tools/WellPermits> Statutes require that any change of mailing address or ownership be reported to the State Engineer. Form number GWS-11 is used both by new owners to report ownership changes and current owners to report address changes.

If you have any questions, call the Ground Water Commission Staff or Ground Water Information Desk in the Denver Office at (303) 866-3587.

The well must be constructed in compliance with the Water Well Construction Rules (2 CCR 402-2) unless approval of a variance has been granted by the State Board of Examiners of Water Well Construction and Pump Installation Contractors. The Water Well Construction Rules are available from our offices or our website at dwr.colorado.gov. The rules cover the minimum well construction and pump installation standards, disinfection requirements, well plugging standards and contractor licensing regulations.

Any well to be plugged must be plugged in accordance with Rule 16 of the Water Well Construction Rules. A Well Abandonment Report, Form Number GWS-9, must be submitted to confirm the plugging and sealing of the well. This form is available from our offices, or from our website at dwr.colorado.gov.

Well construction and pump installation by the well owner. You may construct the well and/or install the pump yourself if the well is entirely for your own use, is on property you own, and is constructed and/or pump equipment is installed with equipment owned and operated by you. **It will be your responsibility** to complete and submit the Well Construction and Test Report, Form Number GWS-31 and/or the Pump Installation and Test Report, Form Number GWS-32. These forms are available from our offices, or from our website at dwr.colorado.gov. If you are constructing your own well or installing your own pumping equipment, it is recommended that you obtain a copy of the Water Well Construction Rules for reference.

The permit may require installation of a totalizing flow meter to measure all withdrawals from the well. As a minimum, the meter shall be installed according to manufacturer's recommendations and shall contain sufficient recording digits to assure that "roll over" to zero does not occur within three years, and shall be read annually. The meter shall be maintained by the permittee so as to provide continuous, accurate records of withdrawal. If the meter is not operational, the well shall not be pumped. The Commission may approve a substitute totalizing measuring device if it is capable of recording or can be used to calculate the total volume pumped. The permittee shall report the amount of withdrawal from the permitted well as reasonably required by the Commission.

Geophysical logs are required for all new wells permitted pursuant to Section 37-90-107(7), C.R.S. unless there is an existing geophysical log from that aquifer located within 1,320 feet of the proposed well which is acceptable to the State Engineer and is representative of the aquifer conditions at the location of the permitted well. The permittee will be responsible for obtaining and submitting a copy of the existing geophysical log unless it is currently on file in the State Engineer's Office.

If the new well is geophysically logged, the permittee is responsible for obtaining and submitting those required geophysical logs to the State Engineer's Office as follows: 1) The minimum requirements will be for both resistivity and spontaneous potential (SP) logs, which must be obtained prior to the installation of the well casing. 2) The resistivity log must record values at approximately one-and three-foot depths of investigation. 3) The vertical scale shall be either one inch equals twenty feet, or one inch equals fifty feet. 4) If additional types of logs, including gamma, neutron, porosity, sonic, single point resistance, and caliper, are obtained, copies of these logs shall also be submitted to the State Engineer's Office. 5) The entire set of logs must be submitted to the State Engineer's Office within sixty (60) days following collection of the data or within seven days after the expiration date of the well permit, whichever is earlier. The log shall be identified by the well permit number. 6) If a permittee, or an applicant drilling a test hole, desires to use other geophysical logs to meet the minimum requirements, they must apply in writing to and obtain approval from the State Engineer's Office prior to well construction. 7) In the event that the data provided contains trade secrets, privileged information, or confidential commercial, financial, geological or geophysical data, the State Engineer shall deny the right of inspection of such data to any person and keep the data confidential pursuant to C.R.S. 24-72-204(3)(a)(IV), provided the applicant notifies the State Engineer in writing requesting such protection.

The State Engineer may require the applicant to submit the geophysical well logs prior to the casing of the production well in order to determine the appropriate producing intervals. In such a case, the State Engineer shall inform the applicant of the appropriate producing interval within two working days of receipt by the State Engineer of the geophysical logs.

WELL PERMIT NUMBER 88438-F

RECEIPT NUMBER 10029868

NOTE: This well is withdrawing water from a non-renewable aquifer. While the withdrawals from this aquifer are administered based on a 100 year aquifer life, water level declines may prevent this well from diverting the permitted amounts for that 100 years.

NOTE: This well is located within the Upper Black Squirrel Creek Ground Water Management District where local District Rules apply which may further limit the withdrawal and use of designated ground water as authorized under this permit. The District requires records of all diversions be maintained and submitted monthly.

