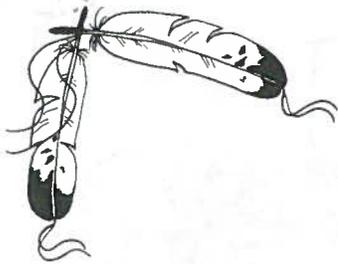




11D 1201
entered 9/3/04



05-067-08905 Loc# 306863
RED WILLOW PRODUCTION COMPANY
SOUTHERN UTE INDIAN TRIBE

March 17, 2004

Bob Smith
1530 County Road 523
Bayfield, CO 81122-9669



Re: Water Well Testing Results

Dear Mr. Smith:

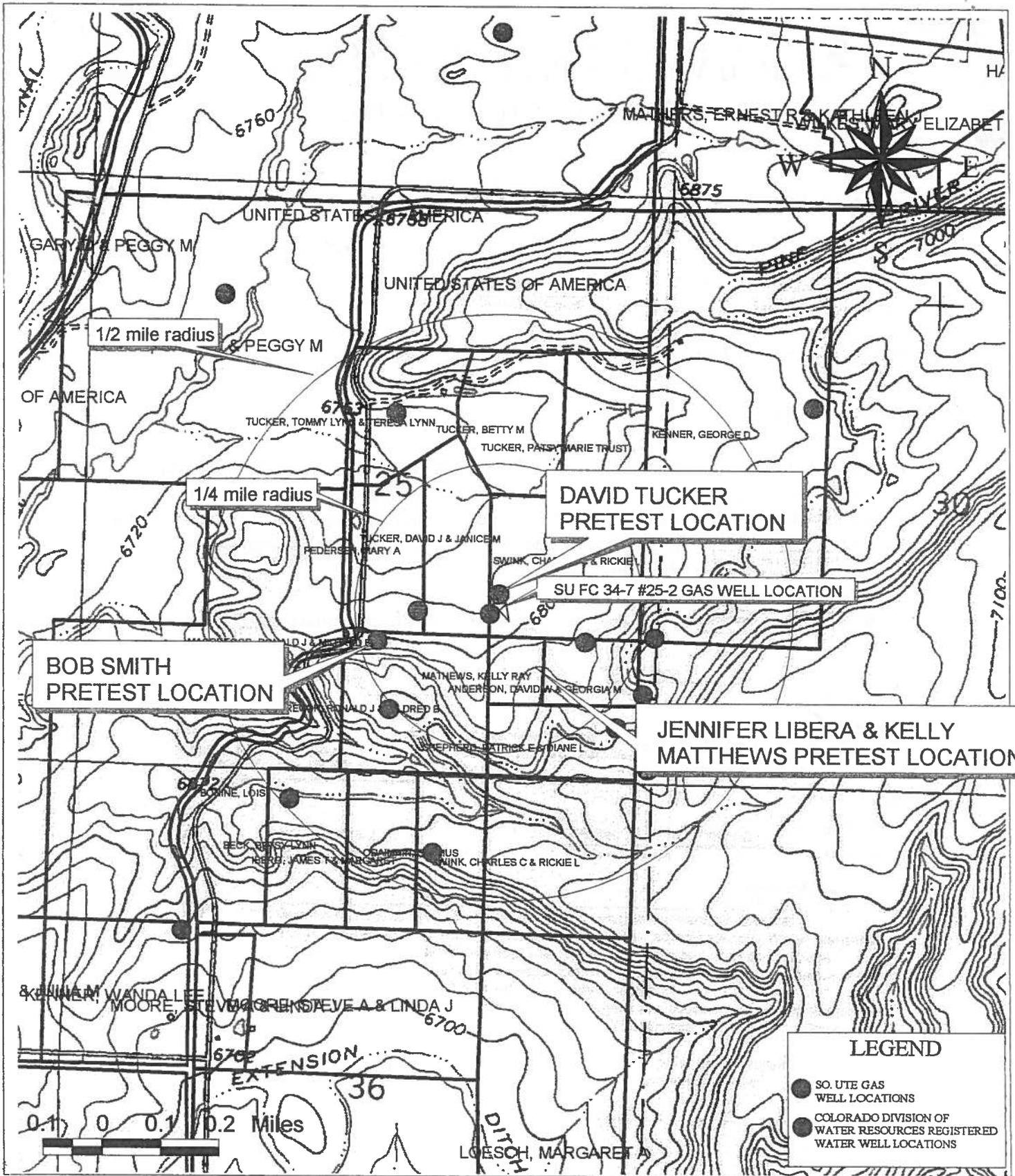
Please find attached the analytical results of the water well testing conducted on your property on December 29, 2003 and January 9, 2004 by Four Corners Geoscience. Red Willow Production Co. would like to collect a follow-up sample (post test) 8 months after the well is completed or first delivery. Red Willow Production Co. appreciates your cooperation in collecting the water samples.

