

05-067-08667

LOC# 326670



FINNEY LAND CO.

OIL & GAS CONSULTING

P.O. BOX 2471

DURANGO, CO 81302

PHONE: (970) 259-5691 • FAX (970) 259-4279

110 714

RECEIVED

FEB 11 02

COGCC

February 6, 2002

Marilyn Reed
925 Oso Grande
Durango, CO 81303

Re: Pure Resources
Mason #2-4
Water Well Test Results


Dear Ms. Reed;

Enclosed please find the water well test result for the well that is located on your property. Please note that the state requires that we re-test the well within one year of the completion of the Mason #2-4 well. A representative of Four Corners Geoscience will be getting with you to do this subsequent testing.

Please don't hesitate to give me a call if you have any questions.

Sincerely,

Finney Land Co..


Michael J. Finney, CPL
President

enclosures

cc: COGCC
Petrox Resources, Inc.
La Plata County

110 714

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COGCC

Acculabs I.D.: 7-112-036-01

Date Received: 12/12/01

Date Reported: 01/18/02

QC Batches:

Finney Land Co / Hallwood Petroleum
PO Box 2471
Durango, CO 81302
Attention: Mike Finney

PROJECT NAME: Mason #2-4
PROJECT NUMBER: Pure Resources
SAMPLE I.D.: Marilyn Reed 121201-1 (Pre)

Sample Date: 12/12/01

Sample Matrix: Water

Laboratory Report

RESULTS

PARAMETER	METHOD	REPORT		DIL	UNITS	Maximum Contamination Level
		LIMIT	RESULT			
Alkalinity, Total	2320B	10	262	1	mg/L	
Alkalinity, Bicarbonate	2320B	10	174	1	mg/L	
Alkalinity, Carbonate	2320B	10	88	1	mg/L	
Alkalinity, Hydroxide	2320B	10	<10	1	mg/L	
Calcium	200.7	0.5	11	1	mg/L	
Chloride	4500CL	10	11	1	mg/L	
Conductivity	120.1	1.0	567	1	uS/cm	
Fluoride	4500F C	0.2	1.5	1	mg/L	4.0
Iron	200.7	0.05	<0.05	1	mg/L	
Magnesium	200.7	0.5	1.0	1	mg/L	
Nitrate/Nitrite as N	353.2	0.05	<0.05	1	mg/L	
pH	150.1	NA	8.26	NA	SU	
Potassium	200.7	0.5	0.6	1	mg/L	
Selenium	200.9	0.005	<0.005	1	mg/L	0.05
Sodium	200.7	0.5	110	1	mg/L	
Sulfate	4500SO4	10	42	1	mg/L	
TDS	160.1	10	315	1	mg/L	
Hardness	Calc	14	32	1	mg/L	
CAB	Calc		7.46		%	


John Green, Laboratory Manager

Acculabs Inc.

[] 1046 Olive Drive Davis CA 95616

[] 75 Suttle St. Durango CO 81301

[] 4663 Table Mountain Dr. Golden CO 80403

[] 992 Spice Islands Dr. Sparks NV 89431

530-757-0920 Fax 753-6091

970-247-4220 Fax 247-4227

303-277-9514 Fax 277-9512

775-355-0202 Fax 355-0817

Lab Number

7-112-036-01

Report

Due Date:

FEB 11 02

Client **FINNEY Land Company**

Fax Results Y N

Page 0000

Address **PO. Box 2471****PUBLIC WATER SUPPLY INFORMATION**City, State & Zip **Durango Co 81302**

System Name

Contact **Mike Finney**

PWS No.

Report to State/EPA Y N

Phone **259-5691**Collector's Name **John Ferguson**

POE No.

DWR No.

Fax **259-4279**Project Name **MASO N=Pure Res.**

Collection Point

P.O. Number

Project Number **# 2-4**

City

County

SAMPLE TYPE CODES

DW = drinking water TB = travel blank

Compliance

WW = waste water SD = solid

Monitoring

MW = monitoring well SO = soil

Y N

HW = hazardous waste SL = sludge

TURNAROUND TIME REQUESTED

Standard

Lab Manager

RUSH

Approval

Special

CLIENT'S SAMPLE ID/LOCATION

Date

Time

S
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sAnalyses
RequestedMay 1
NO₂ NO₃
S

Spl. No.

Instructions/Comments/Special Requirements:

SAMPLE RECEIPT

Date

Time

Samples Relinquished By

Samples Received By

Received Cold Y N

12-12-11 15:30

John Ferguson

Debbie Zupka

Custody Seals Y N

Seals Intact Y N

No. of Containers

Acculabs, Inc.'s Standard Terms and Conditions apply unless written agreements specify otherwise. Payment terms are Net 30.

