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05-067-08876
Loc # 333A88

110 1179
entire



Michael J. Nelson
Senior Environmental Coordinator
San Juan / Rockies Business Unit
P. O. Box 2197, 3WL-6102
Houston, TX 77252-2197
Phone: 832.486.2316
Michael.J.Nelson@conocophillips.com

RECEIVED

MAR 15 04

COGCC

March 10, 2004

Mr. And Mrs. Claude Callison
2706 CR 214
Durango, CO 81303

M

RE: **Water Well Analysis**
Pre Well Completion Test - Wilson 34-9 #29-4

ASSOC

067-08876

Dear Mr. And Mrs. Callison:

Please find attached the analytical reports for water samples collected from your water well on September 21, 2003. Analytical results are provided in reports from Green Analytical Laboratories, Inc., Four Corners Geoscience, and Colorado Dept. of Public Health and Environment.

Please contact me at (832) 486-2316 if you have any questions concerning these reports.

Sincerely,

Michael J. Nelson
Senior Environmental Coordinator

Attachments

cc: Ms. Debbie Baldwin – Colorado Oil and Gas Conservation Commission

bcc: Bob Wirtanen w/o attachments
Rick Wiederstein/402.25 infill water well testing
Mike Mankin w/o attachments
Lynn Fechter - Four Corners Goescience w/o attachments
Mike Finney – Finney Land Company w/o attachments



GAL ID No.: 309-076,01-03

October 21, 2003

Conoco Phillips
PO Box 2197
Houston, TX 77252
Attention Michael Nelson

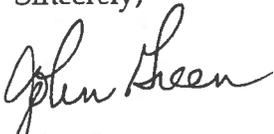
Project Name: Wilson 34-9 #29-4
Project Number: 092103-1,2,3
Date Received: 09/22/03

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 09/22/03.

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

Sincerely,


John Green
Laboratory Director

Enclosure

110 1179

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

Conoco Phillips
PO Box 2197
Houston, TX 77252
Attention: Michael Nelson

GAL I.D.: 309-076-03
Date Received: 09/22/03
Date Reported: 10/21/03

QC Batches:

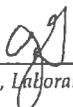
596
PROJECT NAME: Wilson 34-9 #29-4
PROJECT NUMBER: 092103-3
SAMPLE I.D.: Claude & Trudy Callison (Pre)

Sample Date: 09/21/03
Sample Matrix: Water

Laboratory Report

RESULTS

| PARAMETER | METHOD | REPORT | | DIL | UNITS | Maximum Contamination Level |
|----------------------|---------|--------|--------|-----|-------|-----------------------------|
| | | LIMIT | RESULT | | | |
| Alkalinity as CaCO3 | 2320B | 10 | 292 | 1 | mg/L | |
| Bicarbonate as CaCO3 | 2320B | 10 | 292 | 1 | mg/L | |
| Carbonate as CaCO3 | 2320B | 10 | <10 | 1 | mg/L | |
| Hydroxide as CaCO3 | 2320B | 10 | <10 | 1 | mg/L | |
| Calcium | 200.7 | 0.5 | 86.3 | 1 | mg/L | |
| Chloride | 4500CL | 10 | 10 | 1 | mg/L | |
| Conductivity | 2510B | 1.0 | 676 | 1 | uS/cm | |
| Fluoride | 4500F C | 0.2 | <0.2 | 1 | mg/L | 4.0 |
| Iron | 200.7 | 0.05 | <0.05 | 1 | mg/L | |
| Magnesium | 200.7 | 0.5 | 16.2 | 1 | mg/L | |
| Nitrate/Nitrite as N | 353.3 | 0.02 | 1.37 | 1 | mg/L | |
| pH | 150.1 | NA | 7.44 | NA | SU | |
| Potassium | 200.7 | 0.5 | 1.3 | 1 | mg/L | |
| Selenium | 3114B | 0.001 | 0.002 | 1 | mg/L | 0.05 |
| Sodium | 200.7 | 0.5 | 16.3 | 1 | mg/L | |
| Sulfate | 4500SO4 | 10 | 20 | 1 | mg/L | |
| TDS | 2540C | 10 | 290 | 1 | mg/L | |
| Hardness, as CaCO3 | Calc | 10 | 282 | 1 | mg/L | |
| CAB | Calc | | 7.27 | | % | |


John Green, Laboratory Manager



CHAIN OF CUSTODY RECORD

Client: Conoco-Phillips
 Contact: Michael Nielson
 Address: P.O. Box 2197
Houston TX 77252
 Phone Number: 832-486-2316
 FAX Number: 832-486-2764

NOTES:

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

PO# TIMKELLY
 Project Name: WILSON 34-9
29-4

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

Samplers Signature: [Signature]

