

# State of Colorado Oil and Gas Conservation Commission

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



OGCC RECEPTION

Receive Date:

**08/27/2020**

Document Number:

**402476026**

## ANALYTICAL SAMPLE DATA SUBMITTAL FORM

### Uses of Ground Water Sampling Form

Submit a New Water Quality Sample Location to the COGCC for rules 317B, 318A.5, 608, 609.d(3)., Condition of approval, or other reason.

Submit a New Water Quality Sample to the COGCC for rules 317B, 318A.5, 608, 609.d(3)., Condition of approval, or other reason.

### Operator Information

OGCC Operator Number: 10459 Contact Person: Josh Carlisle  
Company Name: EXTRACTION OIL & GAS INC Phone: (303) 618-0003  
Address: 370 17TH STREET SUITE 5300 Fax: ( )  
City: DENVER State: CO Zip: 80202 Email: jcarlisle@extractionog.com

### Well/Facility Information

API Number: 05 - 123-13226 OGCC Facility ID: 245431  
Well/Facility Name: FERGUSON Well/Facility Number: 43-35  
Location QtrQtr: NESE Section: 35 Township: 5N Range: NESE Meridian: 6  
County: WELD Field Name: \_\_\_\_\_  
Federal, Indian or State Lease Number: \_\_\_\_\_

### Information Submitted By:

Company Name: Apex Companies, LLC Agent Name: Heather Shideman Title: Environmental Scientist  
Phone Number: 307-620-0117 Email: heather.shideman@apexcos.com

### Sample Location Information:

The following Sample Locations have been reviewed by COGCC Staff:

Facility ID: <u>754565</u>	Facility Name: <u>8905MW-3</u>	Facility Type: <u>Ground Water</u>
Location: QtrQtr: <u>NESE</u>	Sec: <u>35</u>	Twp: <u>5N</u> Range: <u>65W</u> Meridian: <u>6</u>
County Name: <u>WELD</u>	Latitude: <u>40.353620</u>	Longitude: <u>-104.622040</u>
Facility ID: <u>754563</u>	Facility Name: <u>8905MW-1A</u>	Facility Type: <u>Ground Water</u>
Location: QtrQtr: <u>NESE</u>	Sec: <u>35</u>	Twp: <u>5N</u> Range: <u>65W</u> Meridian: <u>6</u>
County Name: <u>WELD</u>	Latitude: <u>40.353650</u>	Longitude: <u>-104.622930</u>
Facility ID: <u>755481</u>	Facility Name: <u>8905MW-5</u>	Facility Type: <u>Groundwater</u>
Location: QtrQtr: <u>NESE</u>	Sec: <u>35</u>	Twp: <u>5N</u> Range: <u>65W</u> Meridian: <u>6</u>
County Name: <u>WELD</u>	Latitude: <u>40.353926</u>	Longitude: <u>-104.622540</u>
Facility ID: <u>754564</u>	Facility Name: <u>8905MW-2</u>	Facility Type: <u>Ground Water</u>
Location: QtrQtr: <u>NESE</u>	Sec: <u>35</u>	Twp: <u>5N</u> Range: <u>65W</u> Meridian: <u>6</u>
County Name: <u>WELD</u>	Latitude: <u>40.354070</u>	Longitude: <u>-104.623180</u>
Facility ID: <u>755482</u>	Facility Name: <u>8905MW-4</u>	Facility Type: <u>Groundwater</u>
Location: QtrQtr: <u>NESE</u>	Sec: <u>35</u>	Twp: <u>5N</u> Range: <u>65W</u> Meridian: <u>6</u>
County Name: <u>WELD</u>	Latitude: <u>0.000000</u>	Longitude: <u>0.000000</u>

### Sample Information:

The following Sample Information has been reviewed by the COGCC:

