

05-067-08410
Loc # 334028



02469694

entered 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 970-563-0190

Mailing Address Telephone#

Water Well Location and Permit Data

182886 WaterWellPermit# 140 WellDepth(Ft) 45 StaticWater Level(Ft)

SWSW SECTION 23 TWP(North) 33 RGE(West) 9 FTG 1196S,1000W

Garmin GPS NADS CONUS 27 -107.80107 Longitude(DecDegrees) 37.08524 Latitude(DecDegrees)

Field Chemistries PH_FIELD 8.39 COND_FIELD 1224 TDS_CALC 765 WATERTEMP_ 9.8

Methane Result (mg/L) (Dissolved) <0.0004 mg/L mg/L Detection Limit 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 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 wellCistern sample.Water feels slimie.No odor or tint

COMMENTS

AL
NW
Petrogulf Walsh #1-22 SE Sec 22 T33N R9W
GasWellName 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 CaCO3 314

TELEPHONE 970-563-0190

Alkalinity, Bicarb as CaCO3 310

Alkalinity, Carbonate as CaCO3 <10

Alkalinity, Hydroxide as CaCO3 <10

Calcium 8.7

CH4_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

NO2NO3 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