



05-067-08844  
Loc # 311885

RECEIVED  
SEP 19 03  
COGCC

IID 1102



GAL ID No.: 308-108-01

September 10, 2003

Sagle & Schwab  
PO Box 2677  
Durango, CO 81302  
Attention Bob Sagle / Marcie Stewart

Project Name: Viertel 33-8-16 #3 - 05-067-08844  
Project Number: 082503-1  
Date Received: 08/25/03

This is to transmit the attached analytical report. The analytical data and information contained therein was generated using specified or selected methods contained in references, such as Standard Methods for the Examination of Water and Wastewater, 18th & 19th editions, and Methods for Determination of Organic Compounds in Drinking Water, EPA-600/4-79-020.

Samples were received by Green Analytical Laboratories, Inc. in good condition on 08/25/03.

If you should have any questions or comments regarding this report, please do not hesitate to call.

Sincerely,

John Green  
Laboratory Director

Enclosure

*report mailed to  
The Scotts  
9/16/03  
Marcie Stewart  
Sagle & Schwab*

11D.1102  
entered

**S & G Interests**  
Domestic Water Well Test-LaPlata County,CO  
Groundwater Monitoring Program  
FCGeosciences Water Well Test Report

FCG # 082503-1

BLM NO

DATE 8/25/2003

970-563-0463  
Telephone#

Robert Neal Scott (Pretest)  
NAME

4233 CR 318 Ignacio CO 81137  
AddressWaterWell

Same  
Mailing Address

**Water Well Location and Permit Data**

75554  
WaterWellPermit#

150Owner  
WellDepth(Ft)

126Meas  
StaticWater Level(Ft)

SE  
NESE  
QTRQTR

17  
SECTION

33  
TWP(North)

8  
RGE(West)

1000S0400E  
FTG

-107.73159  
Longitude(DecDegrees)

37.09805  
Latitude(DecDegrees)

Garmin GPS NADS CONUS 27

**Field Chemistries**

8.19  
PH\_FIELD

1657  
COND\_FIELD

1036  
TDS\_CALC

20.8  
WATERTEMP\_

Methane Result in mg/L

0.02 mg/L

DetectionLimit 0.0005 mg/L  
USGS/BLM METHOD

HydrogenSulfide(HACH Test Kit Field)

<0.1 mg/L

Detection Limit 0.1 mg/L

San Juan Basin Health-State of Colorado Health Dept  
Coliform Test Only

Absent  
ColiformBacteria

Recon located well site. Cistern on well. Owner requests tests, regardless. AAA Well service lift pitless to pump water from well for sampling. Low Producer, Water clear, no odor, no tint, no bubbles, no sand or sed. SW Level at top pump. Pump may increase water temp

**COMMENTS**

Viertel 33-8-16#3  
GasWellName

NWSW Sec 16 T33N R8W  
LocationGasWell

05-067-08844

Four Corners Geoscience conducted onsite field chemistries, observations of physical characteristics of well water while pumping well to receive a fresh aquifer sample. Water samples were collected and delivered to Green Analytical Lab located in Durango, Colorado. Methane samples were delivered to Four Corners Geoscience for analysis for methane in accordance with BLM/USGS Method established in 1993 for LaPlata County Colorado. Onsite water well evaluation and sample collection and analysis are conducted in compliance with La Plata County Government and the Colorado Oil and Gas Conservation Commission Order Number 112-156 and 112-157 established in July 2000. Four Corners Geoscience is not liable for the results or interpretation of these analyses. Qualified specialists should be consulted for interpretation or treatment of water.

1102

San Juan Basin Health Department

See copy of form from Water bacteriology report for Coliform, below.

Colilert test for presence or absence of coliform bacteria.



LABORATORY & RADIATION SERVICE  
8100 LOWRY BOULEVARD  
DENVER, CO 80230-6928

*Paid by Lynn FC 600*  
**TO BE BILLED**  
DENVER, CO 80217

**BACTERIOLOGY**

*Vientel SG 1*

**SAMPLE INFORMATION:**  COMMUNITY  NON-COMMUNITY  PRIVATE

PWS ID:  ROUTINE  RAW  REPEAT FOR THE MONTH OF  
 SPECIAL PURPOSE  FINISHED

NAME OF SYSTEM: *Nealy Kathy Scott* MG/L

ADDRESS: *4233 W 318 Ignacio Ct* CITY: *Ignacio* COUNTY: *La Plata*

ORDERED BY: (SAMPLE MAY NOT BE TESTED IF ALL INFORMATION IS NOT PROVIDED)

DATE TIME BY: *8/25/03*  AM *g*  
 PM  
RECEIVED: *11*  AM  
 PM

RESULTS: SEE REVERSE FOR EXPLANATION

TOTAL COLIFORM  PRESENT  ABSENT

MOST PROBABLE NO. \_\_\_\_\_ COLIFORM/100ML

FEE STAMP

PHONE: \_\_\_\_\_

NAME: *4CG# 1686*

ADDRESS: *P.O. Box 4224*

CITY/STATE/ZIP: *Durango, CO 81302*

TEST ORDERED  STD BACT.  OTHER \_\_\_\_\_

AUG 25 '03 13:23 0729

DENVER  DURANGO  GRD. JCT.

