

05-067-08410
Loc # 334028



intered project 596

69100

05-067-08169
Loc # 385806

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

^{NW} 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 CaCO3 304

TELEPHONE 970-563-0190

Alkalinity, Bicarb as CaCO3 280

Alkalinity, Carbonate as CaCO3 24

Alkalinity, Hydroxide as CaCO3 <10

Calcium 13.2

CH4_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

NO2NO3 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