

05-067-08410  
Loc # 334028



02469694

intert project 596

69100

05-067-08410 169  
Loc # 385886

1177

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

FCG # 032602-5

BLM NO

DATE 3/26/2002

IID(COGCC)

Jim & Elaine Zornes (Post test)

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

8.39

PH\_FIELD

1224

COND\_FIELD

765

TDS\_CALC

9.8

WATERTEMP\_

Methane Result (mg/L)  
(Dissolved)

<0.0004 mg/L mg/L

Detection Limit 0.0005 mg/L  
USGS/BLM METHOD

Hydrogen Sulfide (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

Present-Mail results No telep

ColiformBacteria

FC stop by house 6x. Owner not present. Tele disconnected. Located Jim 3/26/02. Unable to get sample direct from well. Cistern sample. Water feels slimy. No odor or tint

COMMENTS

AL  
Petrogulf Walsh #1-22

GasWellName

NW  
SE Sec 22 T33N R9W

LocationGasWell

05-067-08169

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 1177

NAME Jim & Elaine Zornes (Post test)

FCG # 032602-5

Lab ID # 7-203-006-01

DATE 3/26/2002

Chemistries

Alkalinity, Total as CaCO<sub>3</sub> 314

TELEPHONE 970-563-0190

Alkalinity, Bicarb as CaCO<sub>3</sub> 310

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

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

Calcium 8.7

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

Chloride mg/L 51

CONDLAB 1360

COND\_FIELD 1224

Flouride mg/L 1.2

Iron <0.5

Magnesium <5.0

NO<sub>2</sub>NO<sub>3</sub> 0.30

pH Lab 8.24

PH\_FIELD 8.39

Potassium <5.0

Selenium mg/L 0.09

Sodium 305

ColiformBacteria Present-Mail results No tele

Sulfate 310

TDS Lab 790

TDS\_CALC 765

Hardness 22

CAB 1.98