



02469732

05-067-08510
LOC# 326642110 709
on Red CS

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NOV 19 01



ACCULABS, INC.

COGCC

Acculabs I.D.: 7-108-099-01

Date Received: 08/27/01

Date Reported: 09/26/01

QC Batches:

Johnston Land Co
1315 Main Ave, Ste #308
Durango, CO 81301
Attention: Johnnton / Righter

PROJECT NAME: Texaco - Wheeler #22-1 Well
PROJECT NUMBER: 082701-6
SAMPLE I.D.: Ralph Wheeler, Water Well #2


Sample Date: 08/27/01

Sample Matrix: Water

Laboratory Report

RESULTS

PARAMETER	METHOD	REPORT		DIL	UNITS	DATE	
		LIMIT	RESULT			ANALYZED	ANALYST
Alkalinity, Total	2320B	10	410	1	mg/L		
Alkalinity, Bicarbonate	2320B	10	410	1	mg/L		
Alkalinity, Carbonate	2320B	10	<10	1	mg/L		
Alkalinity, Hydroxide	2320B	10	<10	1	mg/L		
Calcium	200.7	0.5	19.6	1	mg/L		
Chloride	4500CL	10	11	1	mg/L		
Conductivity	120.1	1.0	1070	1	uS/cm		
Fluoride	4500F C	0.2	0.5	1	mg/L		
Iron	200.7	0.05	0.05	1	mg/L		
Magnesium	200.7	0.5	2.9	1	mg/L		
Nitrate/Nitrite as N	353.2	0.05	<0.05	1	mg/L		
pH	150.1	NA	7.55	NA	SU		
Potassium	200.7	0.5	0.8	1	mg/L		
Selenium	3114B	0.001	<0.001	1	mg/L		
Sodium	200.7	0.5	202	1	mg/L		
Sulfate	4500SO4	10	200	1	mg/L		
TDS	160.1	10	655	1	mg/L		
Hardness	Calc	14	61	1	mg/L		
CAB	Calc		5.62		%		


John Green, Laboratory Manager



LABORATORY & RADIATION SERVICES
6100 LOWRY BOULEVARD
DENVER, CO 80230-6928

US MAIL
PO BOX 17123
DENVER, CO 80217

WATER BACTERIOLOGY

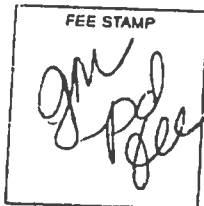
Whiskey 2
PAID

SAMPLE INFORMATION:

☐ COMMUNITY ☐ NON-COMMUNITY ☐ PRIVATE
PWS ID ☐ ROUTINE ☐ RAW ☐ REPEAT FOR THE MONTH OF
☐ SPECIAL PURPOSE ☐ FINISHED
NAME OF SYSTEM *Ralph Wheeler #2* CHLORINE RESIDUAL _____ MG/L

ADDRESS _____ CITY _____ COUNTY _____

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



LAB 106 (07/97)

PHONE _____
NAME *John FCGed*
ADDRESS *PO Box 4224*
CITY / STATE / ZIP *Denver CO 80302*

TEST ORDERED ☒ STD BACT. ☐ OTHER _____

DATE TIME BY
COLLECTED *8/27/01* *8:16:00* AM
RECEIVED *8/28/01* *8:30* PM

RESULTS: SEE REVERSE FOR EXPLANATION

TOTAL COLIFORM ☒ PRESENT ☐ ABSENT

MOST PROBABLE NO. _____ COLIFORM/100 ML

urbid E. coli present
010816

☐ DENVER ☒ DURANGO ☐ GRD. JCT.
ANALYST *Ca*

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.

INTC - 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.

INTC - 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.

Overloaded: Unsatisfactory. Laboratory cannot process accurately. Please resample.

Texaco Exploration & Production Company
Groundwater Monitoring Water Well Test

082701-6

FCG_

Ralph Wheeler Water-Well #2 Pre

NAME

NO

BLM_

8/27/2001

DATE

970-247-4418

TELEPHONE_

Indian Creek Canyon per righter

AddressWaterWell

11249 CR 213 Durango, CO 81303

MAILINGADD

Water Well Location and Permit Information

31175

UNK

PERMIT_

51

WELLDEPTH

Feet

50

STATICWATE

Feet

NESW

QTRQTR

22

SECTION

34

TOWNSHP

North

10

RANGE

West

No rd

LONG

No rd

LATITUDE

Wheeler #22-1 well

NUMBER

067-08510

NESW Sec 22 T34N R10W (SUL)

LOCATIONGA

Infill

WELLTYPE

Fee

FEE_FED_TR

Field Chemistries

7.97

PH_FIELD

1089

COND_FIELD

681

TDS_CALC

16

H2O_TEMP

Celsius

Methane Result in mg/L

NO

ISOTOPE

0.25 mg/L

CH4_MG_L

Detection Limit

0.0004 mg/L

Hydrogen sulfide(HACH Test Kit Field)

>2.0 m/L

H_2_S_MG_L

0.1 mg/L Det.Limit

San Juan Basin Health-State of Colorado Health Dept

E.coli Present

BACTERIA_E

See attached report

Dennis Lee pumping old well over night. Well not pumped 12yrs per Lee. Water grey, turbid, opaque (shale & clay) No bubbles Strong H2s odor.

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

- ① NOR S U L
② API # & NAME
③ LAT/LONG FOR WHEELER #2

JOHNSTON LAND COMPANY, INC.

RECEIVED

NOV 19 01

COGCC

1315 Main Ave, Suite 308
Durango, CO 81301
970/247-3157
970/259-8027 (fax)
johnstonland@frontier.net

TEXACO = \$6900

November 15, 2001

Debbie Baldwin
Colorado Oil & Gas Conservation Commission
1120 Lincoln Street, Suite 801
Denver, CO 80203

Re: Argenta 3 - No. 2 Well

NW1/4NE1/4 05-067-08490
Section 3
Township 33 North SUL
Range 10 West, N.M.P.M.

Wheeler #22-1 Well

NE1/4SW1/4 05-067-08510
Section 22 SUL
Township 34 North
Range 10 West, N.M.P.M. FOURSTAR

Wheeler #13-4 Well

? FARMINGTON 13-4
NW1/4NE1/4 05-067-08647
Section 13
Township 34 North
Range 10 West, N.M.P.M. BENEREST

SUL


Dear Debbie:

In accordance with the provisions of COGCC Order No. 112-157, enclosed are the test results for water well testing associated with the referenced wells.

We have also provided copies of the water well test results to the landowners and to La Plata County.

Very truly yours,

Johnston Land Company, Inc.

By: 
Robert K. Johnston, President of Johnston Land Company, Inc.,
Contract Land and Right of Way Consulting Company for
Texaco Exploration and Production, Inc.
enc.

cc: W. Philip Schreiner
Arthur D. Archibeque

Right of Way, Mineral and Energy Land Management Services