



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.)		WELL TAG ID NO. 618C5		OSE FILE NO(S). RG A0072			
	WELL OWNER NAME(S) Ruthe Schoder-Ehri				PHONE (OPTIONAL) 520-732-6657			
	WELL OWNER MAILING ADDRESS PO Box 72				CITY STATE ZIP Chama NM 87520			
	WELL LOCATION (FROM GPS)	DEGREES MINUTES SECONDS LATITUDE 36.8466177 N		* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84				
		LONGITUDE 106.5752507 W						
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE Lot No: 9 Block No: 14 Subdivision: Rio Chama Estates - #9 Private Road 1791								
2. DRILLING & CASING INFORMATION	LICENSE NO. WD 1357		NAME OF LICENSED DRILLER Mark Bailey			NAME OF WELL DRILLING COMPANY Bailey Drilling Company		
	DRILLING STARTED 7-9-22		DRILLING ENDED 7-11-22		DEPTH OF COMPLETED WELL (FT) 21		BORE HOLE DEPTH (FT) 21	
	DEPTH WATER FIRST ENCOUNTERED (FT) 10							
	COMPLETED WELL IS: ☐ ARTESIAN ☐ DRY HOLE ☒ SHALLOW (UNCONFINED)					STATIC WATER LEVEL IN COMPLETED WELL (FT) 10		
						DATE STATIC MEASURED 7-11-22		
	DRILLING FLUID: ☐ AIR ☒ MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: ☒ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER - SPECIFY:						CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☒	
	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	5	9 7/8	PVC - sch. 40	glue	5	0.25	
5	21	9 7/8	PVC - sch. 40	glue	5	0.25	3X1/32	
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						
	0	7	9 7/8	bentonite pellets	1	manual		
	7	21	9 7/8	3/8" gravel	2	manual		

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 01/28/2022)

FILE NO.	POD NO.	TRN NO.
LOCATION	WELL TAG ID NO.	PAGE 1 OF 2

**NEW MEXICO STATE ENGINEER OFFICE
APPLICATION FOR PERMIT TO USE UNDERGROUND WATERS
IN ACCORDANCE WITH SECTION 72-12-1 NEW MEXICO STATUTES**

GENERAL CONDITIONS OF APPROVAL (A thru S)

- 17-A The maximum combined diversion of all wells that may be appropriated under this permit is 1.000 acre-feet in any year (One acre-foot equals 325,851 gallons).
- 17-B The well shall be drilled by a driller licensed in the State of New Mexico in accordance with 72-12-12 NMSA 1978. A licensed driller shall not be required for the construction of a well driven without the use of a drill rig; provided that the casing shall not exceed two and three-eighths (2 3/8) inches outside diameter.
- 17-C The well driller must file the well record with the State Engineer and the applicant within 30 days after the well is drilled or driven. It is the well owner's responsibility to ensure that the well driller files the well record. The well driller may obtain the well record form from any District Office or the Office of the State Engineer website.
- 17-D The production casing shall not exceed 7 inches outside diameter except under specific conditions in which reasons satisfactory to the State Engineer are shown.
- 17-E To request a change to the purpose of use of water authorized under this permit, the permittee shall file an application with the State Engineer.
- 17-F An application for a new 72-12-1.1 NMSA 2003 domestic well permit where the proposed point of diversion is to be located on the same legal lot of record as an operational 72-12-1.1 NMSA domestic well shall be treated as an application for a supplemental well and the combined diversion may not exceed the maximum annual diversion permitted.
- 17-G If artesian water is encountered, the well driller shall comply with all rules and regulations pertaining to the drilling and casing of artesian wells.
- 17-H The drilling of the well and amount and uses of water permitted are subject to such limitations as may be imposed by a court or by lawful municipal or county ordinance which are more restrictive than the conditions of this permit and applicable State Engineer regulations.

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Log Due Date: 10/13/2022
Form: wr-01

File Number: RG A0072
Trn Number: 709840

**NEW MEXICO STATE ENGINEER OFFICE
APPLICATION FOR PERMIT TO USE UNDERGROUND WATERS
IN ACCORDANCE WITH SECTION 72-12-1 NEW MEXICO STATUTES**

GENERAL CONDITIONS OF APPROVAL (Continued)

