



**CUSTER COUNTY PERMIT FOR
INSTALLATION OF ON-SITE
WASTEWATER TREATMENT SYSTEM**

100-33-291

S19042501

Issue Date: 4/25/2019

William and Rosa Shelter
575 Elkhorn Road
Cotopaxi, CO 81223
(719) 429-6603

Septic Contractor: **Bennie Koch** Soil done by: **Kit Shy** Soil Date: **4/19/2019** Applicant: **Owner**
Permit Type: **Installation** System Type: **Standard**
Property Address: **1700 Mitchell Mountain Road**
Legal: **Bull Domingo Ranch, Map 4, Lot 41**

Lot size: **35.12 acres** Number of people: **6** Number of bedrooms: **3** Tank Size: **1000**

This septic will serve a **Dwelling Water: Private Well**

Conditions: Depth to bedrock: **>96"** Depth to water: **>96"** Slope: **5-15%**

Soil Type: **2** Treatment Level: **1** Effluent Application Method: **Gravity**

	Rock or Tire Chips Sq. Ft.	Mfd Media other than Chambers Sq. Ft.	Chambers Sq. Ft.	Number of Chambers
Trench	750	675	525	44
Bed	900	810	630	53

Comments:

I hereby certify that I have installed this system as designed:

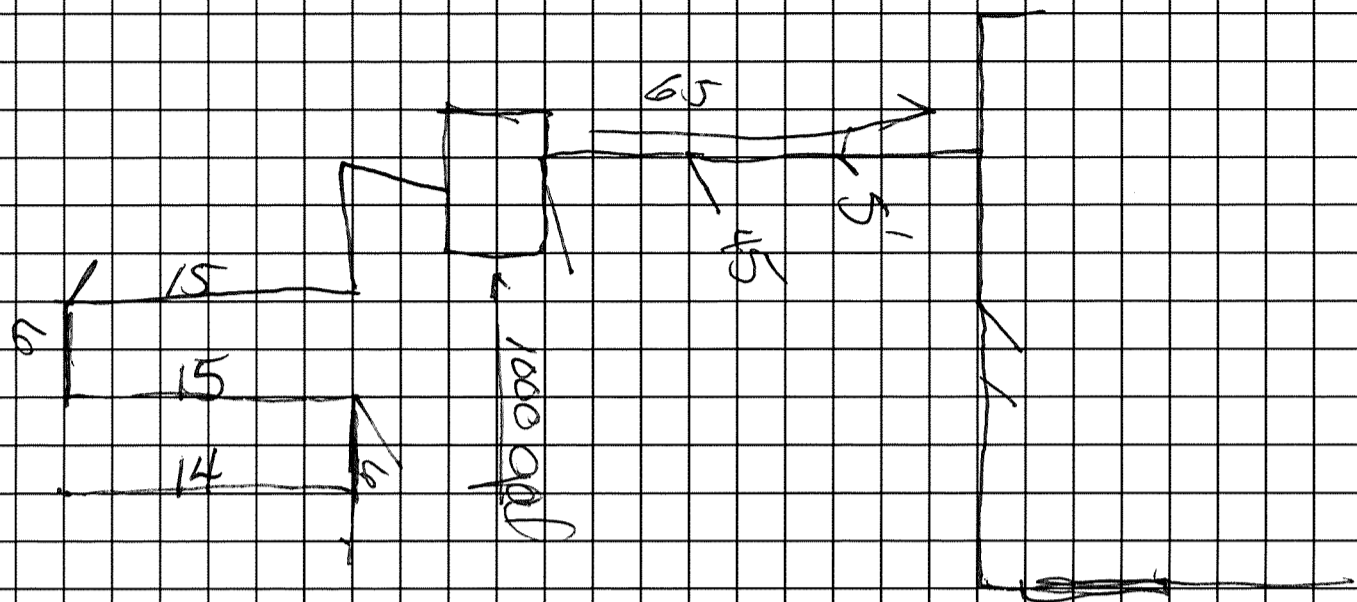
Licensed Contractor / Homeowner _____
Date

