



02469967

entered 5/29/03

05-067-08405 Loc # 312025

05-067-08876 Loc # 333988

Conoco, Inc.
Domestic Water Well Test
Groundwater Monitoring-
Water Well Field Data

ID(COGCC) 1031 no 112001-3
BLM IID# FCG ID#

Mark & Betsy Quesenbery-Posttest 11/20/2001
Water Well Owner name Date of Test

2984 CR 214 Durango, CO 81303 Same 970-385-1787
AddressWaterWell Mailing Address TELEPHONE_

Water Well Location and Permit Information Unavailable 188 130 Unknown
Permit#DOWR WellDepth(Ft) StaticWaterLevel(Ft) FTG

-107.84595 37.15532
Longitude(DecDegrees) Latitude(DecimalDegrees) Garmin GPS NADS CONUS 27

SE 29 34 9
QTRQTR SECTION TWP North RGE West

Boren 34-9 #29-3 & 4 Sec 29 T34N R9W(SUL)
Associated Infill Well Location Infill Well

Field Chemistries

7.18 601 376 14
pH Conductivity(us/cm) TDS(Calculated) WaterTp(Celsius)

Water samples were collected and delivered to laboratory by Four Corner Geoscience the same day as site visit. Samples were delivered to Green Analytical Lab for analysis and the results will be mailed to you upon completion of analysis.

Methane Result in mg/L <0.0004 mg/L Detection Limit 0.0004 mg/L
Methane(mg/L) USGS/BLM Method

Hydrogen sulfide(HACH Test Kit Field) <0.1 mg/L Detection Limit 0.1 mg/L
H2S (mg/L)

San Juan Basin Health-State of Colorado Health Dept Test ABSENT
ColiformBacteria

Water clear slight yellow tint and "Fe" odor. No bubbles, sand or sediment.

COMMENTS

Four Corners Geoscience conducted onsite field chemistries, observation of physical characteristics of water while pumping system to receive a fresh aquifer sample. Water samples were collected and delivered to EPA quality assured lab for analysis. Water samples for bacterial analysis were collected and delivered to San Juan Basin Health in Durango, CO. Samples for headspace gas analysis were taken to FCG lab per USGS standard and methods for these analysis. Four Corners Geoscience is not liable for the results of these analysis and recommends referral to specialists in the field or water treatment. All methods are conducted in accordance with the requirements for this groundwater monitoring program in La Plata Colorado per Colorado Oil and Gas Conservation Commission Order # 112-156 and 112-157 established in July 2000.

IID 1031
entered 4/20/03



Conoco, Inc.
10 Desta Drive, Ste #649 West
Midland, TX 79705
Attention: Mike Mankin

Acculabs I.D.: 7-111-042-01

Date Received: 11/20/01

Date Reported: 01/18/02

QC Batches:

PROJECT NAME: Boren 34-9
PROJECT NUMBER: #29-3, & 29-4
SAMPLE I.D.: Mark Quesenberry 112001-3 (Post)
067-06334

Sample Date: 11/20/01

Sample Matrix: Water

Laboratory Report

RESULTS

PARAMETER	METHOD	REPORT		DIL	UNITS	Maximum Contamination Level
		LIMIT	RESULT			
Alkalinity, Total	2320B	10	350	1	mg/L	
Alkalinity, Bicarbonate	2320B	10	350	1	mg/L	
Alkalinity, Carbonate	2320B	10	<10	1	mg/L	
Alkalinity, Hydroxide	2320B	10	<10	1	mg/L	
Calcium	200.7	0.5	99	1	mg/L	
Chloride	4500CL	10	13	1	mg/L	
Conductivity	120.1	1.0	718	1	uS/cm	
Fluoride	4500F C	0.2	<0.2	1	mg/L	4.0
Iron	200.7	0.05	<0.05	1	mg/L	
Magnesium	200.7	0.5	16	1	mg/L	
Nitrate/Nitrite as N	353.2	0.05	3.8	1	mg/L	
pH	150.1	NA	7.09	NA	SU	
Potassium	200.7	0.5	1.7	1	mg/L	
Selenium	200.9	0.005	0.010	1	mg/L	0.05
Sodium	200.7	0.5	34	1	mg/L	
Sulfate	4500SO4	10	34	1	mg/L	
TDS	160.1	10	380	1	mg/L	
Hardness	Calc	14	313	1	mg/L	
CAB	Calc		6.15		%	


John Green, Laboratory Manager