



02470098

PETROX

110 712

05-067-08670

Loc # 334038

FINNEY LAND CO.

OIL & GAS CONSULTING

P.O. BOX 2471

DURANGO, CO 81302

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

RECEIVED

FEB 11 02

COGCC

February 6, 2002

Ray & Gen Duell
1019 CR 330
Ignacio, CO 81137

Re: Petrox Resources, Inc.
Duel 32-6; #5-1
Water Well Test Results

Dear Mr. & Mrs. Duell;

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 Duell 32-6; #5-1 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

110712

Petrox Groundwater Monitoring
Water Well Field Data Results

RECEIVED

Ray & Gen Duell Pre 12/4/2001 no 120401-4 2201211 02
NAME DATE BLM_ FCG_ Permit#
1019 CR 330 Ignacio, CO 81137 same
AddressWaterWell MAILINGADD 970-883-2468
TELEPHONE_

Water Well Location and Permit Information
130 Feet 40 400E400N
WELLDEPTH STATICWATE FTG
-107.51510 37.05268
LONG LATITUDE
Garmin GPS Decimal Degrees
NENE 5 32 North 6 West
QTRQTR SECTION TOWNSHP RANGE

Duell 32-6;#5-1 NE Sec 5 T32N R6W
NUMBER 067-08670 LocationGasWell

Field Chemistries

8.14 920 575 10.6
PH_FIELD COND_FIELD TDS_CALC H2O_TEMP Celsius

Water samples were collected and delivered to Acculab Laboratory by Four Corner Geoscience visit. Results will be mailed to you upon completion of analysis. Refer to "How Well do you Know Your Water Well" Booklet given to you at the time of water test for interpretation

Methane Result in mg/L <0.0004 mg/L Detection Limit 0.0004 mg/L
CH4_MG_L

Hydrogen sulfide(HACH Test Kit Field) <0.1 mg/L Detection Limit 0.1 mg/L
H_2_S_MG_L

San Juan Basin Health-State of Colorado Health Dept Test

Absent
BACTERIA_E

Water clear with slight yellow tint& Fe odor initially;then decreasing.At end no odor,no tint,no bubbles,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 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 per colorado Oil and Gas Conservation Commission Order # 112-156 and 112-157 established in July 2000.

~~SECRET~~ 1 02



POHAY
Duell 32-6 5-1

TEST ORDERED ☒ STD BACT. ☐ OTHER

011540

☐ DENVER ☒ DURANGO ☐ GRD. JCT.

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

110 712

RECEIVED

FEB 11 02

COGCC



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

Acculabs I.D.: 7-112-010-01

Date Received: 12/05/01

Date Reported: 01/18/02

QC Batches:

PROJECT NAME: Duell 32-6
PROJECT NUMBER: #5-1
SAMPLE I.D.: Ray & Gen Duell


Sample Date: 12/04/01

Sample Matrix: Water

Laboratory Report

RESULTS

PARAMETER	METHOD	REPORT		DIL	UNITS	Maximum Contamination Level
		LIMIT	RESULT			
Alkalinity, Total	2320B	10	344	1	mg/L	4.0
Alkalinity, Bicarbonate	2320B	10	328	1	mg/L	
Alkalinity, Carbonate	2320B	10	16	1	mg/L	
Alkalinity, Hydroxide	2320B	10	<10	1	mg/L	
Calcium	200.7	0.5	18	1	mg/L	0.05
Chloride	4500CL	10	15	1	mg/L	
Conductivity	120.1	1.0	1070	1	uS/cm	
Fluoride	4500F C	0.2	1.6	1	mg/L	
Iron	200.7	0.05	<0.05	1	mg/L	0.05
Magnesium	200.7	0.5	2.7	1	mg/L	
Nitrate/Nitrite as N	353.2	0.05	0.09	1	mg/L	
pH	150.1	NA	8.05	NA	SU	
Potassium	200.7	0.5	0.9	1	mg/L	0.05
Selenium	200.9	0.005	<0.005	1	mg/L	
Sodium	200.7	0.5	210	1	mg/L	
Sulfate	4500SO4	10	209	1	mg/L	
TDS	160.1	10	705	1	mg/L	0.05
Hardness	Calc	14	56	1	mg/L	
CAB	Calc		2.39		%	


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

RECEIVED

Lab Number

7-112-010-01

Report

Due Date:

FEB 11 02

COGCC

Client Finney Land Co (Patriot)Fax Results ☒ Y ☐ NPage of Address P.O. Box 2471**PUBLIC WATER SUPPLY INFORMATION**City, State & Zip Durango CO 81302

System Name

Contact Mike Finney

PWS No.

Report to State/EPA ☐ Y ☒ NPhone 259 5691Collector's Name Lynn Feltz

POE No.

DWR No.

Fax

Project Name DUELL 32-6

Collection Point

P.O. Number

Project Number # 5-1

City

County

SAMPLE TYPE CODES

DW = drinking water TB = travel blank
 WW = waste water SD = solid
 MW = monitoring well SO = soil
 HW = hazardous waste SL = sludge

Compliance
 Monitoring
 Y N

TURNAROUND TIME REQUESTED

Standard

RUSH

Special

Lab Manager
 Approval

S
a
m
p
l
e
T
y
p
eC
o
n
t
a
i
n
e
r
s

Analyses
 Requested

PL 1
 NO 2
 NO 3
 S

CLIENT'S SAMPLE ID/LOCATION

Date

Time

RAYGEN DUELL12/4/01 1400 DW3✓ ✓ ✓

Spl. No.

01

Instructions/Comments/Special Requirements:

SAMPLE RECEIPT

Date

Time

Samples Relinquished By

Samples Received By

Received Cold ☒ Y ☐ N12/5/01 1432Raygen FCBDeldin ZupeltCustody Seals ☐ Y ☐ NSeals 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.