

State of Colorado  
Oil and Gas Conservation Commission

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



## SUNDRY NOTICE

Submit original plus one copy. This form is to be used for general, technical and environmental sundry information. For proposed or completed operations, describe in full on Technical Information Page (Page 2 of this form). Identify well or other facility by API Number or by OGCC Facility ID. Operator shall send an informational copy of all sundry notices for wells located in High Density Areas to the Local Government Designee (Rule 603b).

1. OGCC Operator Number: 96850	4. Contact Name: Karolina Blaney	Complete the Attachment Checklist
2. Name of Operator: Williams Production RMT	Phone: 970 683 2295	
3. Address: 1058 County Road 215	Fax: 970 285 9573	OPOGCC
City: Parachute State: CO Zip: 81635		
5. API Number 05-103-11613	OGCC Facility ID Number 414369	Survey Plat
6. Well/Facility Name:	7. Well/Facility Number RGU 13-24-198	Directional Survey
8. Location (Qtr/Sec, Twp, Rng, Meridian): NWSW S24 T15 R98W 6th PM		Surface Eqpm Diagram
9. County: Rio Blanco	10. Field Name: Ryan Gulch	Technical Info Page
11. Federal, Indian or State Lease Number:		Other

## General Notice

<input type="checkbox"/> CHANGE OF LOCATION: Attach New Survey Plat (a change of surface qtr/qtr is substantive and requires a new permit)	
Change of <b>Surface</b> Footage from Exterior Section Lines:	<input type="checkbox"/> FNL/FSL <input type="checkbox"/> FEL/FWL
Change of <b>Surface</b> Footage to Exterior Section Lines:	
Change of <b>Bottomhole</b> Footage from Exterior Section Lines:	
Change of <b>Bottomhole</b> Footage to Exterior Section Lines:	attach directional survey
Bottomhole location Qtr/Sec, Twp, Rng, Mer: _____ Latitude _____ Distance to nearest property line _____ Distance to nearest bldg, public rd, utility or RR _____ Longitude _____ Distance to nearest lease line _____ Is location in a High Density Area (rule 603b)? Yes/No _____ Ground Elevation _____ Distance to nearest well same formation _____ Surface owner consultation date: _____	
GPS DATA: Date of Measurement _____ PDOP Reading _____ Instrument Operator's Name _____	
<input type="checkbox"/> CHANGE SPACING UNIT Formation _____ Formation Code _____ Spacing order number _____ Unit Acreage _____ Unit configuration _____	<input type="checkbox"/> Remove from surface bond Signed surface use agreement attached
<input type="checkbox"/> CHANGE OF OPERATOR (prior to drilling): Effective Date: _____ Plugging Bond: <input type="checkbox"/> Blanket <input type="checkbox"/> Individual	<input type="checkbox"/> CHANGE WELL NAME NUMBER From: _____ To: _____ Effective Date: _____
<input type="checkbox"/> ABANDONED LOCATION: Was location ever built? <input type="checkbox"/> Yes <input type="checkbox"/> No Is site ready for inspection? <input type="checkbox"/> Yes <input type="checkbox"/> No Date Ready for Inspection: _____	<input type="checkbox"/> NOTICE OF CONTINUED SHUT IN STATUS Date well shut in or temporarily abandoned: _____ Has Production Equipment been removed from site? <input type="checkbox"/> Yes <input type="checkbox"/> No MIT required if shut in longer than two years. Date of last MIT: _____
<input type="checkbox"/> SPUD DATE: _____	<input type="checkbox"/> REQUEST FOR CONFIDENTIAL STATUS (6 mos from date casing set)
<input type="checkbox"/> SUBSEQUENT REPORT OF STAGE, SQUEEZE OR REMEDIAL CEMENT WORK Method used _____ Cementing tool setting/perf depth _____ Cement volume _____ Cement top _____ Cement bottom _____ Date _____ *submit cbl and cement job summaries	
<input type="checkbox"/> RECLAMATION: Attach technical page describing final reclamation procedures per Rule 1004. Final reclamation will commence on approximately _____ <input type="checkbox"/> Final reclamation is completed and site is ready for inspection.	