ANALYST: \_\_\_\_\_

LAB 106 (07/97)

72832214-22

Green Analytical Laboratories, Inc.  
 75 Suttle Street  
 Durango, CO 81303

1102  
 entered

Sagle & Schwab  
 PO Box 2677  
 Durango, CO 81302  
 Attention: Bob Sagle / Marcie Stewart

GAL I.D.: 308-108-01  
 Date Received: 08/25/03  
 Date Reported: 09/10/03

QC Batches:

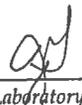
**PROJECT NAME:** Viertel 33-8-16 #3  
**PROJECT NUMBER:** 082503-1  
**SAMPLE I.D.:** Kathy & Neal Scott (Pre)

Sample Date: 08/25/03  
 Sample Matrix: Water

## Laboratory Report

### RESULTS

PARAMETER	METHOD	REPORT		DIL	UNITS	Maximum Contamination Level
		LIMIT	RESULT			
Alkalinity, Total	2320B	10	240	1	mg/L	
Alkalinity, Bicarbonate	2320B	10	240	1	mg/L	
Alkalinity, Carbonate	2320B	10	<10	1	mg/L	
Alkalinity, Hydroxide	2320B	10	<10	1	mg/L	
Calcium	200.7	0.5	13.4	1	mg/L	
Chloride	4500CL	10	268	1	mg/L	
Conductivity	2510B	1.0	1840	1	uS/cm	
Fluoride	4500F C	0.2	3.8	1	mg/L	4.0
Iron	200.7	0.05	<0.05	1	mg/L	
Magnesium	200.7	0.5	1.1	1	mg/L	
Nitrate/Nitrite as N	353.3	0.02	20.6	1	mg/L	
pH	150.1	NA	8.21	NA	SU	
Potassium	200.7	0.5	1.1	1	mg/L	
Selenium	3114B	0.09	1.47	90	mg/L	0.05
Sodium	200.7	0.5	345	1	mg/L	
Sulfate	4500SO4	10	120	1	mg/L	
TDS	2540C	10	950	1	mg/L	
Hardness	Calc	10	38	1	mg/L	
CAB	Calc		4.19		%	

  
 John Green, Laboratory Manager



# CHAIN OF CUSTODY RECORD

Client: Se G Internats

Contact: Bob Sagle

Address: P.O. Box 2677

Durango Co 81302

Phone Number: 259-2677

FAX Number:

NOTES:

- 1) Ensure proper container packaging.
- 2) Ship samples promptly following collection.
- 3) Designate Sample Reject Disposition.

Table 1. -- Matrix Type

- 1 = Surface Water, 2 = Ground Water
- 3 = Soil/Sediment, 4 = Rinsate, 5 = Oil
- 6 = Waste, 7 = Other (Specify)

FOR GAL USE ONLY  
GAL JOB #  
308-108

Project Name: Viente 1 33-8-16

#3

Samplers Signature:

Lab Name: Green Analytical Laboratories, Inc.

(970) 247-4220

FAX (970) 247-4227

Analyses Required

Address: 75 Suttle Street, Durango, CO 81303

Sample ID	Date	Time	Collected by: (Init.)	Miscellaneous			Preservative(s)				Analyzes Required	Comments			
				Matrix Type From Table 1	No. of Containers	Sample Filtered ? Y/N	Unpreserved (Ice Only)	HNO3	HCL	H2SO4			NAOH	Other (Specify)	
1. <u>Kathryn Neal</u>	<u>8-25-03</u>	<u>9:57</u>	<u>BN</u>	<u>2</u>	<u>3</u>	<u>N</u>	<u>✓</u>								
2. <u>Scatter (8-2503-1)</u>															
3. <u>Probes</u>															
4.															
5.															
6.															
7.															
8.															
9.															
10.															
Relinquished by:	<u>[Signature]</u>		Date:	<u>8/25/03</u>	Time:	<u>1:00</u>	Received by:	<u>[Signature]</u>				Date:	<u>8/25/03</u>	Time:	<u>2:20</u>

\* Sample Reject: [ ] Return [ ] Dispose [ ] Store (30 Days)