



CUSTER COUNTY PERMIT FOR INSTALLATION OF INDIVIDUAL SEWAGE DISPOSAL SYSTEM

102-36-735

S11092102

Issue Date: 9/21/2011

Robert Klein
1148 South Drive
North Merrick, NY 11566
(634) 921-2654

Septic Contractor: **Enos Mullett** Perc done by: **Kit Shy** Perc Date: **7/29/2011** Applicant: **Owner**

Permit Type: **Installation** System Type: **Standard**

Property Address: **535 Brittany Road**

Legal: **Centennial Ranch, Lot 455**

Lot size: **36.3 acres** Number of people: **4** Number of bedrooms: **2** Tank Size: **1000**

Garbage Disposal: **No** Clothes washer and/or dishwasher: **Yes**

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

Conditions: Depth to bedrock: **>96"** Depth to water: **>96"** Slope: **1-5%**

Hole #1: **13.00** Hole #2: **12.96** Hole #3: **13.61**

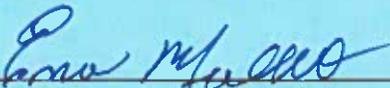
Leach field size if pipe and gravel: **457.60 sq ft**

Number of chambers required, if used (round up for .20 or more):

Infiltrators - Bed	17.71	Infiltrators - Trench	14.76
Bio 3 - Bed	25.42	Bio 3 - Trench	16.58
Quick 4 Standard - Bed	24.87	Quick 4 Standard - Trench	23.18
Quick 4 Low Profile - Bed	23.54	Quick 4 Low Profile - Trench	19.81
Quick 4 EQ36 - Bed	35.75	Quick 4 EQ36 - Trench	25.23

Comments:

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



Licensed Contractor / Homeowner

7/17/12

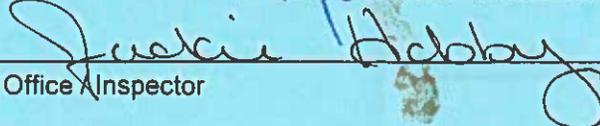
Date

Inspected on: **7-17-12**

By: **ysH**

Amount use tax paid: **None**

Date: _____



Zoning Office Inspector

Final approval date: _____



Septic Inspection

Date: 7/16/12

Property Owner(s): **Robert Klein**

Inspected By: JSH

Property Address: **535 Brittany Road**

Legal: **Centennial Ranch, Lot 455**

Septic Contractor: **Enos Mullett**

Schedule #: **102-36-735**

Permit Number: **S11092102**

Distance of Pipe from House to Tank: 20'
Number of cleanouts needed (50 feet): NA
Check slope (1/2 inch per 2 feet for last 10 feet before tank): ok
Type of pipe (schedule number): Sch 40
Building Sewer extended to foundation: no

Tank size: 1000 gpd Is tank level?: ok
Check tees or baffles on tank: Inlet ok Outlet ok
Check seals on pipes entering tank: Inlet ok Outlet ok
Check for cracks in tank: ok Date on tank: 1-9-12

Distance of pipe from tank to leach field: 38' Check for slope: ok
Check for level distribution field: ok Type of pipe (schedule number) Sch 40

Type of leach field: Quick 4 Number, if chambers: 24
Type of baffle used (per installer): plastic
Check for screws on chamber connections: ok
Configuration: Trench or Bed Check for level: ok
Depth: 2' Check distance between trenches (6 feet minimum): NA

Distance from well to tank: 100' Distance from well to leach field: 100'
Distance from leach field to any irrigation ditch or creek: _____
(Minimums: Cistern - 25'; property line - 10'; water course - 50'; dry gulch - 25')

Additional comments: _____



Form no.
GWS - 31
11/90

"WELL CONSTRUCTION AND TEST REPORT"

STATE OF COLORADO, OFFICE OF THE STATE ENGINEER

for office use only

RECEIVED

MAR 20 2013

WATER RES.
STATE ENGINEER
COLO.

1. WELL PERMIT NUMBER 281850

2. OWNER NAME(S): KLEIN ROBERT
Mailing Address: 9 N TRAINOR AVE
City, St. Zip: MANORVILLE, NY 11949
Phone :

3. WELL LOCATION AS DRILLED : 1/4 1/4, Sec.: 25 Twp.: 24S Range: 71W
DISTANCES FROM SEC. LINES ft. from Sec. line, and ft. from Sec. Line OR
(south or north) (east or west)
SUBDIVISION: CENTENNIAL RANCH LOT: 455 BLOCK: FILING (UNIT):
STREET ADDRESS AT WELL LOCATION: EASTING: 0475815 NORTHING: 4199172

4. GROUND SURFACE ELEVATION: ft. DRILLING METHOD AIR PERCUSSION
DATE COMPLETED: 5/10/2012 TOTAL DEPTH: 380 ft. DEPTH COMPLETED: 380 ft.