If you have any questions regarding the sample results, please contact me at (970) 563-0145.

Sincerely,

Andy Young
Environmental, Health and Safety Manager
Red Willow Production Co.

C: Debbie Baldwin, COGCC



COLORADO

RED WILLOW PRODUCTION CO.
 SU FC 34-7 #25-2 GAS WELL LOCATION
 DOMESTIC WATER WELL SAMPLING LOCATIONS
 T34N, R7W, SECTION 25
 NEW MEXICO PRINCIPAL MERIDIAN

PROJECT AREA
 MAP
 Prepared By:
 Ecosphere Environmental
 Services

11D 1201
entered 9/2/04

Red Willow Production/Ecosphere Environmental
Domestic Water Well Test
COGCC Infill Order 112-156;112-157
FCGeo Water Well Test Report

FCG # 122903-1 BLM NO _____
DATE 12/29/2003 IID(COGCC) 0

Bob Smith(Pretest)
NAME
1530 CR 523 Bayfield,CO 81122 P.O. Box 518 Bayfield,CO 81122 970-884-0372
AddressWaterWell Mailing Address Telephone#

Water Well Location and Permit Data
Poss132509 140 50
WaterWellPermit# WellDepth(Ft) StaticWater Level(Ft)
SWSE(SUL) 25 34 7 1195S2590E
QTRQTR SECTION TWP(North) RGE(West) FTG

Garmin GPS NADS CONUS 27 -107.55888 37.15794
Longitude(DecDegrees) Latitude(DecDegrees)

Field Chemistries 8.41 942 589 5
PH_FIELD COND_FIELD TDS_CALC WATERTEMP_

Methane Result (mg/L) (Dissolved) 8.42 mg/L Detection Limit 0.0005 mg/L
USGS/BLM METHOD

HydrogenSulfide (mg/L) HACH Test Kit Field 25378-00 >0.1<0.3 mg/L Detection Limit 0.1 mg/L

San Juan Basin Health-State of Colorado Health Dept Coliform Test Only Absent
ColiformBacteria

Initially Strong "S"odor,water clear then increasingly cloudy&yellow tint til end of pumping.Musty odor & slight "S" odor.Trace iron flakes in bottom of sample bucket.No bubbles or effervescence.Precistern sample.Possible isotope collection>2.0CH4

COMMENTS

SUIT 34-7#25-2 SE Sec 25 T34N R7W(NUL)
GasWellName LocationGasWell

05-067-08905

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.

1201
entered 9/3/04

Red Willow Production/Ecosphere Environmental
Domestic Water Well Test
COGCC Infill Order 112-156;112-157
FCGeo Water Well Test Report

FCG # 010904-2 BLM NO
DATE 1/9/2004 IID(COGCC) 0

Bob Smith(Methane & Isotope Sampling)
NAME

1530 CR 523 Bayfield,CO 81122
AddressWaterWell

P.O. Box 518 Bayfield,CO 81122
Mailing Address

970-884-0372
Telephone#

Water Well Location and Permit Data

Poss132509 140 50
WaterWellPermit# WellDepth(Ft) StaticWater Level(Ft)

SWSE(SUL) 25 34 7 1195S2590E
QTRQTR SECTION TWP(North) RGE(West) FTG

Garmin GPS NADS CONUS 27

-107.55888 37.15794
Longitude(DecDegrees) Latitude(DecDegrees)

Field Chemistries

8.5 864 540 6
PH_FIELD COND_FIELD TDS_CALC WATERTEMP_

Methane Result (mg/L)
(Dissolved)

8.34 mg/L
DetectionLimit 0.0005 mg/L
USGS/BLM METHOD

HydrogenSulfide (mg/L)
HACH Test Kit Field 25378-00

>0.1<0.3 mg/L
Detection Limit 0.1 mg/L

San Juan Basin Health-State of Colorado
Health Dept Coliform Test Only

PretestAbsent
ColiformBacteria

Strong "S"odor,water clearer than pretest yet cloudy&yellow tint."S" odor decreases after 9 minutes.Still present.Trace iron flakes in bottom of sample bucket.Effervescence at beginning of sampling;then bubbles off hose.Raw sampleISOTOPE

COMMENTS

SUIT 34-7#25-2
GasWellName

SE Sec 25 T34N R7W(NUL)
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.