NOTE: This permit will expire on the expiration date unless the well is constructed by that date. A Well Construction and Yield Estimate Report (GWS-31) must be submitted to the Division of Water Resources to verify the well has been constructed. A one-time extension of the expiration date may be available. Contact the DWR for additional information or refer to the extension request form (GWS-64). Upon installation of the pump, a Pump Installation and Production Equipment Test Report (GWS-32) must be submitted to the Division of Water Resources. In addition, a Notice of Commencement of Beneficial Use (GWS-19) must be filed with the Division of Water Resources by the well owner within 30-days after first commencement of use. Forms are available at: dwr.colorado.gov



Issued By SHANNON PORTER

Date Issued: 8/9/2023

Expiration Date: 8/9/2024



COLORADO

Division of Water Resources

Department of Natural Resources

WELL PERMIT NUMBER 88438-F
RECEIPT NUMBER 10029868

ORIGINAL PERMIT APPLICANT(S)

G & D HAMMANN OHANA TRUST (GARY HAMMANN)

APPROVED WELL LOCATION

Water Division: 2 Water District: 10
Designated Basin: UPPER BLACK SQUIRREL CREEK
Management District: UPPER BLACK SQUIRREL
County: EL PASO
Parcel Name: VIL (FILING: 1)
Lot: 1 Block: Filing: 1A
Physical Address: 17825 JONES ROAD PEYTON, CO 80831
NW 1/4 NW 1/4 Section 30 Township 13.0 S Range 63.0 W Sixth P.M.

UTM COORDINATES (Meters, Zone:13, NAD83)

Easting: 543655.0 Northing: 4305357.0

PERMIT TO CONSTRUCT A NEW WELL

ISSUANCE OF THIS PERMIT DOES NOT CONFER A WATER RIGHT
CONDITIONS OF APPROVAL

- 1) This well shall be used in such a way as to cause no material injury to existing water rights. The issuance of this permit does not ensure that no injury will occur to another vested water right or preclude another owner of a vested water right from seeking relief in a civil court action.
- 2) The construction of this well shall be in compliance with the Water Well Construction Rules 2 CCR 402-2, unless approval of a variance has been granted by the State Board of Examiners of Water Well Construction and Pump Installation Contractors in accordance with Rule 18.
- 3) Approved pursuant to CRS 37-90-107(7) and the Findings and Order of the Colorado Ground Water Commission dated June 26, 2019 for Determination of Water Right No. 3714-BD.
- 4) Approved for the replacement of an existing well, permit no. 53485-A. The old well must be plugged and abandoned in accordance with Rule 16 of the Water Well Construction Rules. A Well Abandonment Report form must be completed within ninety (90) days of construction of the new well affirming that the old well was plugged and abandoned.
- 5) The use of groundwater from this well is limited to domestic use inside 1 single-family dwelling, including the watering of domestic animals and the irrigation of 5,000 square feet of lawns and gardens. The place of use shall be limited to Lot 1 of the VIL Subdivision.
- 6) The pumping rate of this well shall not exceed 15 GPM.
- 7) The allowed average annual amount of groundwater that may be withdrawn by this well under this permit may not exceed 0.63 acre-feet, subject to the conditions of Determination of Water Right no. 3714-BD including but not limited to the allowed maximum annual amount of withdrawal.
- 8) The total amount of groundwater that may be withdrawn from the Aquifer by all wells operating under this plan may not exceed an annual volume of 7.55 acre-feet, subject to the conditions of Determination of Water Right No. 3714-BD.
- 9) Production from this well is restricted to the Arapahoe aquifer, which corresponds to the interval between 465 feet and 930 feet below the ground surface.
- 10) A totalizing flow meter or Commission approved measuring device must be installed on this well and maintained in good working order. Permanent records of all diversions must be maintained by the well owner (collected at least annually) and submitted to the Upper Black Squirrel Creek Ground Water Management District and the Ground Water Commission upon request.
- 11) The owner shall mark the well in a conspicuous location with the well permit number and name of aquifer as appropriate, and shall take necessary means and precautions to preserve these markings.
- 12) This well shall be constructed within 200 feet of the location specified on this permit.
- 13) The entire length of the hole shall be geophysically logged as required by Rule 9 of the Statewide Nontributary Ground Water Rules prior to installing casing.

NOTE: This well will be completed in a Type 1 aquifer penetrating only one confining layer and must be constructed in accordance with Well Construction Rule 10.4.5.1 (2 CCR 402-2).