## Technical Engineering/Environmental Notice

<input type="checkbox"/> Notice of Intent Approximate Start Date: _____	<input type="checkbox"/> Report of Work Done Date Work Completed: _____
Details of work must be described in full on Technical Information Page (Page 2 must be submitted.)	
<input type="checkbox"/> Intent to Recomplete (submit form 2) <input type="checkbox"/> Change Drilling Plans <input type="checkbox"/> Gross Interval Changed? <input type="checkbox"/> Casing/Cementing Program Change	<input type="checkbox"/> Request to Vent or Flare <input type="checkbox"/> Repair Well <input type="checkbox"/> Rule 502 variance requested <input checked="" type="checkbox"/> Other: Background
<input type="checkbox"/> E&P Waste Disposal <input type="checkbox"/> Beneficial Reuse of E&P Waste <input type="checkbox"/> Status Update/Change of Remediation Plans for Spills and Releases	

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

Signed: Karolina Blaney Date: 11/28/2011 Email: Karolina.Blaney@Williams.com  
 Print Name: Karolina Blaney Title: Environmental Specialist

COGCC Approved:

Title:

Date:

CONDITIONS OF APPROVAL IF ANY:

FOR  
 Chris Canfield  
 EPS NW Region

TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY

1. OGCC Operator Number: \_\_\_\_\_ API Number: \_\_\_\_\_

2. Name of Operator: \_\_\_\_\_ OGCC Facility ID # \_\_\_\_\_

3. Well/Facility Name: \_\_\_\_\_ Well/Facility Number: \_\_\_\_\_

4. Location (QtrQtr, Sec, Twp, Rng, Meridian): \_\_\_\_\_

This form is to be completed whenever a Sundry Notice is submitted requiring detailed report of work to be performed or completed. This form shall be transmitted within 30 days of work completed as a "subsequent" report and must accompany Form 4, page 1.

5.

DESCRIBE PROPOSED OR COMPLETED OPERATIONS



## Legend

- Sample Location
- Existing Road
- Existing Pad  
Limit of Disturbance

**RGU 13-24-198**  
**Arsenic Background Sample Location Map**  
**T1S R98W, Section 24**



**November 29, 2011**



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

Karolina Blaney  
Williams  
1058 County Road 215  
Parachute, CO 81635

## Report Summary

Sunday November 20, 2011

Report Number: L546582

Samples Received: 11/12/11

Client Project:

Description: RGU-13-24-198 Soil Sampling

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:

T. Alan Harvill , ESC Representative

### Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487  
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375/DW21704, ND - R-140  
NJ - TN002, NJ NELAP - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233  
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032008A,  
TX - T104704245, OK-9915, PA - 68-02979

Accreditation is only applicable to the test methods specified on each scope of accreditation held by ESC Lab Sciences.

Note: The use of the preparatory EPA Method 3511 is not approved or endorsed by the CA ELAP.

This report may not be reproduced, except in full, without written approval from ESC Lab Sciences. Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.

REPORT OF ANALYSIS

Karolina Blaney  
Williams  
1058 County Road 215  
Parachute, CO 81635

November 20, 2011

Date Received : November 12, 2011  
Description : RGU-13-24-198 Soil Sampling  
Sample ID : RGU-13-24-198  
Collected By : TC  
Collection Date : 11/11/11 09:42

ESC Sample # : L546582-01

Site ID : RGU-13-24-198

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Chromium, Hexavalent	BDL	2.0	mg/kg	3060A/7196A	11/17/11	1
Chromium, Trivalent	12.	2.0	mg/kg	Calc.	11/16/11	1
pH	9.0		su	9045D	11/18/11	1
Sodium Adsorption Ratio	54.			Calc.	11/16/11	1
Specific Conductance	3.6		umhos/cm	9050AMod	11/16/11	1
Mercury	BDL	0.020	mg/kg	7471	11/15/11	1
Arsenic	2.4	1.0	mg/kg	6010B	11/16/11	1
Barium	8200	1.2	mg/kg	6010B	11/16/11	5
Cadmium	BDL	0.25	mg/kg	6010B	11/16/11	1
Chromium	12.	0.50	mg/kg	6010B	11/16/11	1
Copper	21.	1.0	mg/kg	6010B	11/16/11	1
Lead	6.1	0.25	mg/kg	6010B	11/16/11	1
Nickel	2.8	1.0	mg/kg	6010B	11/16/11	1
Selenium	BDL	1.0	mg/kg	6010B	11/16/11	1
Silver	BDL	0.50	mg/kg	6010B	11/16/11	1
Zinc	40.	1.5	mg/kg	6010B	11/16/11	1
Benzene	0.042	0.0025	mg/kg	8021/8015	11/16/11	5
Toluene	0.066	0.025	mg/kg	8021/8015	11/16/11	5
Ethylbenzene	0.010	0.0025	mg/kg	8021/8015	11/16/11	5
Total Xylene	0.079	0.0075	mg/kg	8021/8015	11/16/11	5
TPH (GC/FID) Low Fraction	2.5	0.50	mg/kg	GRO	11/16/11	5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	104.		% Rec.	8021/8015	11/16/11	5
a,a,a-Trifluorotoluene(PID)	110.		% Rec.	8021/8015	11/16/11	5
TPH (GC/FID) High Fraction	65.	4.0	mg/kg	3546/DRO	11/16/11	1
Surrogate recovery(%)						
o-Terphenyl	142.		% Rec.	3546/DRO	11/16/11	1
Polynuclear Aromatic Hydrocarbons						
Anthracene	BDL	0.0060	mg/kg	8270C-SIM	11/18/11	1
Acenaphthene	BDL	0.0060	mg/kg	8270C-SIM	11/18/11	1
Benzo(a)anthracene	BDL	0.0060	mg/kg	8270C-SIM	11/18/11	1
Benzo(a)pyrene	BDL	0.0060	mg/kg	8270C-SIM	11/18/11	1
Benzo(b)fluoranthene	BDL	0.0060	mg/kg	8270C-SIM	11/18/11	1
Benzo(k)fluoranthene	BDL	0.0060	mg/kg	8270C-SIM	11/18/11	1
Chrysene	0.0068	0.0060	mg/kg	8270C-SIM	11/18/11	1