To the maximum extent permitted by law, the Client agrees to limit the liability of Acculabs, Inc. for the Client's damages to the total compensation received unless other arrangements are made in writing. This limitation shall apply regardless of the cause of action or legal theory pled or asserted.

Hallwood Groundwater Monitoring
Water Well Test Report

110714
121201-1

FCG_

Marilyn Reed Pre
NAME

no

BLM_

12/12/2001

DATE

970-259-1858

TELEPHONE_

925 Oso Grande Durango, Co 81303

AddressWaterWell

same

MAILINGADD

Water Well Location and Permit Information

no

PERMIT_

WELLDEPTH

Feet

STATICWATE

unk

Feet

NE
QTRQTR

2
SECTION

34
TOWNSHP

North

9
RANGE

West

-107.81370
LONG

37.23920
LATITUDE

Mason #2-4

NUMBER

067-08667

S2 NE Sec 2 T34N R9W (NUL)

LOCATIONGA

Infill

WELLTYPE

fee

FEE_FED_TR

Field Chemistries

8.34
PH_FIELD

500
COND_FIELD

313
TDS_CALC

10.2
H2O_TEMP

Celsius

Methane Result in mg/L

<0.0004 mg/L

CH4_MG_L

Detection Limit
0.0004 mg/L

Hydrogen sulfide(HACH Test Kit Field)

<0.1 mg/L

H_2_S_MG_L

0.1 mg/L Det.Limit

San Juan Basin Health-State of Colorado Health Dept

Absent

BACTERIA_E

See attached report

Locate water well near house. water clear,no odor, no tint, no bubbles, no sand or sediment.Trace very fine sand,clear&black brittle shale in bottom 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 and run within 4 hours of collection or less than 24 hours 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 and COGCC Order Numbers 112-156 and 112-157 July 2000

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COGCC



Colorado Department
of Public Health
and Environment

LABORATORY & RADIATION SERVICES
8100 LOWRY BOULEVARD
DENVER, CO 80230-6928

US MAIL
PO BOX 17123
DENVER, CO 80217

WATER BACTERIOLOGY

R-25
MASON #2-4
1000000000

SAMPLE INFORMATION:

☐ COMMUNITY ☐ NON-COMMUNITY ☒ PRIVATE

PWS ID

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☐ ROUTINE☒ RAW☐ REPEAT FOR THE MONTH OF☐ SPECIAL PURPOSE ☐ FINISHED

NAME OF SYSTEM

MARILYN REED

CHLORINE RESIDUAL

MG/L

ADDRESS

925 OSC GRADY DEG

CITY

COUNTY

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

FEE STAMP

PHONE

NAME

LYNN FC GEO

ADDRESS

PO Box 4224

CITY / STATE / ZIP

DURANGO CO 81302

LAB 106 (07/97)

TEST ORDERED ☒ STD BACT. ☐ OTHER

DATE TIME BY
COLLECTED 12/12/01 ☒ AM 10:29

RECEIVED 12/12/01 ☐ AM ☒ PM

RESULTS: SEE REVERSE FOR EXPLANATION

TOTAL COLIFORM ☐ PRESENT ☒ ABSENT

MOST PROBABLE NO. COLIFORM/100ML

012015

☐ DENVER ☒ DURANGO ☐ GRD. JCT.

ANALYST CA

72802214-22

EXPLANATION OF RESULTS

Coliform absent: less than 1.1 (<1.1) indicates a safe sample.

Coliform present: Unsafe Sample, greater than or equal to 1 coliform per 100 ml; water should be treated and retested.

TNTC - Too Numerous To Count: The test plate contained more than 200 bacterial colonies other than coliform. Coliform bacterial growth may have been inhibited. The water supply may be unsafe. Treat and retest.

TNTC - Too Numerous To Count with coliform present: Same as above, but with coliform bacteria present. The presence of other bacteria prevents an accurate coliform count. Water supply is unsafe. Treat and retest.

Confluent Growth: The test plate was covered with bacterial growth. Coliform bacteria growth may have been inhibited. The water supply may be unsafe. Treat and retest.

Confluent Growth with Coliform Present: Same as above, but with coliform bacteria present. The presence of other bacteria prevents an accurate coliform count. Water supply is unsafe. Treat and retest.

Outdated Samples: Sample greater than 48 hours old when received. Please resample.

QNS: Quantity not sufficient for testing. Please resample.

Overfilled: Unsatisfactory, laboratory cannot process accurately. Please resample.