Form No. GWS-31 02/2017	WELL CONSTRUCTION AND YIELD ESTIMATE REPORT State of Colorado, Office of the State Engineer 1313 Sherman St., Room 821, Denver, CO 80203 303.866.3581 dwr.colorado.gov and dwrpermitsonline@state.co.us	For Office Use Only							
1. Well Permit Number: 88480-F Receipt Number: 10029868									
2. Owner's Well Designation:									
3. Well Owner Name: G & D Hammann Ohana Trust (Gary Hammann)									
4. Well Location Street Address: 17825 Jones Road									
5. As Built GPS Well Location (required): <input type="checkbox"/> Zone 12 <input checked="" type="checkbox"/> Zone 13 Easting: 543655.0 Northing: 4305355									
6. Legal Well Location: NW 1/4, NW 1/4, Sec., 30 Twp. 13 <input type="checkbox"/> N or S <input checked="" type="checkbox"/> Range 63 <input type="checkbox"/> E or W <input checked="" type="checkbox"/> 6th P.M. County: <u>El Paso</u> Subdivision: <u>Vil</u> , Lot <u>1</u> , Block _____, Filing (Unit) <u>1A</u>									
7. Ground Surface Elevation: _____ feet Date Completed: <u>12/21/2023</u> Drilling Method: <u>Mud Rotary</u>									
8. Completed Aquifer Name : <u>Arapahoe</u> Total Depth: <u>759</u> feet Depth Completed: <u>759</u> feet									
9. Advance Notification: Was Notification Required Prior to Construction? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Date Notification Given: _____									
10. Aquifer Type: <input checked="" type="checkbox"/> Type I (One Confining Layer) <input type="checkbox"/> Type I (Multiple Confining Layers) <input type="checkbox"/> Laramie-Fox Hills (Check one) <input type="checkbox"/> Type II (Not overlain by Type III) <input type="checkbox"/> Type II (Overlain by Type III) <input type="checkbox"/> Type III (alluvial/colluvial)									
11. Geologic Log:		12. Hole Diameter (in.) From (ft) To (ft)							
Depth	Type	Grain Size	Color	Water Loc.	7 7/8"	0	759		
0-1	Top Soil								
20	Sandrock								
28	Sandrock								
50	Clay, sandrock	Shale							
58	Sandrock								
80	Sand, Sandrock	Shale							
220	Clay, Shale								
235	Sandrock								
290	Clay, Sandrock	Shale							
305	Sandrock								
380	Clay, Shale								
390	Clay, Sandrock								
478	Clay, Shale								
490	Clay, Sandrock								
620	Clay, Shale								
675	Clay, Sandrock								
700	Clay, Shale								
715	Clay, Sandrock								
755	Clay, sandrock	Shale							
759	Clay, Shale								
Remarks:					13. Plain Casing				
					OD (in)	Kind	Wall Size (in)	From (ft)	To (ft)
					5 9/16"	Steel	.188	+2	450
					Perforated Casing Screen Slot Size (in): <u>Torche</u>				
					OD (in)	Kind	Wall Size (in)	From (ft)	To (ft)
					5 9/16"	Steel	.188	450	759
					14. Filter Pack:		15. Packer Placement:		
					Material _____	Type <u>Rubber</u>			
					Size _____	Depth <u>450</u>			
					Interval _____				
					16. Grouting Record				
					Material	Amount	Density	Interval	Method
					Cement	76 Sacks	456 Gal	0-450	Pumped
17. Disinfection: Type HTH Amt. Used 6 Oz									
18. Well Yield Estimate Data: <input type="checkbox"/> Check box if Test Data is submitted on Form Number GWS-39, Well Yield Test Report									
Well Yield Estimate Method: <u>Airlifted</u>									
Static Level: <u>475</u>					Estimated Yield (gpm) <u>15</u>				
Date/Time measured: <u>12/21/2023</u>					Estimate Length (hrs) <u>4</u>				
Remarks:									
19. I have read the statements made herein and know the contents thereof, and they are true to my knowledge. This document is signed (or name entered if filing online) and certified in accordance with Rule 17.4 of the Water Well Construction Rules, 2 CCR 402.2. The filing of a document that contains false statements is a violation of section 37 91 108(1)(e), C.R.S., and is punishable by fines up to \$1,000 and/or revocation of the contracting license. If filing online the State Engineer considers the entry of the licensed contractor's name to be compliance with Rule 17.4.									
Company Name: Kunau Drilling LLC			Email: kunaudrilling@aol.com			Phone w/area code: (719) 683-3720		License Number: 1148	
Mailing Address: 23945 Lucky Lane Calhan, CO 80808									
Sign (or enter name if filing online) Tim Kunau				Print Name and Title Tim Kunau/Manager				Date: 01/02/2024	