FOR GAL USE ONLY
 GAL JOB #
309-076

| Sample ID | Collection | | Miscellaneous | | | | Preservative(s) | | | | Other (Specify) | Analyses Required | | | | Comments |
|-----------------------------|--------------|-------------|-----------------------|--------------------------|-------------------|-----------------------|-------------------------------------|------|-----|-------------------------------------|-----------------|-------------------|-------------|----------------|-------------|----------|
| | Date | Time | Collected by: (Init.) | Matrix Type From Table 1 | No. of Containers | Sample Filtered ? Y/N | Unpreserved (Ice Only) | HNO3 | HCL | H2SO4 | | NAOH | Date | Time | Date | |
| 1. <u>Jim Barbara</u> | <u>92103</u> | <u>1145</u> | <u>g</u> | <u>2</u> | <u>3</u> | <u>N</u> | <input checked="" type="checkbox"/> | | | <input checked="" type="checkbox"/> | | <u>9/22/03</u> | <u>1600</u> | <u>9/22/03</u> | <u>1600</u> | |
| 2. <u>092103-1C1au</u> | | | | | | | | | | | | | | | | |
| 3. <u>Protect</u> | | | | | | | | | | | | | | | | |
| 4. <u>Annal K Janet</u> | <u>9203</u> | <u>1235</u> | <u>u</u> | <u>u</u> | <u>u</u> | <u>u</u> | | | | | | <u>9/22/03</u> | <u>1600</u> | <u>9/22/03</u> | <u>1600</u> | |
| 5. <u>Wilson (092103)</u> | | | | | | | | | | | | | | | | |
| 6. <u>Protect</u> | | | | | | | | | | | | | | | | |
| 7. <u>Claude & Judy</u> | <u>92103</u> | <u>1402</u> | <u>u</u> | <u>u</u> | <u>u</u> | <u>u</u> | | | | | | <u>9/22/03</u> | <u>1600</u> | <u>9/22/03</u> | <u>1600</u> | |
| 8. <u>Callison</u> | | | | | | | | | | | | | | | | |
| 9. <u>092103-3</u> | | | | | | | | | | | | | | | | |
| 10. <u>Protect</u> | | | | | | | | | | | | | | | | |

Relinquished by: [Signature] Date: 9/22/03 Time: 1600
 Received by: [Signature] Date: 9/22/03 Time: 1600

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

1179
entered 4/1/09

Conoco Phillips
Domestic Water Well Test-LaPlata County,CO
Groundwater Monitoring Program
FCGeosciences Water Well Test Report

FCG # 092103-3

BLM COGCC1991

Claude & Trudy Callison (Pretest)
NAME

DATE 9/21/2003

970-247-8754
Telephone#

2706 CR 214 Durango,CO 81303
AddressWaterWell

Same
Mailing Address

Water Well Location and Permit Data

83556
WaterWellPermit#

140
WellDepth(Ft)

115 Permit
StaticWater Level(Ft)

NWSE
QTRQTR

29
SECTION

34
TWP(North)

9
RGE(West)

2050S1800E
FTG

-107.84479
Longitude(DecDegrees)

37.16035
Latitude(DecDegrees)

Garmin GPS NADS CONUS 27

Field Chemistries

7.39
PH_FIELD

611
COND_FIELD

382
TDS_CALC

12.9
WATERTEMP_

Methane Result in mg/L

<0.0005 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

Present
ColiformBacteria

Owner states Aquapump installed "low flow cutoff" for well pump. Frostfree faucet near well head. Water clear, no odor, no tint, no bubbles or sediment in sample bucket. COGCC test 7/12/1991.

COMMENTS

Above water well is monitor well for:

Wilson 34-9#29-4
GasWellName

Sec 29 T34 N R9W (SUL)
LocationGasWell

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.

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 SERVICES
8100 LOWRY BOULEVARD
DENVER, CO 80230-1928

US MAIL
PO BOX 17123
DENVER, CO 80217

WATER BACTERIOLOGY

TO BE BILLED

SAMPLE INFORMATION: COMMUNITY NON-COMMUNITY PRIVATE

PWS ID: [] [] [] [] [] [] [] [] [] []

ROUTINE RAW REPEAT FOR THE MONTH OF

SPECIAL PURPOSE FINISHED

NAME OF SYSTEM: Claude & Rudy Callison MGA

ADDRESS: 1706 CR 214 Durango CO 81303

CITY: Durango COUNTY: CO

DATE: 9/21/03 TIME: 11 BY: Lynn

COLLECTED: AM PM

RECEIVED: 11 AM PM

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

RESULTS: SEE REVERSE FOR EXPLANATION
TOTAL COLIFORM: PRESENT ABSENT

FEE STAMP

PHONE: 4CC # 1686

NAME: P.O. Box 4224

ADDRESS: Durango, CO 81302

CITY/STATE/ZIP: Durango, CO 81302

TEST ORDERED: STD BACT. OTHER

MOST PROBABLE NO. COLIFORM/100ML

3 22 0310-1074

NO E. COLI PROS.

DENVER DURANGO GRD. JCT.

ANALYST: L

LAB 108 (07/97)

7200021-14-02

11