



DOCUMENT  
#2216214

### 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.)

RECEIVED  
9/15/2011

1. OGCC Operator Number: 96850	4. Contact Name: Karolina Blaney	Complete the Attachment Checklist OP OGCC
2. Name of Operator: Williams Production RMT	Phone: 970 683 2295	
3. Address: 1058 County Road 215 City: Parachute State: CO Zip: 81635	Fax: 970 285 9573	
5. API Number 05-045-19436	OGCC Facility ID Number 416998	Survey Plat
6. Well/Facility Name:	7. Well/Facility Number GM 333-31	Directional Survey
8. Location (Qtr, Sec, Twp, Rng, Meridian): NWSE- 31-65-96W- 06M		Surface Eqmt Diagram
9. County: Garfield	10. Field Name: Grand Valley	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 Surface Footage from Exterior Section Lines:	<input type="checkbox"/> FNU/FSL <input type="checkbox"/> FEL/FWL
Change of Surface Footage to Exterior Section Lines:	<input type="checkbox"/> <input type="checkbox"/>
Change of Bottomhole Footage from Exterior Section Lines:	<input type="checkbox"/> <input type="checkbox"/>
Change of Bottomhole Footage to Exterior Section Lines:	<input type="checkbox"/> <input type="checkbox"/> attach directional survey
Bottomhole location Qtr/Sec, Twp, Rng, Mer	
Latitude	Distance to nearest property line
Longitude	Distance to nearest bldg, public rd, utility or RR
Ground Elevation	Distance to nearest lease line
	Is location in a High Density Area (rule 603b)? Yes/No
	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	<input type="checkbox"/> Remove from surface bond
Formation	Signed surface use agreement attached
Formation Code	
Spacing order number	
Unit Acreage	
Unit configuration	
<input type="checkbox"/> CHANGE OF OPERATOR (prior to drilling):	<input type="checkbox"/> CHANGE WELL NAME
Effective Date:	From:
Plugging Bond: <input type="checkbox"/> Blanket <input type="checkbox"/> Individual	To:
	Effective Date:
<input type="checkbox"/> ABANDONED LOCATION:	<input type="checkbox"/> NOTICE OF CONTINUED SHUT IN STATUS
Was location ever built? <input type="checkbox"/> Yes <input type="checkbox"/> No	Date well shut in or temporarily abandoned:
Is site ready for inspection? <input type="checkbox"/> Yes <input type="checkbox"/> No	Has Production Equipment been removed from site? <input type="checkbox"/> Yes <input type="checkbox"/> No
Date Ready for Inspection:	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	
*submit cbl and cement job summaries	
Method used	Cementing tool setting/perf depth
Cement volume	Cement top
Cement bottom	Date
<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	<input type="checkbox"/> Report of Work Done
Approximate Start Date:	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"/> Request to Vent or Flare
<input type="checkbox"/> Change Drilling Plans	<input type="checkbox"/> Repair Well
<input type="checkbox"/> Gross Interval Changed?	<input type="checkbox"/> Rule 502 variance requested
<input type="checkbox"/> Casing/Cementing Program Change	<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: 9/15/2011 Email: Karolina.Blaney@Williams.com  
Print Name: Karolina Blaney Title: Environmental Specialist

COGCC Approved: Chris Canfield Title: FOR Date: 09/22/2011

CONDITIONS OF APPROVAL, IF ANY:

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

**GM 333-31**  
**Arsenic Background Sample Location Map**  
**T6S R96W, Section 31**

**September 14, 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

Monday September 12, 2011

Report Number: L534181

Samples Received: 09/02/11

Client Project:

Description: GM 333-31 Cuttings and Backgrounds

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

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

September 12, 2011

Date Received : September 02, 2011  
Description : GM 333-31 Cuttings and Backgrounds  
Sample ID : GM 333-31  
Collected By : Fergie M  
Collection Date : 08/31/11 09:10

ESC Sample # : L534181-01

Site ID :