Inspected on: 8-7-19 By: TS/H

Amount use tax paid: None Date: _____

Final approval date: 8-7-19

Zoning Office/Inspector



3

SOIL ANALYSIS AND SITE INFO SHEET

OWNER : WILLIAM SHELTER CONTRACTOR : BENNIE KOCH
SOIL EVALUATOR : KIT SHY ENG. : NA

PARCEL AND PROPOSED IMPROVEMENTS INFORMATION

LEGAL DESCRIPTION : SITE ADDRESS :
LOT 41, BULL DOMINGO RANCH NO.4 1700 MITCHELL MTN. ROAD
CUSTER COUNTY, COLORADO WESTCLIFFE, CO. 81252

ACREAGE: 36.57 #BEDROOMS: 3 #PERSONS: 6 WATER SUPPLY: PROPOSED WELL
(X) NEW INSTALLATION () OTHER

NONE LAUNDRY DISHWASHER DISPOSAL ALL

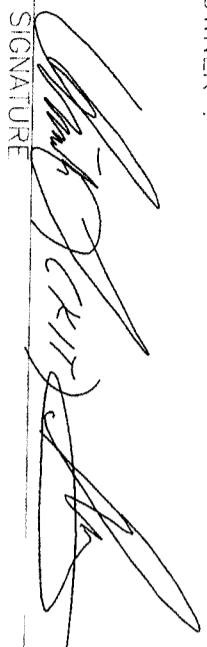
DEPTH TO BEDROCK: +96" DEPTH TO WATER TABLE: +96" SLOPE HOMEITE TO LEACHFIELD: 5-15%
SOIL ANALYSIS

Long-term Acceptance Rate (LTAR): 0.60 TREATMENT LEVEL: 1
SOIL CLASSIFICATION DESIGNATION: 2 PERC RATE (if applicable): NA min/in

COMMENTS :

THE INFORMATION HEREIN IS FOR THE USE OF A REGISTERED COLORADO PROFESSIONAL ENGINEER OR DESIGNATED LOCAL AGENCY EMPLOYEE FOR THE CALCULATION OF THE TYPE, CONFIGURATION, CAPACITY, LOCATION AND SIZE OF AN APPROVED O.W.T.S.

THE UNDERSIGNED HEREBY STATES THAT THE INFORMATION PRESENTED ON THIS FORM IS ACCURATE BASED ON A SOIL EVALUATION PERFORMED BY HIM, AND SITE INFORMATION OBTAINED FROM THE CONTRACTOR AND/OR LAND OWNER.

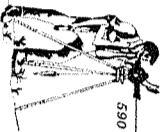

SIGNATURE

04/19/2019
DATE

PLEASE NOTE : THIS FORM IS NOT A PERMIT FOR THE INSTALLATION OF AN O.W.T.S. ON YOUR PROPERTY. A PERMIT MUST BE APPLIED FOR AT THE APPROPRIATE LOCAL AGENCY. IT IS THE RESPONSIBILITY OF THE O.W.T.S. INSTALLER AND/OR WELL DRILLER TO MAINTAIN MINIMUM DISTANCES BETWEEN O.W.T.S. AND WELLS, CREEKS, PONDS, ETC. AS DEFINED IN THE STATE REGULATIONS/GUIDELINES AND/OR LOCAL REGULATIONS.