Batch ID: 82348	Document Name: 8905MW_3	File Name: XOG_GW_GWA_Ferguson_43_35_06-24-2020_8905MW_3_COGCC.xls
SampleType: _____		Matrix: _____
Facility ID: 754565	Sample ID: 618187	Sample Name: GW_8905MW_3
Collection Point: MW	Matrix: WATER	Pre Post: Remediation
Project Number: _____	Remediation Number: 8905	Complaint Number: _____
Inspection Number: _____	Spill Number: _____	Laboratory: Summit Scientific
		Lab Sample ID: 2006303-01
Batch ID: 82353	Document Name: 8905MW_5_Energy	File Name: XOG_GW_GWA_Ferguson_43_35_06-24-2020_8905MW_5_Energy_COGCC.xls
SampleType: _____		Matrix: _____
Facility ID: 754481	Sample ID: 618192	Sample Name: GW_8905MW_5
Collection Point: MW	Matrix: WATER	Pre Post: Remediation
Project Number: _____	Remediation Number: 8905	Complaint Number: _____
Inspection Number: _____	Spill Number: _____	Laboratory: ENERGYLAB
		Lab Sample ID: G20060556-001A
Batch ID: 82347	Document Name: 8905MW_2_Energy	File Name: XOG_GW_GWA_Ferguson_43_35_06-23-2020_8905MW_2_Energy_COGCC.xls
SampleType: _____		Matrix: _____
Facility ID: 754564	Sample ID: 618186	Sample Name: GW_8905MW_2
Collection Point: MW	Matrix: WATER	Pre Post: Remediation
Project Number: _____	Remediation Number: 8905	Complaint Number: _____
Inspection Number: _____	Spill Number: _____	Laboratory: ENERGYLAB
		Lab Sample ID: G20060504-001A
Batch ID: 82342	Document Name: 8905MW_1A	File Name: XOG_GW_GWA_Ferguson_43_35_06-23-2020_8905MW_1A_COGCC.xls
SampleType: _____		Matrix: _____
Facility ID: 754563	Sample ID: 618179	Sample Name: BW_8905MW_1A
Collection Point: MW	Matrix: WATER	Pre Post: Remediation
Project Number: _____	Remediation Number: 8905	Complaint Number: _____
Inspection Number: _____	Spill Number: _____	Laboratory: Summit Scientific
		Lab Sample ID: 2006291-01
Batch ID: 82350	Document Name: 8905MW_4	File Name: XOG_GW_GWA_Ferguson_43_35_06-23-2020_8905MW_4_COGCC.xls
SampleType: _____		Matrix: _____
Facility ID: 754482	Sample ID: 618189	Sample Name: BW_8905MW_4
Collection Point: MW	Matrix: WATER	Pre Post: Remediation
Project Number: _____	Remediation Number: 8905	Complaint Number: _____
Inspection Number: _____	Spill Number: _____	Laboratory: Summit Scientific
		Lab Sample ID: 2006293-01
Batch ID: 82345	Document Name: 8905MW_1A_Energy	File Name: XOG_GW_GWA_Ferguson_43_35_06-23-2020_8905MW_1A_COGCC.xls
SampleType: _____		Matrix: _____
Facility ID: 754563	Sample ID: 618184	Sample Name: GWA_Ferguson_43_35
Collection Point: Mun	Matrix: WATER	Pre Post: Remediation
Project Number: _____	Remediation Number: 8905	Complaint Number: _____
Inspection Number: _____	Spill Number: _____	Laboratory: Summit Scientific
		Lab Sample ID: 2006291-01

Batch ID: 82349		Document Name: 8905MW_3_Energy		File Name: XOG_GW_GWA_Ferguson_43_35_06-24-2020_8905MW_3_Energy_COGCC.xls	
SampleType: _____			Matrix: _____		
Facility ID: 754565	Sample ID: 618188	Sample Name: GW_8905MW_3		Sample Date: 06/24/2020	
Collection Point: MW	Matrix: WATER	Pre Post: Remediation			
Project Number: _____	Remediation Number: 8905	Complaint Number: _____	NOAV Number: _____		
Inspection Number: _____	Spill Number: _____	Laboratory: ENERGYLAB	Lab Sample ID: G20060555-001A		

  

Batch ID: 82352		Document Name: 8905MW_5		File Name: XOG_GW_GWA_Ferguson_43_35_06-24-2020_8905MW_5_COGCC.xls	
SampleType: _____			Matrix: _____		
Facility ID: 755481	Sample ID: 618191	Sample Name: GW_8905MW_5		Sample Date: 06/24/2020	
Collection Point: MW	Matrix: WATER	Pre Post: Remediation			
Project Number: _____	Remediation Number: 8905	Complaint Number: _____	NOAV Number: _____		
Inspection Number: _____	Spill Number: _____	Laboratory: Summit Scientific	Lab Sample ID: 2006302-01		

  

Batch ID: 82351		Document Name: 8905MW_4_Energy		File Name: XOG_GW_GWA_Ferguson_43_35_06-23-2020_8905MW_4_Energy_COGCC.xls	
SampleType: _____			Matrix: _____		
Facility ID: 755482	Sample ID: 618190	Sample Name: GW_8905MW_4		Sample Date: 06/23/2020	
Collection Point: MW	Matrix: WATER	Pre Post: Remediation			
Project Number: _____	Remediation Number: 8905	Complaint Number: _____	NOAV Number: _____		
Inspection Number: _____	Spill Number: _____	Laboratory: ENERGYLAB	Lab Sample ID: G20060503-001A		

