

"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: N/A, in Utah

Operator's Disposal Facility Name: Danish Flats Operator's Disposal Facility Number: N/A

Location (QtrQtr, Sec, Twp, Rng, Meridian): SWSW 1/4, Sec. 8, T 20 South, R 24 East.

Address: 510 South, 600 East

City: Salt Lake City State: UT Zip: 84102 County: Grand

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: _____

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: _____

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: _____

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: _____

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: _____

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: <u>05-045-09079</u>	Operator Name: BERRY PETROLEUM COMPANY
Well Status: PR	

API Number: <u>05-045-12652</u>	Operator Name: BERRY PETROLEUM COMPANY
Well Status: PR	

API Number: <u>05-045-12653</u>	Operator Name: BERRY PETROLEUM COMPANY
Well Status: PR	

API Number: <u>05-045-12654</u>	Operator Name: BERRY PETROLEUM COMPANY
Well Status: PR	

API Number: <u>05-045-12655</u>	Operator Name: BERRY PETROLEUM COMPANY
Well Status: SI	

API Number: <u>05-045-12656</u>	Operator Name: BERRY PETROLEUM COMPANY
Well Status: PR	



YOUR LAB OF CHOICE

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 :
 Sample ID : C-20-PW
 Collected By : Dave Nicholson
 Collection Date : 11/05/09 16:48

ESC Sample # : L431038-20

Site ID :

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.
 This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 11/10/09 16:41 Printed: 11/10/09 16:42
 L431038-20 (PH) - 6.4@19.7c