Kit Shy Surveying

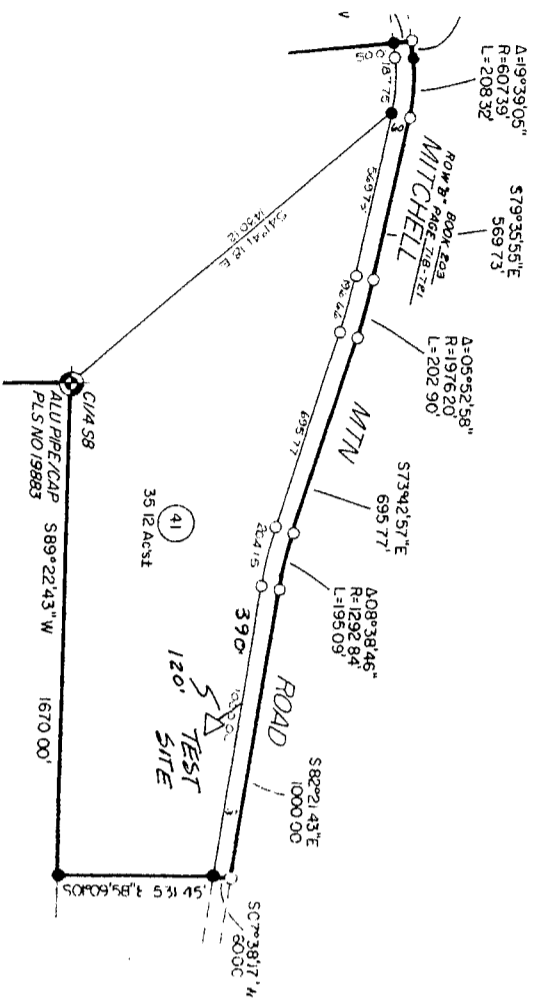
590 HERMIT ROAD, P.O. BOX 1280, WESTCLIFFE, COLORADO, 81252
Phone (719) 783-2347
E-MAIL kitsurvey@gmail.com



CHECKED / DATE 04/19/2019

SOIL ANALYSIS SITE PLAN

LOT-41, BULL DOMINGO RANCH NO.4 CUSTER COUNTY, COLORADO



SOIL PROFILE DATA
 measured in inches from surface downward
 vertically on a newly exposed native surface

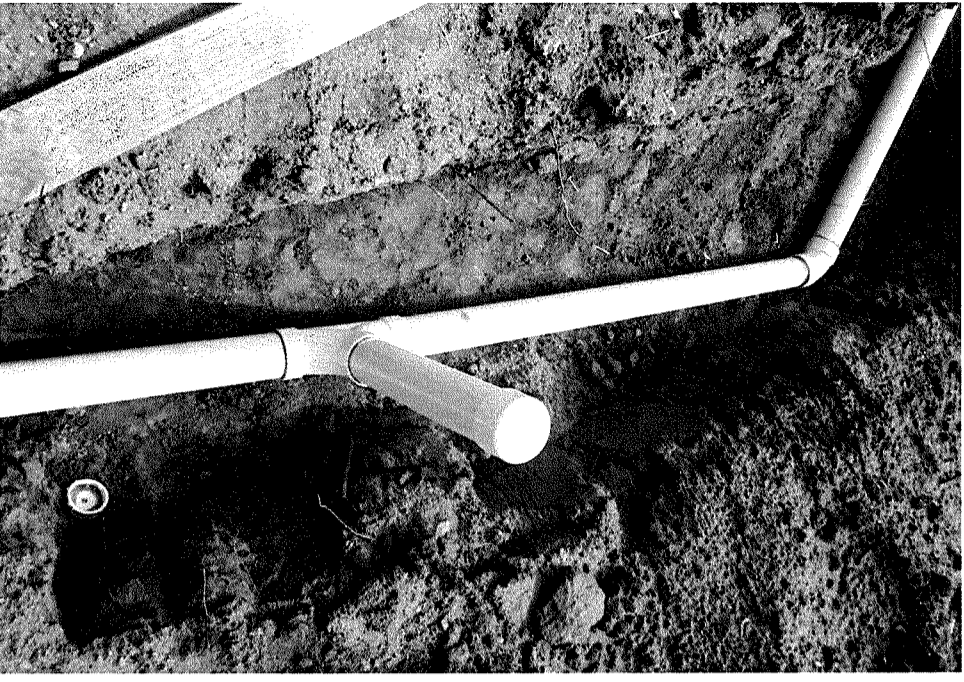
- 0-24 inches
DARK BROWN SANDY LOAM WITH ORGANICS
- 24-96 inches
LIGHT BROWN SANDY LOAM
- 96-108 inches
DECOMPOSED ROCK GRANULAR WITH FINES

