

"C-20"

State of Colorado  
Oil and Gas Conservation Commission



1120 Lincoln Street, Suite 801, Denver, Colorado 80203 (303)894-2100 Fax:(303)894-2109

FOR OGCC USE ONLY

**SOURCE OF PRODUCED WATER FOR DISPOSAL**

This form must be completed for any new disposal site and for any change in sources of produced water for an existing disposal site.

Complete the  
Attachment Checklist

OGCC Operator Number: <u>10091</u>	Contact Name and Telephone: <u>Chris Freeman</u>
Name of Operator: <u>Berry Petroleum Company</u>	No: <u>303-999-4400</u>
Address: <u>1999 Broadway, Suite 3700</u>	Fax: <u>303-999-4401</u>
City: <u>Denver</u> State: <u>CO</u> Zip: <u>80202</u>	

	Oper	OGCC
Chemical Analysis of fluid	X	

OGCC Disposal Facility Number: <u>N/A, in Utah</u>	Operator's Disposal Facility Number: <u>N/A</u>
Location (QtrQtr, Sec, Twp, Rng, Meridian): <u>SWSW 1/4, Sec. 8, T 20 South, R 24 East.</u>	
Address: <u>510 South, 600 East</u>	
City: <u>Salt Lake City</u> State: <u>UT</u> Zip: <u>84102</u> County: <u>Grand</u>	

If more space is required,  
attach additional sheet.

Add Source: OGCC Lease No: 335621 API No: See attached sheet Well Name & No: See attached sheet  
☒ Operator Name: Berry Petroleum Company Operator No: 10091

Delete Source: Location: QtrQtr: NE NW Section: 20 Township: 5 South Range: 96 West Producing Formation: Williams Fork  
☐ Analysis Attached? ☒ Yes ☐ No Transported to disposal site via: ☐ Pipeline ☒ Truck TDS: 15,000 mg/l

Add Source: OGCC Lease No: \_\_\_\_\_ API No: \_\_\_\_\_ Well Name & No: \_\_\_\_\_  
☐ Operator Name: \_\_\_\_\_ Operator No: \_\_\_\_\_

Delete Source: Location: QtrQtr: \_\_\_\_\_ Section: \_\_\_\_\_ Township: \_\_\_\_\_ Range: \_\_\_\_\_ Producing Formation: \_\_\_\_\_  
☐ Analysis Attached? ☐ Yes ☐ No Transported to disposal site via: ☐ Pipeline ☐ Truck TDS: \_\_\_\_\_

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☐ Operator Name: \_\_\_\_\_ Operator No: \_\_\_\_\_

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☐ Operator Name: \_\_\_\_\_ Operator No: \_\_\_\_\_

Delete Source: Location: QtrQtr: \_\_\_\_\_ Section: \_\_\_\_\_ Township: \_\_\_\_\_ Range: \_\_\_\_\_ Producing Formation: \_\_\_\_\_  
☐ Analysis Attached? ☐ Yes ☐ No Transported to disposal site via: ☐ Pipeline ☐ Truck TDS: \_\_\_\_\_

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct, and complete.

Print Name: Chris Freeman

Signed: [Signature]

Title: Environmental Manager

Date: 12/4/09

OGCC Approved: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

## COGIS - LOCATION Information



### CHEVRON-65S96W - #335621 Information

**Status: AC**Location ID: **335621**Location Name/No: **CHEVRON-65S96W /20NENW**Location Status: **AC**Status Date: **4/14/2009**Operator Name: **BERRY PETROLEUM COMPANY** Operator Number: **10091**County: **GARFIELD - #045**Location: **NENW 20 5S 96W**Lat/Long: **39.606006/-108.195219**Facility Type: **LOCATION**

#### Facility Well(s)

API Number: **05-045-09079**Operator Name: **BERRY PETROLEUM COMPANY**Well Status: **PR**API Number: **05-045-12652**Operator Name: **BERRY PETROLEUM COMPANY**Well Status: **PR**API Number: **05-045-12653**Operator Name: **BERRY PETROLEUM COMPANY**Well Status: **PR**API Number: **05-045-12654**Operator Name: **BERRY PETROLEUM COMPANY**Well Status: **PR**API Number: **05-045-12655**Operator Name: **BERRY PETROLEUM COMPANY**Well Status: **SI**API Number: **05-045-12656**Operator Name: **BERRY PETROLEUM COMPANY**Well Status: **PR**



12065 Lebanon Rd.  
Mt. Juliet, TN 37122  
(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

# REPORT OF ANALYSIS

Dave Nicholson  
Berry Petroleum Company - Denver, C  
1999 Broadway, Suite 3700  
Denver, CO 80202

November 10, 2009

Date Received : November 07, 2009  
Description :

ESC Sample # : L431038-20

Sample ID : C-20-PW

Site ID :

Collected By : Dave Nicholson  
Collection Date : 11/05/09 16:48

Project # : 407-36

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Bromide	73.	1.0	mg/l	9056	11/07/09	1
Chloride	8700	100	mg/l	9056	11/08/09	100
Fluoride	BDL	10.	mg/l	9056	11/08/09	100
Nitrate	0.26	0.10	mg/l	9056	11/07/09	1
Nitrite	BDL	0.10	mg/l	9056	11/07/09	1
Sulfate	BDL	5.0	mg/l	9056	11/07/09	1
Alkalinity	610	200	mg/l	2320B	11/09/09	10
Alkalinity, Bicarbonate	610	20.	mg/l	2320B	11/09/09	1
Alkalinity, Hydroxide	BDL	20.	mg/l	2320B	11/09/09	1
pH	6.4		su	9040C	11/10/09	1
Phosphate, Ortho	0.34	0.050	mg/l	4500P-E	11/07/09	2
Specific Conductance	24000		umhos/cm	9050A	11/09/09	1
Dissolved Solids	15000	10.	mg/l	2540C	11/10/09	1
Calcium, Dissolved	200	0.50	mg/l	6010B	11/10/09	1
Iron, Dissolved	39.	0.10	mg/l	6010B	11/10/09	1
Magnesium, Dissolved	20.	0.10	mg/l	6010B	11/10/09	1
Manganese, Dissolved	0.87	0.010	mg/l	6010B	11/10/09	1
Potassium, Dissolved	100	0.50	mg/l	6010B	11/10/09	1
Selenium, Dissolved	BDL	0.020	mg/l	6010B	11/10/09	1
Sodium, Dissolved	5400	2.5	mg/l	6010B	11/10/09	5
Benzene	8.6	0.10	mg/l	8021B	11/10/09	200
Toluene	18.	1.0	mg/l	8021B	11/10/09	200
Ethylbenzene	0.76	0.0050	mg/l	8021B	11/08/09	10
Total Xylene	10.	0.30	mg/l	8021B	11/10/09	200
Surrogate Recovery (%)						
a, a, a-Trifluorotoluene (PID)	96.4		% Rec.	8021B	11/08/09	10

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

The reported analytical results relate only to the sample submitted.

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Reported: 11/10/09 16:41 Printed: 11/10/09 16:42

L431038-20 (PH) - 6.4@19.7c