BDL - Below Detection Limit  
Det. Limit - Practical Quantitation Limit(PQL)  
L546582-01 (PH) - 9.03@18.4c



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November 20, 2011

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Sample ID : RGU-13-24-198  
Collected By : TC  
Collection Date : 11/11/11 09:42

ESC Sample # : L546582-01

Site ID : RGU-13-24-198

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Dibenz(a,h)anthracene	BDL	0.0060	mg/kg	8270C-SIM	11/18/11	1
Fluoranthene	BDL	0.0060	mg/kg	8270C-SIM	11/18/11	1
Fluorene	0.017	0.0060	mg/kg	8270C-SIM	11/18/11	1
Indeno(1,2,3-cd)pyrene	BDL	0.0060	mg/kg	8270C-SIM	11/18/11	1
Naphthalene	0.097	0.0060	mg/kg	8270C-SIM	11/18/11	1
Pyrene	BDL	0.0060	mg/kg	8270C-SIM	11/18/11	1
Surrogate Recovery						
Nitrobenzene-d5	85.3		% Rec.	8270C-SIM	11/18/11	1
2-Fluorobiphenyl	58.0		% Rec.	8270C-SIM	11/18/11	1
p-Terphenyl-d14	54.6		% Rec.	8270C-SIM	11/18/11	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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Reported: 11/20/11 08:14 Printed: 11/20/11 08:15  
L546582-01 (PH) - 9.03@18.4c



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REPORT OF ANALYSIS

Karolina Blaney  
Williams  
1058 County Road 215  
Parachute, CO 81635

November 20, 2011

Date Received : November 12, 2011  
Description : RGU-13-24-198 Soil Sampling  
Sample ID : RGU-13-24-198-B-1  
Collected By : TC  
Collection Date : 11/11/11 10:00

ESC Sample # : L546582-02

Site ID : RGU-13-24-198

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Arsenic	1.3	1.0	mg/kg	6010B	11/16/11	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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November 20, 2011

Date Received : November 12, 2011  
Description : RGU-13-24-198 Soil Sampling  
Sample ID : RGU-13-24-198-B-2  
Collected By : TC  
Collection Date : 11/11/11 10:16

ESC Sample # : L546582-03

Site ID : RGU-13-24-198

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Arsenic	1.2	1.0	mg/kg	6010B	11/16/11	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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November 20, 2011

Date Received : November 12, 2011  
Description : RGU-13-24-198 Soil Sampling  
Sample ID : RGU-13-24-198-B-3  
Collected By : TC  
Collection Date : 11/11/11 10:32

ESC Sample # : L546582-04

Site ID : RGU-13-24-198

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Arsenic	2.6	1.0	mg/kg	6010B	11/16/11	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

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1058 County Road 215  
Parachute, CO 81635

November 20, 2011

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Description : RGU-13-24-198 Soil Sampling  
Sample ID : RGU-13-24-198-B-4  
Collected By : TC  
Collection Date : 11/11/11 10:47

ESC Sample # : L546582-05

Site ID : RGU-13-24-198

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Arsenic	2.2	1.0	mg/kg	6010B	11/16/11	1

BDL - Below Detection Limit

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November 20, 2011

Date Received : November 12, 2011  
Description : RGU-13-24-198 Soil Sampling  
Sample ID : RGU-13-24-198-B-5  
Collected By : TC  
Collection Date : 11/11/11 11:05

ESC Sample # : L546582-06

Site ID : RGU-13-24-198

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Arsenic	BDL	1.0	mg/kg	6010B	11/16/11	1

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