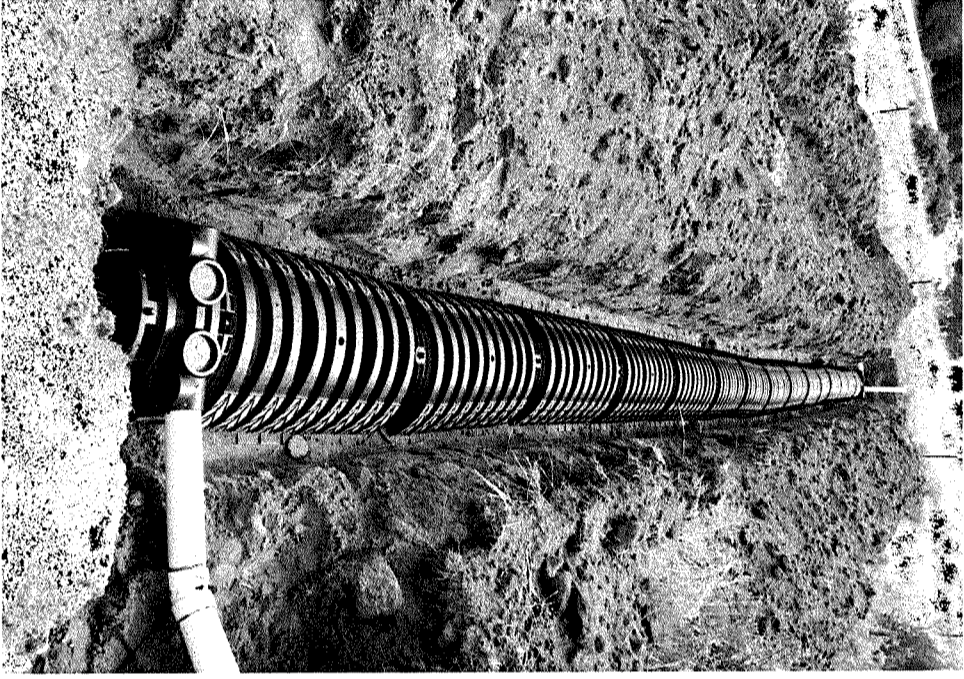
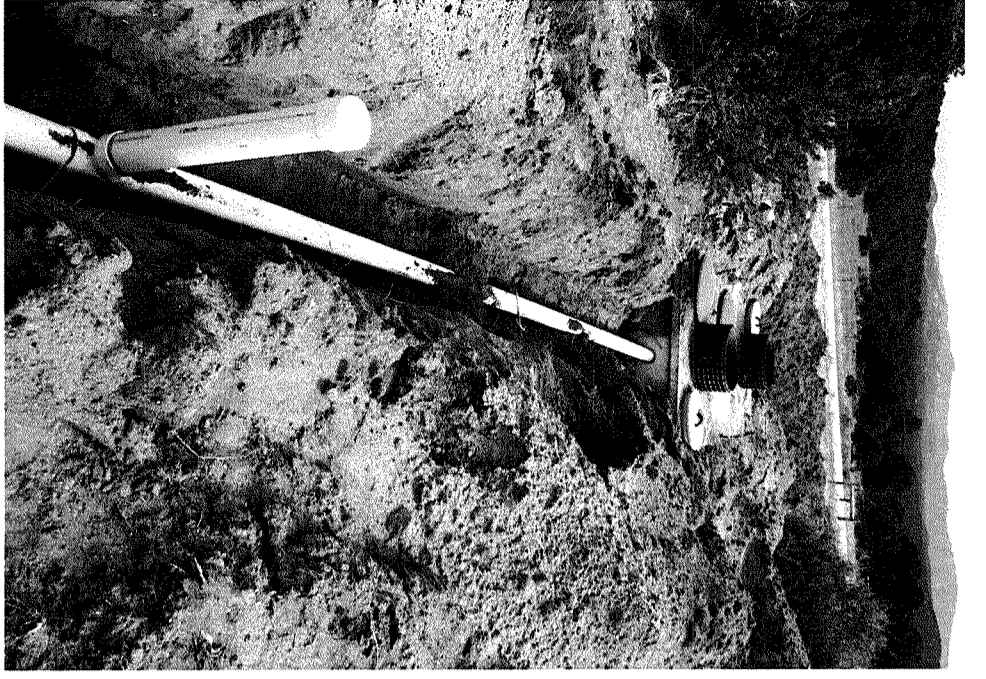
SMOOTH TEXTURE WILL CLUMP AND RIBBON up to 1"
 SITE ELEVATION 8000+--