5. GEOLOGIC LOG :
Depth Description of Material (Type, Size, Color, Water location)
0-3 BROWN TOPSOIL
3-136 LOOSE SAND & GRAVEL
136-336 TAN CLAY
336-380 RED DECOMPOSED GRANITE

6. HOLE DIAM. (in.) From (ft) To (ft)
8 3/4 0 140
6.00 140 380

7. PLAIN CASING
OD (in) Kind Wall Size From (ft) To (ft)
6 5/8 STFEJ .188 1- 140
4.5 PVC .214 20 320
4.5 PVC .214 360 380

PERF. CASING Screen Slot Size 3/32"
4 1/2 PVC 0.214 320 360

8. FILTER PACK Material : Size: Interval :
9. PACKER PLACEMENT Type : FORMATION Depth : 39'

10. GROUTING RECORD :
Material Amount Density Interval Placement
CEMENT 6 SACKS 15.3 9'-39' Poured
Vibrated

REMARKS: WATER 360'

11. DISINFECTION, Type CHLORINE Amt. Used : 1 GALLON, WATER INJ., 18 HRS

12. WELL TEST DATA Check box if test data is submitted on supplemental form

TESTING METHOD : AIR LIFT

Static Level : 120 ft. Date/Time Measured : 5/10/2012 2 00
Pumping Level : 380 ft. Date/Time Measured : 5/10/2012 3 00
Production Rate 15+ gpm.
Test Length (hrs) 1.00

Remarks :

13. I have read the statements made herein and know the contents thereof, and that they are true to my knowledge.
(pursuant to section 24-4-104 (13)(a) C.R.S., the making of false statements herein constitutes perjury in the second degree and is punishable as a class 1 misdemeanor.

CONTRACTOR : ARKANSAS VALLEY DRILLING PHONE: 719-276-6847 Lic. No. : 1305

Mailing Address : 125 DECKERS DRIVE PENROSE, CO. 81240

Name/Title (please type or print)

Signature

Date

Todd Moore

3/16/2013



11/90

STATE OF COLORADO, OFFICE OF THE STATE ENGINEER

RECEIVED

1. WELL PERMIT NUMBER 281850

2. OWNER NAME(S): KLEIN, ROBERT
Mailing Address: 9 N TRAINOR AVE
City, St. Zip: MANORVILLE, NY 11949
Phone : 631-921-2654

NOV 02 2012
WATER RESOURCES
STATE ENGINEER
COLO

3. WELL LOCATION AS DRILLED : 1/4 1/4, Sec.: 25 Twp.: 24S Range: 71W
DISTANCES FROM SEC.LINES
ft. from (south or north) Sec. line, and ft. from (east or west) Sec. Line.

SUBDIVISION: CENTENNIAL RANCH LOT : 455 BLOCK : FILING (UNIT) :
STREET ADDRESS AT WELL LOCATION: EASTING: 475294.1 NORTHING: 4198461.5

4. PUMP DATA Type: SUBMERSIBLE Installation Completed 7/18/2012
Pump Manufacturer GRUNFOS Pump Model No.: 5SQE07-320
Design GPM 5.0 at RPM: NA, HP: 3/4, Volts: 240, Full Load Amps: NA
Pump Intake Depth 360 Feet, Drop/Column Pipe Size 1" INCHES, KIND SCH 80, PVC

ADDITIONAL INFORMATION FOR PUMPS GREATER THAN 50 GPM

TURBINE DRIVER TYPE Electric Engine Other:
Design Head feet, Number of Stages, Shaft size Inches.

5. OTHER EQUIPMENT

Airline Installed Yes No, Orifice Depth ft., Monitor Tube Installed Yes No, Depth ft.
Flow Meter Mfg. Meter Serial No.
Meter Readout Gallons, Thousand Gallons, Acre feet, Beginning Reading

6. TEST DATA

Check box if Test data is submitted on Supplemental Form.

Total Well Depth 380 Date 7/18/2012
Static Level 110 Time PM
Date Measured 7/18/2012 Rate (GPM) 12
Pumping Lvl. 360

7. DISINFECTION : Type CHLORINE BLEACH Amt. Used 3 CUP HTH

8. Water Quality analysis available. Yes No

9. Remarks

10. I have read the statements made herein and know the contents thereof, and that they are true to my knowledge, (Pursuant to Section 24-4-104 m(13)(a) C.R.S., the making of false statements herein constitutes perjury in the second degree and is punishable as a class 1 misdemeanor.)

CONTRACTOR: RICK'S PUMP SERVICE Phone: 719-275-7384 Lic. No. 1331
Mailing Address P.O. BOX 1563 CANON CITY, CO 81215

Name/Title (please type or print)
Rick Greenstreet/Owner

Signature

Date
10-29-12

