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05-067-06287

Loc # 325386

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Project 596

1175

PETROGULF  
Domestic Water Well Test  
COGCC Infill Order 112-156;112-157  
FCGeo Water Well Test Report

FCG # 012102-3

BLM NO

DATE 1/21/2002

IID(COGCC)

Maggie &amp; John Pomeroy (Post test)

NAME

848 Thoroughbred Rd.Durango, CO 81303

AddressWaterWell

Same

Mailing Address

970-385-6778

Telephone#

## Water Well Location and Permit Data

201075

158

10

WaterWellPermit#

WellDepth(Ft)

StaticWater Level(Ft)

SWSW

17

33

9

1100S,1200W

QTRQTR

SECTION

TWP(North)

RGE(West)

FTG

## Garmin GPS NADS CONUS 27

-107.85249

37.09906

Longitude(DecDegrees)

Latitude(DecDegrees)

## Field Chemistries

8.42

560

350

7

PH\_FIELD

COND\_FIELD

TDS\_CALC

WATERTEMP\_

Methane Result (mg/L)  
(Dissolved)

0.94 mg/L

DetectionLimit 0.0005 mg/L  
USGS/BLM METHODHydrogenSulfide (mg/L)  
HACH Test Kit Field 25378-00

&lt;0.1 mg/L mg/L

Detection Limit 0.1 mg/L

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

ABSENT

ColiformBacteria

Water clear, very slight"S" odor, no tint. No bubbles, sand or sediment. Sample collected at garden faucet;direct from well

## COMMENTS

Florida 1 ~~17~~

GasWellName

NE  
NW Sec17 T33N R9W  
LocationGasWell

05-067-06287

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.

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NAME Maggie & John Pomeroy (Post test)

FCG # 012102-3

Lab ID # 7-201-055-02

DATE 1/21/2002

Chemistries

Alkalinity, Total as CaCO<sub>3</sub> 270

TELEPHONE 970-385-6778

Alkalinity, Bicarb as CaCO<sub>3</sub> 262

Alkalinity, Carbonate as CaCO<sub>3</sub> <10

Alkalinity, Hydroxide as CaCO<sub>3</sub> <10

Calcium 12

CH<sub>4</sub>\_MG\_L 0.94

Chloride mg/L 36

CONDLAB 613

COND\_FIELD 560

Flouride mg/L 1.9

Iron 0.2

Magnesium 0.7

NO<sub>2</sub>NO<sub>3</sub> <0.05

pH Lab 8.35

PH\_FIELD 8.42

Potassium 0.5

Selenium mg/L <0.005

Sodium 140

ColiformBacteria ABSENT

Sulfate 24

TDS Lab 395

TDS\_CALC 350

Hardness 33

CAB 4.59