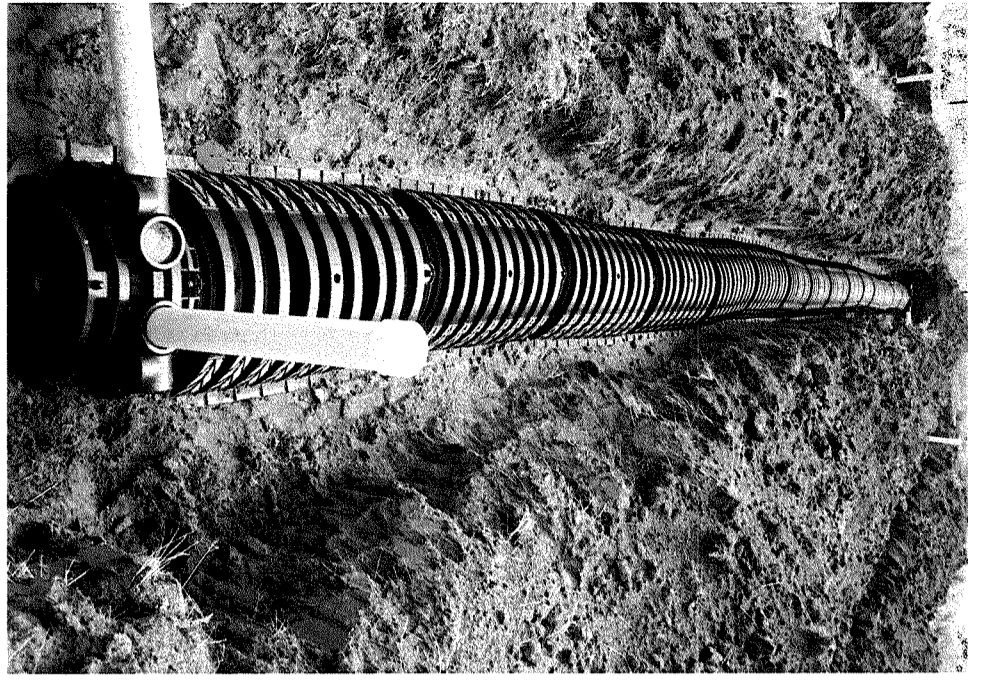
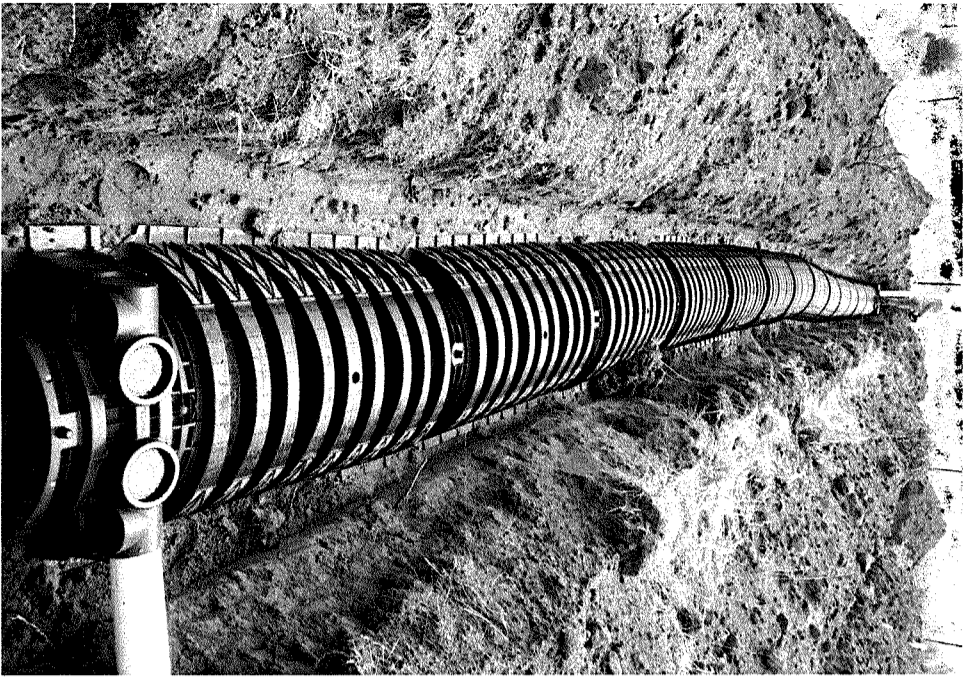
NOTE:
 - TIES BETWEEN
 FEATURES ARE APPROXIMATIONS
 AND NOT BASED ON SURVEY
 QUALITY MEASUREMENTS .