  

Batch ID: 82346		Document Name: 8905MW_2		File Name: XOG_GW_GWA_Ferguson_43_35_06-23-2020_8905MW_2_COGCC.xls	
SampleType: _____			Matrix: _____		
Facility ID: 754564	Sample ID: 618185	Sample Name: GW_8905MW_2		Sample Date: 06/23/2020	
Collection Point: MW	Matrix: WATER	Pre Post: Remediation			
Project Number: _____	Remediation Number: 8905	Complaint Number: _____	NOAV Number: _____		
Inspection Number: _____	Spill Number: _____	Laboratory: Summit Scientific	Lab Sample ID: 2006292-01		

### Sample Facility Attachment:

Facility ID	Attach Num	File Name	Document Name	File Type
754564	402035648	XOG_GW_GWA_Ferguson_43_35_03-19-2019_8905MW_2_EL.pdf	Analytical Laboratory Report	PDF
754564	402410379	XOG_GW_GWA_Ferguson_43_35_03-04-2020_8905MW_2.pdf	Analytical Laboratory Report	PDF
755481	402476268	XOG_GW_GWA_Ferguson_43_35_06-24-2020_8905MW_5_Energy.pdf	Analytical Laboratory Report	PDF
754564	402410381	XOG_GW_GWA_Ferguson_43_35_03-04-2020_8905MW_2_Energy.pdf	Analytical Laboratory Report	PDF
754565	401903741	XOG_GW_GWA_Ferguson_43_35_09-26-2018_8905MW_3_Trip_Blank.pdf	Analytical Laboratory Report	PDF

754565	401903749	XOG_GW_GWA_Ferguson_43_35_09-26-2018_8905MW_3_NG4D.pdf	Analytical Laboratory Report	PDF
754564	402035645	XOG_GW_GWA_Ferguson_43_35_03-19-2019_8905MW_1A_EL.pdf	Analytical Laboratory Report	PDF
754564	402035642	XOG_GW_GWA_Ferguson_43_35_03-19-2019_8905MW_2.pdf	Analytical Laboratory Report	PDF
755482	401903759	XOG_GW_GWA_Ferguson_43_35_09-25-2018_8905MW_4_SIW.pdf	Analytical Laboratory Report	PDF
754565	402410385	XOG_GW_GWA_Ferguson_43_35_03-04-2020_8905MW_3.pdf	Analytical Laboratory Report	PDF
754565	401903738	XOG_GW_GWA_Ferguson_43_35_09-26-2018_8905MW_3_Gas_Plot.pdf	Analytical Laboratory Report	PDF
754565	402410388	XOG_GW_GWA_Ferguson_43_35_03-04-2020_8905MW_3_Energy.pdf	Analytical Laboratory Report	PDF
755481	402144896	XOG_GW_GWA_Ferguson_43_35_06-19-2019_8905MW_5.pdf	Analytical Laboratory Report	PDF
755482	402144886	XOG_GW_GWA_Ferguson_43_35_06-19-2019_8905MW_4.pdf	Analytical Laboratory Report	PDF
755481	402410407	XOG_GW_GWA_Ferguson_43_35_03-04-2020_8905MW_5.pdf	Analytical Laboratory Report	PDF
755481	401903772	XOG_GW_GWA_Ferguson_43_35_09-26-2018_8905MW_5_Trip_Blank.pdf	Analytical Laboratory Report	PDF
754564	402144875	XOG_GW_GWA_Ferguson_43_35_06-19-2019_8905MW_2_Energy.pdf	Analytical Laboratory Report	PDF
754565	402144879	XOG_GW_GWA_Ferguson_43_35_06-19-2019_8905MW_3.pdf	Analytical Laboratory Report	PDF
755482	401938864	XOG_GW_GWA_Ferguson_43_35_12-05-2018_8905MW_4_Trip_Blank.pdf	Analytical Laboratory Report	PDF
754565	401644235	Ferguson_43-35_MW_3_Report_20180313.pdf	Field Data	Unknown
755481	402476262	XOG_GW_GWA_Ferguson_43_35_06-24-2020_8905MW_5.pdf	Analytical Laboratory Report	PDF
755482	401938862	XOG_GW_GWA_Ferguson_43_35_12-05-2018_8905MW_4.pdf	Analytical Laboratory Report	PDF
754563	402476159	XOG_GW_GWA_Ferguson_43_35_06-23-2020_8905MW_1A.pdf	Analytical Laboratory Report	PDF

