

05-067-08410  
Loc # 334028



02469693

05-067-08410 08169  
Loc # 385886

intend project 596

69100

1177

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

FCG # 091000-1

BLM NO

DATE 9/10/2000

IID(COGCC)

Jim & Elaine Zornes (PRE)

NAME

229 CR 318 Ignacio, CO 81137

AddressWaterWell

Same

Mailing Address

970-563-0190

Telephone#

Water Well Location and Permit Data

182886

WaterWellPermit#

140

WellDepth(Ft)

45

StaticWater Level(Ft)

SWSW

QTRQTR

23

SECTION

33

TWP(North)

9

RGE(West)

1196S, 1000W

FTG

Garmin GPS NADS CONUS 27

-107.80107

Longitude(DecDegrees)

37.08524

Latitude(DecDegrees)

Field Chemistries

8.61

PH\_FIELD

1285

COND\_FIELD

803

TDS\_CALC

16

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

SJBH sample bottle to owne  
ColiformBacteria

Water clear, no odor, v. sl. yel tint No efferves. Sample direct from well-before cistern.

COMMENTS

Petrogulf Walsh #1-22

GasWellName

05-067-08169

N<sup>w</sup>

SE Sec 22 T33N R9W

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.

05-067-08410

1-22 Leslie Cohen

entered project 596  
1177

NAME Jim & Elaine Zornes (PRE)

FCG # 091000-1

Lab ID # 7-009-032-01

DATE 9/10/2000

Chemistries

Alkalinity, Total as CaCO<sub>3</sub> 304

TELEPHONE 970-563-0190

Alkalinity, Bicarb as CaCO<sub>3</sub> 280

Alkalinity, Carbonate as CaCO<sub>3</sub> 24

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

Calcium 13.2

CH<sub>4</sub>\_MG\_L <0.0004 mg/L

Chloride mg/L 78

CONDLAB 1280

COND\_FIELD 1285

Flouride mg/L 1.3

Iron <0.05

Magnesium 1.2

NO<sub>2</sub>NO<sub>3</sub> 0.86

pH Lab 8.39

PH\_FIELD 8.61

Potassium 1.1

Selenium mg/L 0.124

Sodium 324

ColiformBacteria SJBH sample bottle to own

Sulfate 350

TDS Lab 955

TDS\_CALC 803

Hardness 38

CAB 0.22