



02469696

05-067-06287

entered Project 596

69100

Loc # 325386

1176

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

FCG # 012102-2

BLM NO

DATE 1/21/2002

IID(COGCC)

Marshal Ledford (PostTest)

NAME

878 Quarterhorse Rd. Durango, CO 81303

Same

970-259-3813

AddressWaterWell

Mailing Address

Telephone#

Water Well Location and Permit Data

176772

220

40

WaterWellPermit#

WellDepth(Ft)

StaticWater Level(Ft)

SENE

18

33

9

2240N,240E

QTRQTR

SECTION

TWP(North)

RGE(West)

FTG

Garmin GPS NADS CONUS 27

-107.85758

37.10583

Longitude(DecDegrees)

Latitude(DecDegrees)

Field Chemistries

7.42

555

347

10.8

PH_FIELD

COND_FIELD

TDS_CALC

WATERTEMP_

Methane Result (mg/L)
(Dissolved)

<0.0004 mg/L mg/L

DetectionLimit 0.0005 mg/L
USGS/BLM METHOD

HydrogenSulfide (mg/L)
HACH Test Kit Field 25378-00

<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

Owners state "WilliamsField Services "affected by gas well" Stated Williams mitigated neighbors water well. Also concern re: adjacent "Pesticide Company" Refer to Williams&General Pesticide for more information.

COMMENTS

Florida *LA7*

GasWellName

NW
NE Sec17 T33N R9W

LocationGasWell

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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.

*entered
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NAME Marshal Ledford (PostTest)

FCG # 012102-2

Lab ID # 7-201-055-01

DATE 1/21/2002

Chemistries

Alkalinity, Total as CaCO3 324

TELEPHONE 970-259-3813

Alkalinity, Bicarb as CaCO3 324

Alkalinity, Carbonate as CaCO3 <10

Alkalinity, Hydroxide as CaCO3 <10

Calcium 84

CH4_MG_L <0.0004 mg/L

Chloride mg/L 11

CONDLAB 615

COND_FIELD 555

Flouride mg/L 0.2

Iron <0.05

Magnesium 15

NO2NO3 7.2

pH Lab 7.29

PH_FIELD 7.42

Potassium 1.5

Selenium mg/L <0.005

Sodium 25

ColiformBacteria ABSENT

Sulfate 25

TDS Lab 370

TDS_CALC 347

Hardness 272

CAB 2.22