

"I-19"

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

Chemical Analysis of fluid	Oper	OGCC

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: 335869 API No: See attached sheet Well Name & No: See attached sheet
☒ Operator Name: Berry Petroleum Company Operator No: 10091

Delete Source: Location: QtrQtr: NESE Section: 19 Township: 5 South Range: 96 West Producing Formation: Williams Fork
☐ Analysis Attached? ☐ Yes ☐ No Transported to disposal site via: ☐ Pipeline ☒ Truck TDS: 16,000 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:

Title: Environmental Manager

Date: 12/4/09

OGCC Approved: Title: Date:

CONDITIONS OF APPROVAL, IF ANY:

COGIS - LOCATION Information

 Related GIS Doc

CHEVRON-65S96W - #335869 Information

Status: ACLocation ID: **335869**Location Name/No: **CHEVRON-65S96W /19NESE**Location Status: **AC**Status Date: **4/14/2009**Operator Name: **BERRY PETROLEUM COMPANY** Operator Number: **10091**County: **GARFIELD - #045**Location: **NESE 19 5S 96W**Lat/Long: **39.600058/-108.204013**Facility Type: **LOCATION**

Facility Well(s)

API Number: **05-045-12657**Operator Name: **BERRY PETROLEUM COMPANY**Well Status: **XX**API Number: **05-045-12658**Operator Name: **BERRY PETROLEUM COMPANY**Well Status: **XX**API Number: **05-045-12695**Operator Name: **BERRY PETROLEUM COMPANY**Well Status: **PR**API Number: **05-045-12696**Operator Name: **BERRY PETROLEUM COMPANY**Well Status: **PR**API Number: **05-045-12697**Operator Name: **BERRY PETROLEUM COMPANY**Well Status: **XX**API Number: **05-045-12698**Operator Name: **BERRY PETROLEUM COMPANY**Well Status: **PR**API Number: **05-045-14299**Operator Name: **BERRY PETROLEUM COMPANY**Well Status: **PR**API Number: **05-045-14697**Operator Name: **BERRY PETROLEUM COMPANY**Well Status: **XX**



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

November 10, 2009

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

ESC Sample # : L431038-19

Date Received : November 07, 2009
Description :

Site ID :

Sample ID : I-19-PW

Project # : 407-36

Collected By : Dave Nicholson
Collection Date : 11/05/09 16:02

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Bromide	80.	10.	mg/l	9056	11/07/09	10
Chloride	9500	100	mg/l	9056	11/08/09	100
Fluoride	BDL	0.20	mg/l	9056	11/08/09	2
Nitrate	BDL	1.0	mg/l	9056	11/07/09	10
Nitrite	BDL	1.0	mg/l	9056	11/07/09	10
Sulfate	BDL	10.	mg/l	9056	11/08/09	2
Alkalinity	710	200	mg/l	2320B	11/09/09	10
Alkalinity, Bicarbonate	710	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	0.15	0.050	mg/l	4500P-E	11/07/09	2
Specific Conductance	26000		umhos/cm	9050A	11/09/09	1
Dissolved Solids	16000	10.	mg/l	2540C	11/10/09	1
Calcium, Dissolved	150	0.50	mg/l	6010B	11/09/09	1
Iron, Dissolved	48.	0.10	mg/l	6010B	11/09/09	1
Magnesium, Dissolved	14.	0.10	mg/l	6010B	11/09/09	1
Manganese, Dissolved	0.62	0.010	mg/l	6010B	11/09/09	1
Potassium, Dissolved	81.	0.50	mg/l	6010B	11/09/09	1
Selenium, Dissolved	BDL	0.020	mg/l	6010B	11/09/09	1
Sodium, Dissolved	5800	5.0	mg/l	6010B	11/09/09	10
Benzene	6.8	0.10	mg/l	8021B	11/10/09	200
Toluene	13.	1.0	mg/l	8021B	11/10/09	200
Ethylbenzene	0.71	0.0050	mg/l	8021B	11/08/09	10
Total Xylene	9.5	0.30	mg/l	8021B	11/10/09	200
Surrogate Recovery(%)						
a,a,a-Trifluorotoluene (PID)	96.3		% 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
L431038-19 (PH) - 6.4@19.5c