- 17-I The permittee shall utilize the highest and best technology available to ensure conservation of water to the maximum extent practical.
- 17-J The well shall be set back a minimum of 50 ft. from an existing well of other ownership unless a variance has been granted by the State Engineer. The State Engineer may grant a variance for a replacement well or to allow for maximum spacing of the well from a source of groundwater contamination. The well shall be set back from potential sources of contamination in accordance with federal, state, and local requirements.
- 17-K Pursuant to section 72-8-1 NMSA 1978, the permittee shall allow the State Engineer and OSE representatives entry upon private property for the performance of their respective duties, including access to the ditch or acequia to measure flow and also to the well for meter reading and water level measurement.
- 17-L The permit is subject to cancellation for non-compliance with the conditions of approval or if otherwise not exercised in accordance with the terms of the permit.
- 17-M The right to divert water under this permit is subject to curtailment by priority administration as implemented by the State Engineer or a court.
- 17-N In the event of any change of ownership to this permit the new owner shall file a change of ownership form with the State Engineer in accordance with Section 72-1-2.1 NMSA 1978.
- 17-O This well permit shall automatically expire unless the well is completed and the well record is filed with the State Engineer within one year of the date of issuance of the permit.
- 17-P The well shall be constructed, maintained, and operated to prevent inter-aquifer exchange of water and to prevent loss of hydraulic head between hydrogeologic zones.
- 17-Q The State Engineer retains jurisdiction over this permit.

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**NEW MEXICO STATE ENGINEER OFFICE
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GENERAL CONDITIONS OF APPROVAL (Continued)

- 17-R The State Engineer shall supply a well identification tag for the well driller to firmly affix to the well casing or cap with a steel band upon completion in accordance with Subsection M of 19.27.4.29 NMAC.

The permit holder is responsible for maintaining the well identification tag.

Well Tag(s) associated with this permit:
618C5

GENERAL CONDITIONS OF APPROVAL (A thru S)

- 17-S Construction of a water well by anyone without a valid New Mexico Well Driller License is illegal, and the landowner shall bear the cost of plugging the well by a licensed New Mexico well driller. This does not apply to driven wells, the casing of which does not exceed two and three-eighths inches outside diameter.

SPECIFIC CONDITIONS OF APPROVAL

- 17-11 This permit authorizes the diversion of water for domestic use to serve a single household. The total diversion of water under this permit shall not exceed 1.000 acre-feet per year. The diversion of water for domestic use may include the watering of non-commercial trees, lawn and garden not to exceed one acre.
- 17-10 Total diversion from all wells under this permit number shall not exceed 1.000 acre-feet per annum.
- 17-18 Any diversion of water made in excess of the authorized maximum diversion amount shall be repaid with twice the amount of the over-diversion during the following calendar year. Repayment shall be made by either:
(a) reducing the diversion from the well that is the source of the over-diversion; or (b) acquiring or leasing a valid, existing consumptive use water right in an amount equal to the repayment amount and
submitting a plan for the proposed repayment during the following year to the State Engineer for approval.

**NEW MEXICO STATE ENGINEER OFFICE
APPLICATION FOR PERMIT TO USE UNDERGROUND WATERS
IN ACCORDANCE WITH SECTION 72-12-1 NEW MEXICO STATUTES**

SPECIFIC CONDITIONS OF APPROVAL (Continued)

LOG This permit will automatically expire unless the well RG A0072
 POD1 is completed and the well record filed on or before
 10/13/2022.

ACTION OF STATE ENGINEER

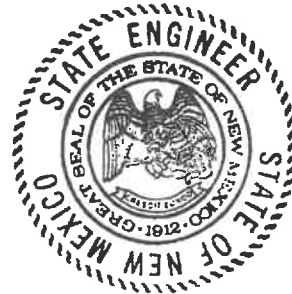
This application is approved for the use indicated, subject to all general conditions and to specific conditions listed above.

Witness my hand and seal this 13 day of Oct A.D., 2021

John R. D Antonio, Jr., P.E., State Engineer

By: J. Romero

Jacob Romero



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NEW MEXICO OFFICE OF THE STATE ENGINEER

Coordinates

UTM - NAD 83 (m) - Zone 13

Easting 359555.240

Northing 4079014.658

State Plane - NAD 83 (ft) - Zone C

Easting 1545254.796

Northing 2127616.240

Degrees Minutes Seconds

Latitude 36 : 50 : 47.823720

Longitude -106 : 34 : 30.902520

Location pulled from Coordinate Search

Image Information

Source: Maxar

Date: 10/5/2020

Resolution (m): 0.31

Accuracy (m): 5

POD Information

File Number: RG-A0072

Owner: Ruthe Schoder-Ehri

Permit Use: NoData

POD Status: NoData

Permit Status: NoData

Coord Search

Location

OSE District

Boundary

New Mexico State

Trust Lands

Subsurface

Estate

Surface Estate

Both Estates

Bernalillo

County Parcels

2020

Catron County

Parcels 2020

PLSS Description

SW SE NE NW Qtr of Sec 1 of 30N 3E

Derived from Projected PLSS - Qtr Sec. locations are calculated and are only approximations

Spatial Information

OSE Administrative Area: District 6

County: Rio Arriba

Groundwater Basin: Rio Grande

Abstract Area: Rio Chama 72-12-1

Section 7 - GW

Sub-Basin: Rio Chama

Land Grant: Tierra Amarilla

Restrictions:

NA



N

Author: Jacob S. Romero

Purpose: DOM

10/13/2021

1:2,257

ft

0 45 90 180