11 D 1201
entered

Four Corners Geoscience
P.O. Box 4224
Durango, CO 81302
970-247-5046
fcgeo@frontier.net

1/9/2004
DATE

Client
Red Willow Production
P.O. Box 737
Ignacio, CO 81137
Tel 970-563-0145

Attn. :Andy Young

Site ID Bob Smith(After Cistern In House)

010904-2
FCG #

7.33
Methane Result(mg/L)

Detection Limit 0.02 mg/L
USGS/BLM Method

Water samples were collected by Lynn Fechter of Four Corners Geoscience. Samples were collected at the kitchen s the Smith residence to determine the amount of methane and hydrogen sulfide delivered through water pipeline into cistern and into the house.

Mr Smith was referred to Ron Tate of Water Solutions for well water treatment.

Analysis is conducted within 24 hours of collection per standards and methods per USGS and BLM protocols.

Four Corners Geoscience is not liable for the interpretation of results nor is responsible for misinterpretation of results or text.

Recommended level for methane concentrations in water is less than 1.0 mg/L per BLM-San Juan Resource Area.

"Methane levels up to 7 mg/L are not of concern but should be monitored and treatment for removal of gases should between 7 mg/L and 13 mg/L should be monitored and treatment for the removal of gases should also be considered. Also, care should be taken to ventilate confined spaces where water well is used.

When methane levels are 13 mg/L or above treatment is a must. These treatments include some form of aeration to remove methane from well water and ventilation to allow the methane to safely dissipate outdoors rather than accumulate within the home, well houses or other confined spaces. When you find methane in your water well, additional, regular testing and monitoring should be performed since methane levels can fluctuate over time."

Taken from "How Well Do You Know Your Water Well" Groundwater and Water Wells in Southwest Colorado. Prepared by CDS Environmental Services, Plateau Services in cooperation with the Southern Ute Indian Tribe, LaPlata County, San Juan Basin Health Department, Colorado Oil and Gas Conservation Commission, and the Colorado Division of Water Resources.

Please call a qualified water treatment specialists for further information regarding treatment for the removal of high levels of methane form groundwater aquifers.



GAL ID No.: 312-078-01

January 7, 2004

Ecosphere Environmental
2257 Main Ave, Patio Level
Durango, CO 81301
Attention Erika Berglund

Project Name: So Ute 34-7 #25-2
Project Number: 122903-1
Date Received: 12/29/03

This is to transmit the attached analytical report. The analytical data and information contained therein was generated using specified or selected methods contained in references, such as Standard Methods for the Examination of Water and Wastewater, 18th & 19th editions, and Methods for Determination of Organic Compounds in Drinking Water, EPA-600/4-79-020.

Samples were received by Green Analytical Laboratories, Inc. in good condition on 12/29/03.

If you should have any questions or comments regarding this report, please do not hesitate to call.

Sincerely,

A handwritten signature in cursive script that reads 'John Green'.

John Green
Laboratory Director

Enclosure

Green Analytical Laboratories, Inc.
 75 Suttle Street
 Durango, CO 81303

1201
 entered
 9/2/04

Ecosphere Environmental
 2257 Main Ave, Patio Level
 Durango, CO 81301
 Attention: Erika Berglund

GAL I.D.: 312-078-01
 Date Received: 12/29/03
 Date Reported: 01/07/04

QC Batches:

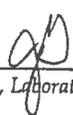
PROJECT NAME: So Ute 34-7 #25-2
PROJECT NUMBER: 122903-1
SAMPLE I.D.: Bob Smith (Pre)

