



02470081

05-067-08400
FINNEY LAND CO.

OIL & GAS CONSULTING

P.O. BOX 2471

DURANGO, CO 81302

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

LOC # 334422

110 6417

RECEIVED

FEB 11 02

COGCC

February 6, 2002

Cindy Winn
2312 CR 234
Durango, CO 81301

Re: Pure Resources
State #36-5 well
Post Water Well Test Results

Dear Ms. Winn;

Attached please find a copy of the test results for the water well sample that Pure Resources has taken for the above captioned well. This is to complete the State requirement Order No. 112-56 that states we re-test the well within one year of the completion.

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: Hallwood Petroleum
COGCC
La Plata County

110647

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FEB 11 02



ACCULABS, INC.

COGCC

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

Acculabs I.D.: 7-112-035-02

Date Received: 12/12/01

Date Reported: 01/18/02

QC Batches:

PROJECT NAME: State #36-5
PROJECT NUMBER: Pure Resources
SAMPLE I.D.: Cindy Winn 121201-3 (Post)


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	240	1	mg/L	4.0
Alkalinity, Bicarbonate	2320B	10	228	1	mg/L	
Alkalinity, Carbonate	2320B	10	12	1	mg/L	
Alkalinity, Hydroxide	2320B	10	<10	1	mg/L	
Calcium	200.7	0.5	64	1	mg/L	0.05
Chloride	4500CL	10	<10	1	mg/L	
Conductivity	120.1	1.0	551	1	uS/cm	
Fluoride	4500F C	0.2	0.2	1	mg/L	
Iron	200.7	0.05	<0.05	1	mg/L	0.05
Magnesium	200.7	0.5	8.1	1	mg/L	
Nitrate/Nitrite as N	353.2	0.05	0.09	1	mg/L	
pH	150.1	NA	7.24	NA	SU	
Potassium	200.7	0.5	1.0	1	mg/L	0.05
Selenium	200.9	0.005	<0.005	1	mg/L	
Sodium	200.7	0.5	34	1	mg/L	
Sulfate	4500SO4	10	59	1	mg/L	
TDS	160.1	10	305	1	mg/L	0.05
Hardness	Calc	14	193	1	mg/L	
CAB	Calc		0.73		%	


John Green Laboratory Manager

11P 647

Pure Resources Formerly
Hallwood Groundwater Monitoring
Water Well Test Report

121201-3

FCG

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FEB 11 02

COGCC

Cindy Winn Post

NAME

NO

BLM

12/12/2001

DATE

970-259-4797

TELEPHONE

2312 CR 234 Durango, CO 81301

AddressWaterWell

Same

MAILINGADD

Water Well Location and Permit Information

unavail

PERMIT

88

WELLDEPTH

Feet

32.6

STATICWATE

Feet

NE

QTRQTR

36

SECTION

35

TOWNSHP

North

9

RANGE

West

-107.79465

LONG

37.26291

LATITUDE

State #36-5

NUMBER

NE Sec 36 T35N R9W

LOCATIONGA

Infill

WELLTYPE

State

FEE_FED_TR

Field Chemistries

7.28

PH_FIELD

468

COND_FIELD

293

TDS_CALC

9.2

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

Water clear;very slight cloudy with some fine bubbles with trace white foamy stringer atop water in bucket, no dor,no tint, no 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 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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COGCG



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

To Be Billed

PURE

State 36-5

SAMPLE INFORMATION:

☐ COMMUNITY ☐ NON-COMMUNITY ☒ PRIVATE

PWS ID

--	--	--	--	--	--

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

NAME OF SYSTEM

CINCY LINN

ADDRESS

2312 CR 239 D60

CHLORINE RESIDUAL

MG/L

COUNT

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

FEE STAMP

PHONE

NAME

LYNN P FC 600

ADDRESS

PO Box 427A

CITY / STATE / ZIP

DURANGO CO 81302

LAB 106 (07/97)

TEST ORDERED ☒ STD BACT. ☐ OTHER

DATE TIME BY
COLLECTED 12/12/01 ☐ AM ☒ PM 13:30
RECEIVED 12/12/01 ☐ AM ☒ PM

RESULTS: SEE REVERSE FOR EXPLANATION

TOTAL COLIFORM ☐ PRESENT ☒ ABSENT

MOST PROBABLE NO. COLIFORM/100ML

012017

☐ DENVER ☒ DURANGO ☐ GRD. JCT.
ANALYST CA

7283214-22

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.