754564	402476154	XOG_GW_GWA_Ferguson_43_35_06-23-2020_8905MW_2.pdf	Analytical Laboratory Report	PDF
754563	402476160	XOG_GW_GWA_Ferguson_43_35_06-23-2020_8905MW_1A_Energy.pdf	Analytical Laboratory Report	PDF
754565	402476184	XOG_GW_GWA_Ferguson_43_35_06-24-2020_8905MW_3_Energy.pdf	Analytical Laboratory Report	PDF
755482	401844386	XOG_GW_GWA_Ferguson_43_35_09-25-2018_8905MW_4.pdf	Analytical Laboratory Report	PDF
754564	402035643	XOG_GW_GWA_Ferguson_43_35_03-19-2019_8905MW_2_EL.pdf	Analytical Laboratory Report	PDF
755481	401644238	Ferguson_43-35_MW_5_Report_20180313.pdf	Field Data	Unknown
755481	402035663	XOG_GW_GWA_Ferguson_43_35_03-27-2019_8905MW_5_EL.pdf	Analytical Laboratory Report	PDF
755482	402476240	XOG_GW_GWA_Ferguson_43_35_06-23-2020_8905MW_4_Energy.pdf	Analytical Laboratory Report	PDF
754565	402476181	XOG_GW_GWA_Ferguson_43_35_06-24-2020_8905MW_3.pdf	Analytical Laboratory Report	PDF
754564	402035647	XOG_GW_GWA_Ferguson_43_35_03-19-2019_8905MW_2.pdf	Analytical Laboratory Report	PDF
754563	402410369	XOG_GW_GWA_Ferguson_43_35_03-04-2020_8905MW_1A.pdf	Analytical Laboratory Report	PDF
754565	401844377	XOG_GW_GWA_Ferguson_43_35_09-26-2018_8905MW_3.pdf	Analytical Laboratory Report	PDF
755482	402410397	XOG_GW_GWA_Ferguson_43_35_03-04-2020_8905MW_4.pdf	Analytical Laboratory Report	PDF
755481	401903767	XOG_GW_GWA_Ferguson_43_35_09-26-2018_8905MW_5_Gas_Plot.pdf	Analytical Laboratory Report	PDF
754564	402476158	XOG_GW_GWA_Ferguson_43_35_06-23-2020_8905MW_2_Energy.pdf	Analytical Laboratory Report	PDF
755481	402133683	XOG_GW_GWA_Ferguson_43_35_03-27-2019_8905MW_5_Energy.pdf	Analytical Laboratory Report	PDF
755482	402476238	XOG_GW_GWA_Ferguson_43_35_06-23-2020_8905MW_4.pdf	Analytical Laboratory Report	PDF
755482	402144889	XOG_GW_GWA_Ferguson_43_35_06-19-2019_8905MW_4_Energy.pdf	Analytical Laboratory Report	PDF

755482	401903757	XOG_GW_GWA_Ferguson_43_35_09-25-2018_8905MW_4_Gas_Plot.pdf	Analytical Laboratory Report	PDF
755482	402035655	XOG_GW_GWA_Ferguson_43_35_03-19-2019_8905MW_4_EL.pdf	Analytical Laboratory Report	PDF
755481	401844391	XOG_GW_GWA_Ferguson_43_35_09-26-2018_8905MW_5.pdf	Analytical Laboratory Report	PDF
755481	401903768	XOG_GW_GWA_Ferguson_43_35_09-26-2018_8905MW_5_SIW.pdf	Analytical Laboratory Report	PDF
754564	401938897	XOG_GW_GWA_Ferguson_43_35_12-05-2018_8905MW_4.pdf	Analytical Laboratory Report	PDF
754564	402035657	XOG_GW_GWA_Ferguson_43_35_03-19-2019_8905MW_4_EL.pdf	Analytical Laboratory Report	PDF
755482	401903762	XOG_GW_GWA_Ferguson_43_35_09-25-2018_8905MW_4_Trip_Blank.pdf	Analytical Laboratory Report	PDF
754564	402035644	XOG_GW_GWA_Ferguson_43_35_03-19-2019_8905MW_1A.pdf	Analytical Laboratory Report	PDF
755482	402144871	XOG_GW_GWA_Ferguson_43_35_06-04-2019_8905MW_1A.pdf	Analytical Laboratory Report	PDF
754564	401903722	XOG_GW_GWA_Ferguson_43_35_09-25-2018_8905MW_2_SIW.pdf	Analytical Laboratory Report	PDF
755481	401903773	XOG_GW_GWA_Ferguson_43_35_09-26-2018_8905MW_5_NG4D.pdf	Analytical Laboratory Report	PDF
755481	401938922	XOG_GW_GWA_Ferguson_43_35_12-05-2018_8905MW_5_Trip_Blank.pdf	Analytical Laboratory Report	PDF
754564	401938900	XOG_GW_GWA_Ferguson_43_35_12-05-2018_8905MW_4_Trip_Blank.pdf	Analytical Laboratory Report	PDF
754564	401938728	XOG_GW_GWA_Ferguson_43_35_12-05-2018_8905MW_2.pdf	Analytical Laboratory Report	PDF
754564	401903721	XOG_GW_GWA_Ferguson_43_35_09-25-2018_8905MW_2_Trip_Blank.pdf	Analytical Laboratory Report	PDF
754565	401903742	XOG_GW_GWA_Ferguson_43_35_09-26-2018_8905MW_3_SIW.pdf	Analytical Laboratory Report	PDF
755481	402035662	XOG_GW_GWA_Ferguson_43_35_03-27-2019_8905MW_5.pdf	Analytical Laboratory Report	PDF
755481	402410408	XOG_GW_GWA_Ferguson_43_35_03-04-2020_8905MW_5_Energy.pdf	Analytical Laboratory Report	PDF