Sample Date: 12/29/04
 Sample Matrix: Water

Laboratory Report

RESULTS

PARAMETER	METHOD	REPORT		DIL	UNITS	Maximum Contamination Level
		LIMIT	RESULT			
Alkalinity, Total	2320B	10	420	1	mg/L	
Alkalinity, Bicarbonate	2320B	10	420	1	mg/L	
Alkalinity, Carbonate	2320B	10	<10	1	mg/L	
Alkalinity, Hydroxide	2320B	10	<10	1	mg/L	
Calcium	200.7	0.5	9.1	1	mg/L	
Chloride	4500CL	10	39	1	mg/L	
Conductivity	2510B	1.0	878	1	uS/cm	
Fluoride	4500F C	0.2	4.0	1	mg/L	4.0
Iron	200.7	0.05	<0.05	1	mg/L	
Magnesium	200.7	0.5	1.4	1	mg/L	
Nitrate/Nitrite as N	353.3	0.02	<0.02	1	mg/L	
pH	150.1	NA	8.33	NA	SU	
Potassium	200.7	0.5	0.6	1	mg/L	
Selenium	3114B	0.001	0.001	1	mg/L	0.05
Sodium	200.7	0.5	181	1	mg/L	
Sulfate	4500SO4	10	<10	1	mg/L	
TDS	2540C	10	475	1	mg/L	
Hardness	Calc	10	28	1	mg/L	
CAB	Calc		1.58		%	


 John Green, Laboratory Manager



Analytical Laboratories, Inc.

CHAIN OF CUSTODY RECORD

Client: Ecosphere for Food Testing

Contact: Fitzgerald/Erika Berglund

Address: 2257 MAUI AVE

Palo Verde Blvd CA 81301

Phone Number: 71382 7256

FAX Number: 71382 7259

NOTES:

1) Ensure proper container packaging.

2) Ship samples promptly following collection.

3) Designate Sample Reject Disposition.

PO# SUIT

Project Name: SUIT 347-#25-2 Samplers

Signature: [Signature]

Table 1. - Matrix Type

- 1 = Surface Water, 2 = Ground Water
- 3 = Soil/Sediment, 4 = Rinse, 5 = Oil
- 6 = Waste, 7 = Other (Specify) _____

FOR GAL USE ONLY

GAL JOB #

312-078

Lab Name: Green Analytical Laboratories, Inc.		(970) 247-4220		FAX (970) 247-4227		Address: 75 Suttle Street, Durango, CO 81303								
Sample ID	Date	Time	Collection			Miscellaneous			Preservative(s)			Analyses Required	Comments	
			Collected by: (Init.)	Matrix Type From Table 1	No. of Containers	Sample Filtered ? Y/N	Unpreserved (Ice Only)	HNO3	HCL	H2SO4	NAOH			Other (Specify)
1. <u>Bob Smith</u>	<u>12/29/03</u>	<u>11:00</u>												
2. <u>22503-1</u>														
3. <u>Dudley</u>														
4.														
5.														
6.														
7.														
8.														
9.														
10.														
Relinquished by: <u>[Signature]</u>			Date: <u>12/29/03</u>	Time: <u>12:45</u>	Received by: <u>[Signature]</u>			Date: <u>12/29/03</u>	Time: <u>12:45</u>					

01

San Juan Basin Health Department

See copy of form from Water bacteriology report for Coliform, below.

Colilert test for presence or absence of coliform bacteria.



LABORATORY & RADIATION SERVICES
8100 LOWRY BOULEVARD
DENVER, CO 80220-6808

TO BE BILLED
BACTERIOLOGY

*paid by Legum
SUIT*

SAMPLE INFORMATION: COMMUNITY NON-COMMUNITY PRIVATE

PWS ID: [] [] [] [] [] [] ROUTINE RAW REPEAT FOR THE MONTH OF

SPECIAL PURPOSE FINISHED

DATE TIME DAY

COLLECTED 12/19/03 AM PM

RECEIVED 11 AM PM

NAME OF SYSTEM Bob Smith MGA

ADDRESS 1530 CR 923 Bayfield CO CITY COUNTY

RESULTS: SEE REVERSE FOR EXPLANATION

TOTAL COLIFORM PRESENT ABSENT

MOST PROBABLE NO. _____ COLIFORM/100ML

ORDERED BY: (SAMPLE MAY NOT BE TESTED IF ALL INFORMATION IS NOT PROVIDED)

FEE STAMP

PHONE _____

NAME 4C Ges #1686

ADDRESS P.O. Box 4224

CITY/STATE/ZIP Do Co 81302

TEST ORDERED STD BACT. OTHER _____

DEC 29 '03 14:22 2000

DENVER DURANGO GRD. JCT.