Form No. GWS-32 10/2016	PUMP INSTALLATION AND PRODUCTION EQUIPMENT TEST REPORT State of Colorado, Office of the State Engineer 1313 Sherman St., Room 821, Denver, CO 80203 303.866.3581 dwr.colorado.gov and dwrpermitsonline@state.co.us	For Office Use Only
1. Well Permit Number: 88480-F Receipt Number: 10029868		
2. Owner's Well Designation:		
3. Well Owner Name: G & D Hammann Ohana Trust (Gary Hammann)		
4. Well Location Street Address: 17825 Jones Road		
5. GPS Well Location: <input type="checkbox"/> Zone 12 <input checked="" type="checkbox"/> Zone 13 Easting: 543655 Northing: 4305355 County: El Paso		
6. Legal Well Location: Nw 1/4, NW 1/4, Sec. 30 Twp. 13 <input type="checkbox"/> N or S <input checked="" type="checkbox"/> , Range 63 <input type="checkbox"/> E or W <input checked="" type="checkbox"/> Distances from Section Lines: _____ ft. from <input type="checkbox"/> N or S <input type="checkbox"/> sec. line, and _____ ft. from <input type="checkbox"/> E or W <input type="checkbox"/> sec. line Subdivision: Vil _____ , Lot 1 _____ , Block _____ , Filing (Unit) 1A _____		
7. Check Installation Type: <input checked="" type="checkbox"/> Initial Pump Installation <input type="checkbox"/> Replacement Pump <input type="checkbox"/> Change in Depth Only <input type="checkbox"/> Repair		
8. Pump Data: Type: <u>Submersible</u> Date Installed(mm/dd/yyyy): <u>02/12/2024</u> Pump Manufacturer: <u>Franklin</u> Pump Model No. <u>3HP7GPM</u> Design GPM: <u>7</u> at RPM <u>3450</u> HP <u>3</u> Volts <u>230</u> 3 Phase Full Load Amps <u>10.9</u> Pump Intake Depth: <u>735</u> Feet, Drop/Column Pipe Size Inches, <u>1</u> Kind of Drop Pipe <u>Steel</u> Additional Information for Pumps Greater Than 50 GPM: Turbine Driver Type: <input type="checkbox"/> Electric <input type="checkbox"/> Engine <input type="checkbox"/> Other _____ Design Head: _____ feet Number of Stages: _____ Shaft size: _____ inches		
9. Other Equipment: Airline Installed: <input type="checkbox"/> Yes <input type="checkbox"/> No, Orifice Depth ft. _____ Monitor Tube Installed: <input type="checkbox"/> Yes <input type="checkbox"/> No, Depth ft. _____ Flow Meter Mfg. <u>Master</u> Meter Serial No. <u>232115509</u> Meter Readout: <input checked="" type="checkbox"/> Gallons, <input type="checkbox"/> Thousand Gallons, <input type="checkbox"/> Acre feet Beginning Reading: <u>10</u>		
10. Cistern Information: Material: _____ Capacity: _____ gallons Date Installed: _____		
11. Production Equipment Test Data: <input type="checkbox"/> check box if data is submitted on Form Number GWS-39 Well Yield Test Report. Date: _____ Total Well Depth: <u>759</u> ft. Time: _____ Static Level: <u>475</u> ft. Rate (gpm): <u>13</u> Date Measured: <u>12/21/2023</u> Pumping Level (ft): <u>735</u>		
12. Disinfection: Type: <u>HTH</u> Amt. Used: <u>6 Oz</u>		
13. Notification: Was Advanced Notification Required Prior to Installation? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Date Notification Given: _____		
14. Water Quality analysis available: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, please submit with this report.		
15. Remarks: 		
16. I have read the statements made herein and know the contents thereof, and they are true to my knowledge. This document is signed (or name entered if filing online) and certified in accordance with Rule 17.4 of the Water Well Construction Rules, 2 CCR 402-2. The filing of a document that contains false statements is a violation of section 37-91-108(1)(e), C.R.S., and is punishable by fines up to \$1,000 and/or revocation of the contracting license. If filing online, the State Engineer considers the entry of the licensed contractor's name to be compliance with Rule 17.4.		
Company Name: <u>Kunau Drilling LLC</u>	Email: <u>kunaudrilling@aol.com</u>	Phone w/area code: <u>(719) 683-3720</u>
Mailing Address: <u>23945 Lucky Lane Calhan, CO 80808</u>		License Number: <u>1148</u>
Sign (or enter name if filing online) <u>Tim Kunau</u>	Print Name and Title <u>Tim Kunau/Manager</u>	Date: <u>02/13/2024</u>