CHECKED / DATE 04/19/2019







Number of Bedrooms 3 Number of People 6

Waste Type Dwelling Commercial / Institutional Non-Domestic Other _____

System Type Standard Septic System Engineer-designed System Engineered Vault

Water Source Private Well Community Well Stream or Creek Spring Other (describe) _____

All systems must be installed by a licensed Custer County septic contractor.

The following circumstances require an engineer-designed septic system. (Other circumstances also require an engineer-designed septic system, but these are the most common):

1. Bedrock or ground water is within eight feet of the ground surface.
2. The parcel is less than one acre in size.
3. Ground slope exceeds 30% through any portion of the proposed system.
4. System will service a commercial building or use.
5. The system to be installed is not standard.

Directions to site. (If the inspector cannot find the site, there will be an additional \$100.00 trip charge.)


I acknowledge that I am responsible for complying with the Custer County Regulations, and it is the responsibility of the land owner to apply for and obtain all necessary permits.

This information is complete and accurate to the best of my knowledge to size my septic system. I understand additional tests and reports may be required for purposes of evaluating this application. I agree to maintain detailed purchase and receipt records for this project, and will make them available for audit and photocopying by the Planning and Zoning Office. I further agree to pay Custer County up to two percent (2%) Use Tax for any items purchased outside of Custer County, that less than 4.9% sales tax was paid. I understand all Use Tax must be paid before final approval will be granted on this permit.

I acknowledge that electrical and plumbing work require State permits and inspections.

I also acknowledge that the system must be inspected by the County Health Officer or representative, before it is backfilled or covered. The system includes the building sewer (line from house to tank), septic tank, effluent line (line from tank to field), and leach field. All of these components must be installed and none of them covered at the time of inspection. A \$75.00 additional trip fee will be charged if the inspector has to return for re-inspection.

If this permit is granted, I understand that I will be responsible for the operation, maintenance and performance of this system.

Signature of Landowner  Date 4/18/19

Make check payable to Custer County and return check and permit form to:
Custer County Planning and Zoning
P. O. Box 203
Westcliffe, CO 81252
(719) 783-2669
Elizabeth@CusterCountyGov.com
CusterCountyGov.com