ANALYST [Signature]

LAB 106 (07/87)

FAX 1-2-03 Eco



www.isotechlabs.com mail@isotechlabs.com

Isotech Laboratories, Inc. 1308 Parkland Court Champaign, IL 61821-1826 Telephone 217/398-3490 FAX 217/398-3493

February 10, 2004

FEB 17 2004

Andy Young
Red Willow Production Co.
PO Box 737
Ignacio, CO 81137

Dear Mr. Young:

Enclosed are the analysis reports for the sample recently submitted from the Bob Smith Water Well. This sample was assigned to Isotech job numbers 4708 & 4709. These are the same data that were emailed to you earlier. I hope the data are helpful. If you have any questions concerning this data, or if there is anything else we can do for you, please do not hesitate to contact us.

We will hold the sample until 03/02/04 in case you should want any additional analyses carried out and will then dispose of the remaining sample material. I have also enclosed an invoice for this work and would appreciate it if you would pass it on to the appropriate office for processing. Thank you for choosing Isotech for your analysis needs, we appreciate your business.

Sincerely,

Steven R. Pelphey
Laboratory Manager

Enclosure

SRP:cw

11D 1201

Entered

ANALYSIS REPORT

Lab #: 62013 Job #: 4708
 Sample Name/Number: Bob Smith Water Well (010904-2)
 Company: Red Willow Production
 Date Sampled: 1/09/2004
 Container: Glass Bottle
 Field/Site Name: SUIT 34-7 #25-2
 Location: SE Sec 25T3 4NR7WSUL
 Formation/Depth: La Plata Cty
 Sampling Point:
 Date Received: 1/13/2004 Date Reported: 2/10/2004

Component	Chemical mol. %	Delta 13C per mil	Delta D per mil	Delta 15N per mil
Carbon Monoxide -----	nd			
Hydrogen Sulfide -----	nd			
Helium -----	nd			
Hydrogen -----	nd			
Argon -----	0.920			
Oxygen -----	10.36			
Nitrogen -----	46.82			
Carbon Dioxide -----	0.57			
Methane -----	41.31	-65.62	-242.1	
Ethane -----	0.0136			
Ethylene -----	nd			
Propane -----	nd			
Iso-butane -----	nd			
N-butane -----	nd			
Iso-pentane -----	nd			
N-pentane -----	nd			
Hexanes + -----	0.0051			

Total BTU/cu.ft. dry @ 60deg F & 14.7psia, calculated: 419

Specific gravity, calculated: 0.818

Remarks:

Analysis is of gas extracted from water by headspace equilibration. Analysis has been corrected for helium added to create headspace.

nd = not detected. na = not analyzed. Isotopic composition of carbon is relative to VPDB. Isotopic composition of hydrogen is relative to VSMOW. Calculations for BTU and specific gravity per ASTM D3588. Chemical compositions are normalized to 100%. Mol. % is approximately equal to vol. %.
 Chemical analysis based on standards accurate to within 2%



