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05-067-08876 W-4 533988

entered 3/27/03

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

IID(COGCC) 1031 no 122100-1
 BLM IID# FCG ID#

Mark & Betsy Quesenbery-Pretest 12/21/2000
 Water Well Owner name Date of Test

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

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

-107.84585 37.15551
 Longitude(DecDegrees) Latitude(DecimalDegrees) Garmin GPS NADS CONUS 27

SE 29 34 9
 QTRQTR SECTION TWP North RGE West

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

Field Chemistries

7.28 597 373 10.5
 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

Owner states pressure tank 100 gallons. Pumped 150 gallons for fresh aquifer sample. Water clear, slight Fe odor. Sand and red clay in bucket.

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.

11D 1031 ✓

entered 4/20/03



S&G Interests / Sagle, Schwab & McLean
PO Box 2677
Durango, CO 81302
Attention: Alex McLean

Acculabs I.D.: 7-012-054-01

Date Received: 12/21/00

Date Reported: 01/10/01

QC Batches:

per SGI

PROJECT NAME: Boren 34-9; 29 ~~A3~~ 067-06334
PROJECT NUMBER: 0
SAMPLE I.D.: Mark & Betsy Quesenberg

Sample Date: 12/21/00

Sample Matrix: Water

Laboratory Report

RESULTS

PARAMETER	METHOD	REPORT		DIL	UNITS	DATE	ANALYST
		LIMIT	RESULT			ANALYZED	
Alkalinity, Total	2320B	10	360	1	mg/L		
Alkalinity, Bicarbonate	2320B	10	360	1	mg/L		
Alkalinity, Carbonate	2320B	10	<10	1	mg/L		
Alkalinity, Hydroxide	2320B	10	<10	1	mg/L		
Calcium	200.7	0.5	109	1	mg/L		
Chloride	4500CL	10	10	1	mg/L		
Conductivity	120.1	1.0	658	1	uS/cm		
Fluoride	4500F C	0.2	<0.2	1	mg/L		
Iron	200.7	0.05	<0.05	1	mg/L		
Magnesium	200.7	0.5	18.2	1	mg/L		
Nitrate/Nitrite as N	353.2	0.05	3.6	1	mg/L		
pH	150.1	NA	7.18	NA	SU		
Potassium	200.7	0.5	1.4	1	mg/L		
Selenium	3114B	0.001	0.003	1	mg/L		
Sodium	200.7	0.5	35.5	1	mg/L		
Sulfate	4500SO4	10	36	1	mg/L		
TDS	160.1	10	440	1	mg/L		
Hardness	Calc	14	347	1	mg/L		
CAB	Calc		10.2		%		


John Green, Laboratory Manager