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Chromium, Hexavalent	BDL	2.0	mg/kg	3060A/7196A	09/08/11	1
Chromium, Trivalent	11.	0.50	mg/kg	Calc.	09/06/11	1
ORP	65.		mV	2580	09/07/11	1
pH	7.0		su	9045D	09/10/11	1
Sodium Adsorption Ratio	6.0			Calc.	09/05/11	1
Specific Conductance	1000		umhos/cm	9050AMod	09/11/11	1
Mercury	0.025	0.020	mg/kg	7471	09/06/11	1
Arsenic	4.2	1.0	mg/kg	6010B	09/06/11	1
Barium	2300	0.25	mg/kg	6010B	09/06/11	1
Cadmium	1.0	0.25	mg/kg	6010B	09/06/11	1
Chromium	11.	0.50	mg/kg	6010B	09/06/11	1
Copper	18.	1.0	mg/kg	6010B	09/06/11	1
Lead	12.	0.25	mg/kg	6010B	09/06/11	1
Nickel	13.	1.0	mg/kg	6010B	09/06/11	1
Selenium	BDL	1.0	mg/kg	6010B	09/06/11	1
Silver	BDL	0.50	mg/kg	6010B	09/06/11	1
Zinc	55.	1.5	mg/kg	6010B	09/06/11	1
Benzene	0.0039	0.0025	mg/kg	8021/8015	09/09/11	5
Toluene	BDL	0.025	mg/kg	8021/8015	09/09/11	5
Ethylbenzene	BDL	0.0025	mg/kg	8021/8015	09/09/11	5
Total Xylene	BDL	0.0075	mg/kg	8021/8015	09/09/11	5
TPH (GC/FID) Low Fraction	BDL	0.50	mg/kg	GRO	09/09/11	5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	95.7		% Rec.	8021/8015	09/09/11	5
a,a,a-Trifluorotoluene(PID)	101.		% Rec.	8021/8015	09/09/11	5
TPH (GC/FID) High Fraction	4.8	4.0	mg/kg	3546/DRO	09/10/11	1
Surrogate recovery(%)						
o-Terphenyl	66.7		% Rec.	3546/DRO	09/10/11	1
Polynuclear Aromatic Hydrocarbons						
Anthracene	BDL	0.0060	mg/kg	8270C-SIM	09/08/11	1
Acenaphthene	BDL	0.0060	mg/kg	8270C-SIM	09/08/11	1
Benzo(a)anthracene	BDL	0.0060	mg/kg	8270C-SIM	09/08/11	1
Benzo(a)pyrene	BDL	0.0060	mg/kg	8270C-SIM	09/08/11	1
Benzo(b)fluoranthene	BDL	0.0060	mg/kg	8270C-SIM	09/08/11	1

BDL - Below Detection Limit  
Det. Limit - Practical Quantitation Limit(PQL)  
L534181-01 (PH) - 6.98@20.5c





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September 12, 2011

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Sample ID : GM 333-31  
Collected By : Fergie M  
Collection Date : 08/31/11 09:10

ESC Sample # : L534181-01

Site ID :

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzo(k)fluoranthene	BDL	0.0060	mg/kg	8270C-SIM	09/08/11	1
Chrysene	BDL	0.0060	mg/kg	8270C-SIM	09/08/11	1
Dibenz(a,h)anthracene	BDL	0.0060	mg/kg	8270C-SIM	09/08/11	1
Fluoranthene	BDL	0.0060	mg/kg	8270C-SIM	09/08/11	1
Fluorene	BDL	0.0060	mg/kg	8270C-SIM	09/08/11	1
Indeno(1,2,3-cd)pyrene	BDL	0.0060	mg/kg	8270C-SIM	09/08/11	1
Naphthalene	0.058	0.0060	mg/kg	8270C-SIM	09/08/11	1
Pyrene	BDL	0.0060	mg/kg	8270C-SIM	09/08/11	1
Surrogate Recovery						
Nitrobenzene-d5	81.0		% Rec.	8270C-SIM	09/08/11	1
2-Fluorobiphenyl	89.3		% Rec.	8270C-SIM	09/08/11	1
p-Terphenyl-d14	103.		% Rec.	8270C-SIM	09/08/11	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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Reported: 09/12/11 15:00 Printed: 09/12/11 15:01  
L534181-01 (PH) - 6.98@20.5c



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# REPORT OF ANALYSIS

Karolina Blaney  
Williams  
1058 County Road 215  
Parachute, CO 81635

September 12, 2011

Date Received : September 02, 2011  
Description : GM 333-31 Cuttings and Backgrounds  
Sample ID : GM 333-31-B-1  
Collected By : Fergie M  
Collection Date : 08/31/11 09:20

ESC Sample # : L534181-02

Site ID :

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Arsenic	8.0	1.0	mg/kg	6010B	09/07/11	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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# REPORT OF ANALYSIS

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September 12, 2011

Date Received : September 02, 2011  
Description : GM 333-31 Cuttings and Backgrounds  
Sample ID : GM 333-31-B-2  
Collected By : Fergie M  
Collection Date : 08/31/11 09:25

ESC Sample # : L534181-03

Site ID :

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Arsenic	5.8	1.0	mg/kg	6010B	09/07/11	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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September 12, 2011

Date Received : September 02, 2011  
Description : GM 333-31 Cuttings and Backgrounds  
Sample ID : GM 333-31-B-3  
Collected By : Fergie M  
Collection Date : 08/31/11 09:35

ESC Sample # : L534181-04

Site ID :

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Arsenic	9.0	1.0	mg/kg	6010B	09/07/11	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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September 12, 2011

Date Received : September 02, 2011  
Description : GM 333-31 Cuttings and Backgrounds  
Sample ID : GM 333-31-B-4  
Collected By : Fergie M  
Collection Date : 08/31/11 09:40

ESC Sample # : L534181-05

Site ID :

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Arsenic	9.4	1.0	mg/kg	6010B	09/07/11	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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September 12, 2011

Date Received : September 02, 2011  
Description : GM 333-31 Cuttings and Backgrounds  
Sample ID : GM 333-31-B-5  
Collected By : Fergie M  
Collection Date : 08/31/11 09:45

ESC Sample # : L534181-06

Site ID :

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Arsenic	8.3	1.0	mg/kg	6010B	09/07/11	1

BDL - Below Detection Limit

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