IID 1201
Entered

ANALYSIS REPORT

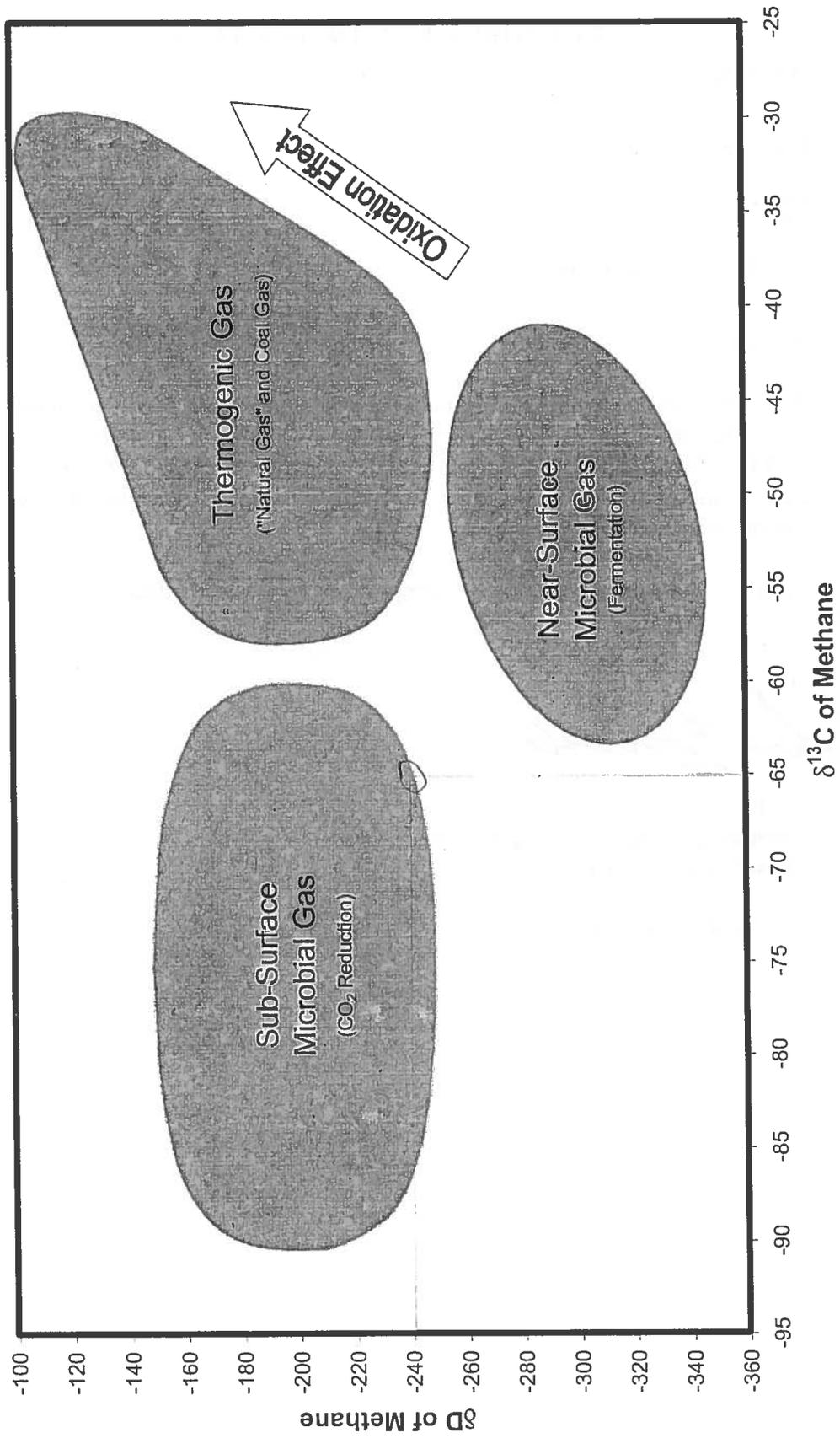
Water Analysis Report

Lab Number: 62014 Job Number: 4709
Submitter Sample Name: Bob Smith Water Well (010904-2)
Submitter Sample ID:
Submitter Job #:
Company: Red Willow Production
Field or Site: SUIT 34-7 #25-2
Location: SE Sec 25T3 4NR7WSUL
Depth/Formation: La Plata Cty
Container Type: Vial - glass
Sample Collected: 1/09/2004
Results Reported: 2/10/2004

Delta D of water ----- -93.0 per mil relative to VSMOW
Delta O-18 of water ----- -12.68 per mil relative to VSMOW
Tritium content of water ----- na
Delta C-13 of DIC ----- -8.77 per mil relative to VPDB
Carbon-14 content of DIC ----- na

Remarks:

Typical Compositional Ranges of Methanes from Different Sources





RED WILLOW PRODUCTION COMPANY
SOUTHERN UTE INDIAN TRIBE

March 17, 2004

Jennifer Libera
1532 CR 523
Bayfield, CO 81122

Re: Water Well Testing Results

Dear Ms. Libera:

Please find attached the analytical results of the water well testing conducted on your property on December 19, 2003 by Four Corners Geoscience. Red Willow Production Co. would like to collect a follow-up sample (post test) 8 months after the well is completed or first delivery. Red Willow Production Co. appreciates your cooperation in collecting the water samples.

If you have any questions regarding the sample results, please contact me at (970) 563-0145.

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Young".

Andy Young
Environmental, Health and Safety Manager
Red Willow Production Co.

C: Debbie Baldwin, COGCC