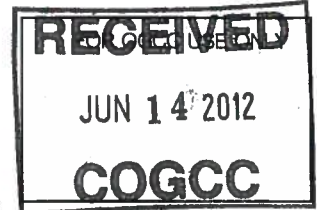


# State of Colorado Oil and Gas Conservation Commission

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



## 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>10275A</u>	Contact Name and Telephone: <u>Loni Davis</u>
Name of Operator: <u>Augustus Energy Partners, LLC</u>	No: <u>970-332-3585</u>
Address: <u>P. O. Box 250</u>	Fax: <u>970-332-3587</u>
City: <u>Wray,</u> State: <u>CO</u> Zip: <u>80758</u>	

Oper. OGCC	
Chemical Analysis of fluid	<input checked="" type="checkbox"/>

OGCC Disposal Facility Number: <u>159209</u>	Operator's Disposal Facility Number: <u>02-33X 1N46W</u>
Operator's Disposal Facility Name: <u>Fletcher WDW</u>	
Location (QtrQtr, Sec, Twp, Rng, Meridian): <u>NENW/4, Sec 33 T1N-R46W, 6th Pm</u>	
Address: _____	
City: _____	State: _____ Zip: _____ County: _____

If more space is required,  
attach additional sheet.

Add Source: OGCC Lease No: \_\_\_\_\_ API No: 05-125-11810 Well Name & No: McCall 23-09 1N46W  
☒ Operator Name: Augustus Energy Partners, LLC Operator No: 10275  
Delete Source: Location: QtrQtr: NESW Section: 9 Township: 1N Range: 46W Producing Formation: NBRW  
☐ Analysis Attached? ☒ Yes ☐ No Transported to disposal site via: ☒ Pipeline ☐ Truck TDS: 15956.4

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: \_\_\_\_\_

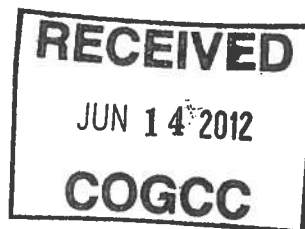
I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct, and complete.

Print Name: Loni J. Davis Signed: Loni J. Davis

Title: Operations Accounting and Regulatory Specialist Date: 06/13/12

OGCC Approved: ACE for Steve Lindblom Title: EPS II Eastern Co Date: 06/18/2012

CONDITIONS OF APPROVAL, IF ANY:



Rocky Mountain Region  
 1675 Broadway, Suite 1500  
 Denver, CO 80202  
 (303) 573-2772

Lab Team Leader - Sheila Hernandez  
 (432) 495-7240

## Water Analysis Report by Baker Petrolite

Company:	AUGUSTUS ENERGY	Sales RDT:	44640
Region:	ROCKY MOUNTAINS	Account Manager:	CURT LAPP (970) 630-9347
Area:	WRAY, CO	Sample #:	603025
Lease/Platform:	McCALL UNIT	Analysis ID #:	121006
Entity (or well #):	23-09	Analysis Cost:	\$90.00
Formation:	UNKNOWN		
Sample Point:	BLEEDER		

Summary		Analysis of Sample 603025 @ 75 °F					
Sampling Date:	05/23/12	Anions	mg/l	meq/l	Cations	mg/l	meq/l
Analysis Date:	06/04/12	Chloride:	8406.0	237.1	Sodium:	5748.0	250.03
Analyst:	STACEY SMITH	Bicarbonate:	1537.0	25.19	Magnesium:	45.0	3.7
TDS (mg/l or g/m3):	15956.4	Carbonate:	0.0	0.	Calcium:	128.0	6.39
Density (g/cm3, tonne/m3):	1.012	Sulfate:	3.0	0.06	Strontium:	15.0	0.34
Anion/Cation Ratio:	1	Phosphate:			Barium:	19.0	0.28
Carbon Dioxide:		Borate:			Iron:	19.0	0.69
Oxygen:		Silicate:			Potassium:	36.0	0.92
Comments:		Hydrogen Sulfide:			Aluminum:		
		pH at time of sampling:			Chromium:		
		pH at time of analysis:		7.9	Copper:		
		pH used in Calculation:		7.9	Lead:		
					Manganese:	0.400	0.01
					Nickel:		

Conditions		Values Calculated at the Given Conditions - Amounts of Scale in lb/1000 bbl										
Temp	Gauge Press.	Calcite CaCO <sub>3</sub>		Gypsum CaSO <sub>4</sub> *2H <sub>2</sub> O		Anhydrite CaSO <sub>4</sub>		Celestite SrSO <sub>4</sub>		Barite BaSO <sub>4</sub>		CO <sub>2</sub> Press
°F	psi	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount	psi
80	0	1.13	67.62	-3.69	0.00	-3.75	0.00	-2.83	0.00	0.38	1.38	0.22
100	0	1.15	73.83	-3.71	0.00	-3.71	0.00	-2.82	0.00	0.22	1.03	0.35
120	0	1.17	79.69	-3.72	0.00	-3.64	0.00	-2.80	0.00	0.09	0.34	0.55
140	0	1.21	85.21	-3.73	0.00	-3.55	0.00	-2.77	0.00	-0.01	0.00	0.82

Note 1: When assessing the severity of the scale problem, both the saturation index (SI) and amount of scale must be considered.

Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the five scales.

Note 3: The reported CO2 pressure is actually the calculated CO2 fugacity. It is usually nearly the same as the CO2 partial pressure.