

## Residential Water Well Field Data Form

Project Name: COGCC - Environmental Support  
 Project Number: 25087038

Permit No: Not applicable  
 Owner: Jerry Meadows

## Well Owner Survey

Is there a holding tank for the well? Yes X No           
 Do you have a water softener/treatment system? Yes          No X  
 Do you have an in-line filter? Yes          No X  
 Sampling point upstream of pressure tank and treatment system? Yes          No X

Address: 19560 County Road 30.1  
Weston, CO 81091  
 Location: Sec. 5, T33S, R66W  
 Date: 9/3/2009  
 Weather: Cloudy, 70 degrees F

Location of well: Approximately 400 feet west-northwest of the house  
 Type of pump (jet, submersible, suction): submersible  
 Casing material and diameter: 8" Cast iron with 4" PVC  
 Depth to Static Water Table (fluctuations): 44 feet  
 Description of area around well: Relatively flat, agricultural/residential grassland, dirt, and gravel  
 Location and description of sample point: Hose ran from pressure tank to the backyard (Pressure tank located underneath house)  
 Pump start time: 11:42 AM

Time	Volume Purged (gal.)	PH (SI Units)	Spec Cond (ms/cm)	DO (mg/L)	Turbidity (NTU)	Temperature (°C)	Clarity	Other *
11:42 AM					slight		sl. Cloudy	none
11:45 AM	5				slight		sl. Cloudy	none
11:51 AM	11	7.81	0.0389	2.41	slight	17.35	sl. Cloudy	none
11:54 AM	14	7.80	0.0388	3.32	slight	17.04	sl. Cloudy	none
11:57 AM	17	7.80	0.0384	2.32	slight	16.70	sl. Cloudy	none

\* odors (if any); effervescence (if any); produced sediment (if any); evidence of bacterial fouling (bioslimes or biofilms).

Field Sample ID : Meadows-Exterior Collection Time: 12:05 PM Number of Containers: 11

Analyte	# of Containers	Container Size	Type	Analytical Method	Preservative
Dissolved Methane	3	40 ml	vial	RSK175	4°C
Semivolatiles	2	40 ml	vial	8270	HCl 4°C
Dissolved Metals	1	500 ml	HDPE	6020	4° C
Br, Cl, F, SO <sub>4</sub>	1	250 ml	HDPE	300	4° C
Spec. Cond., TDS, TSS	1	250 ml	HDPE	2540C	4° C
NO <sub>3</sub> , NO <sub>2</sub>	1	250 ml	HDPE	353.2	H <sub>2</sub> SO <sub>4</sub> , 4° C
pH	1	125 ml	HDPE	150.1	4°C
Isotopic Analysis	1	1 L	Plastic	NG-2	biocide
Duplicate Sample Collected?	Yes:		No:	X	

Sampler: Chris Roy

Duplicate ID:         

## GPS Coordinates

Latitude: N 37° 11' 54.6" Longitude: W 104° 48' 23.5"

Comments: Nearest oil/gas operation is approximately 300 yards to the south. There is no cistern for the well, just a pressure tank.  
Collected a dissolved methane sample from an interior utility sink after purging approximately 4 gallons for approximately 5 minutes at 12:15 PM.  
Well is 185 feet deep.