754564	402035651	XOG_GW_GWA_Ferguson_43_35_03-20-2019_8905MW_3.pdf	Analytical Laboratory Report	PDF
754564	402144874	XOG_GW_GWA_Ferguson_43_35_06-19-2019_8905MW_2.pdf	Analytical Laboratory Report	PDF
754564	402035652	XOG_GW_GWA_Ferguson_43_35_03-20-2019_8905MW_3_EL.pdf	Analytical Laboratory Report	PDF
755482	402410398	XOG_GW_GWA_Ferguson_43_35_03-04-2020_8905MW_4_Energy.pdf	Analytical Laboratory Report	PDF
755481	402144897	XOG_GW_GWA_Ferguson_43_35_06-19-2019_8905MW_5_Energy.pdf	Analytical Laboratory Report	PDF
755482	402035653	XOG_GW_GWA_Ferguson_43_35_03-19-2019_8905MW_4.pdf	Analytical Laboratory Report	PDF
754564	401938730	XOG_GW_GWA_Ferguson_43_35_12-05-2018_8905MW_2_Trip_Blank.pdf	Analytical Laboratory Report	PDF
754565	402144882	XOG_GW_GWA_Ferguson_43_35_06-19-2019_8905MW_3_Energy.pdf	Analytical Laboratory Report	PDF
754563	402410375	XOG_GW_GWA_Ferguson_43_35_03-04-2020_8905MW_1A_Energy.pdf	Analytical Laboratory Report	PDF
754564	402035656	XOG_GW_GWA_Ferguson_43_35_03-19-2019_8905MW_4.pdf	Analytical Laboratory Report	PDF
754565	401938788	XOG_GW_GWA_Ferguson_43_35_12-06-2018_8905MW_3.pdf	Analytical Laboratory Report	PDF
755482	401903760	XOG_GW_GWA_Ferguson_43_35_09-25-2018_8905MW_4_NG4D.pdf	Analytical Laboratory Report	PDF
754565	401938789	XOG_GW_GWA_Ferguson_43_35_12-06-2018_8905MW_3_Trip_Blank.pdf	Analytical Laboratory Report	PDF
755481	401938921	XOG_GW_GWA_Ferguson_43_35_12-06-2018_8905MW_5.pdf	Analytical Laboratory Report	PDF

**Sample COGCC Well Related:**

Sample ID	API Num	Well Name & Num	Sample Reason
618179	123-13226	FERGUSON 43-35	Remediation
618184	123-13226	FERGUSON 43-35	Remediation
618185	123-13226	FERGUSON 43-35	Remediation
618186	123-13226	FERGUSON 43-35	Remediation
618187	123-13226	FERGUSON 43-35	Remediation
618188	123-13226	FERGUSON 43-35	Remediation
618189	123-13226	FERGUSON 43-35	Remediation

618190	123-13226	FERGUSON 43-35	Remediation
618191	123-13226	FERGUSON 43-35	Remediation
618192	123-13226	FERGUSON 43-35	Remediation

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Environmental	The data submitted by the operator can be accessed through the COGIS data system.	11/13/2020

Total: 1 comment(s)