FORM 4
Rev 12/05

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
2. Name of Operator:	Williams Production RMT	Phone:	970 683 2295
3. Address:	1058 County Road 215	Fax:	970 285 9573
City: Parachute	State: CO	Zip: 81635	
5. API Number	05- 045-17200	OGCC Facility ID Number	334395
6. Well/Facility Name:		7. Well/Facility Number	SG 31-32
8. Location (QtrQtr, Sec, Twp, Rng, Meridian):	NWNE- 32-7S-96W-6 M		
9. County:	Garfield	10. Field Name:	Grand Valley
11. Federal, Indian or State Lease Number:			

Complete the Attachment Checklist

	OP	OGCC
Survey Plat		
Directional Survey		
Surface Eqpmt Diagram		
Technical Info Page	X	
Other	X	

General Notice

☐ CHANGE OF LOCATION: Attach New Survey Plat (a change of surface qtr/qtr is substantive and requires a new permit)

	FNL/FSL		FEL/FWL	
Change of Surface Footage from Exterior Section Lines:				
Change of Surface Footage to Exterior Section Lines:				
Change of Bottomhole Footage from Exterior Section Lines:				
Change of Bottomhole Footage to Exterior Section Lines:				attach directional survey

Bottomhole location Qtr/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

☐ CHANGE SPACING UNIT

Formation	Formation Code	Spacing order number	Unit Acreage	Unit configuration

☐ Remove from surface bond
Signed surface use agreement attached

☐ CHANGE OF OPERATOR (prior to drilling):
Effective Date:
Plugging Bond: ☐ Blanket ☐ Individual

☐ CHANGE WELL NAME NUMBER
From:
To:
Effective Date:

☐ ABANDONED LOCATION:
Was location ever built? ☐ Yes ☐ No
Is site ready for inspection? ☐ Yes ☐ No
Date Ready for Inspection:

☐ NOTICE OF CONTINUED SHUT IN STATUS
Date well shut in or temporarily abandoned:
Has Production Equipment been removed from site? ☐ Yes ☐ No
MIT required if shut in longer than two years. Date of last MIT

☐ SPUD DATE:

☐ REQUEST FOR CONFIDENTIAL STATUS (6 mos from date casing set)

☐ 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

☐ RECLAMATION: Attach technical page describing final reclamation procedures per Rule 1004.
Final reclamation will commence on approximately
☐ Final reclamation is completed and site is ready for inspection.

Technical Engineering/Environmental Notice

☐ Notice of Intent
Approximate Start Date:

☐ Report of Work Done
Date Work Completed:

Details of work must be described in full on Technical Information Page (Page 2 must be submitted.)

☐ Intent to Recomplete (submit form 2)	☐ Request to Vent or Flare	☐ E&P Waste Disposal
☐ Change Drilling Plans	☐ Repair Well	☐ Beneficial Reuse of E&P Waste
☐ Gross Interval Changed?	☐ Rule 502 variance requested	☐ Status Update/Change of Remediation Plans for Spills and Releases
☐ Casing/Cementing Program Change	☒ Other: Background	

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: 12/21/2010 Email: Karolina.Blaney@Williams.com

Print Name: Karolina Blaney Title: Environmental Specialist

COGCC Approved: Title: for Chris Canfield Date: 12/23/2010

CONDITIONS OF APPROVAL, IF ANY:

EPS NW Region

Click here to reset form

FORM 4 Rev 12/05

TECHNICAL INFORMATION PAGE

FOR OGCC USE ONLY

1. OGCC Operator Number: 96850 API Number: 05-045-17200
2. Name of Operator: Williams Production RMT OGCC Facility ID # 334395
3. Well/Facility Name: Well/Facility Number: SG 31-32
4. Location (QtrQtr, Sec, Twp, Rng, Meridian): NWNE- 32-7S-96W-6 M

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**

This COGCC Form 4 is being submitted in order to permit the disposal of drill cuttings, generated at the SG 34-28, at the SG 31-32 pad. The subject drill cuttings meet the allowable concentrations specified in COGCC Table 910-1, with exception of inorganic constituents (pH, EC and SAR) and arsenic. In accordance with COGCC guidance Q31, regarding inorganics, cuttings will be buried under a minimum of three feet of backfill soil. Arsenic concentrations meet the background levels in accordance with footnote 1 to COGCC Table 910-1. (Results are summarized below).

One composite sample was collected from three separate locations throughout the pile to determine the 910-1 concentration in the cuttings.
SG 34-28 (cuttings) - 4.3 mg/kg

Eight grab samples were collected from nearby non-impacted, native soil to establish the background arsenic concentrations.
SG 31-32-B-1 - 12.6 mg/kg
SG 31-32-B-2 - 13.2 mg/kg
SG 31-32-B-3 - 9.4 mg/kg
SG 31-32-B-4 - 13.4 mg/kg
SG 31-32-B-5 - 4.8 mg/kg
SG 31-32-B-6 - 14.6 mg/kg
SG 31-32-B-7 - 9.3 mg/kg
SG 31-32-B-8 - 9.8 mg/kg

Williams is requesting this approval in order to proceed with final disposition and reclamation of the drill cuttings located on the SG 31-32 well pad.

Accutest Laboratories

Report of Analysis

Client Sample ID:	SG 34-28		
Lab Sample ID:	T63510-1	**Date Sampled:**	11/11/10
Matrix:	SO - Soil	**Date Received:**	11/12/10
		Percent Solids:	86.5
Project:	SG 34-28		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic [a]	4.1	0.57	0.13	mg/kg	5	11/16/10	11/20/10	ANJ	SW846 6020A [4]	SW846 3050B [7]
Barium [b]	6890	67	0.46	mg/kg	5	11/18/10	11/20/10	TW	SW846 6010B [3]	SW846 3050B [6]
Cadmium	0.43	0.33	0.019	mg/kg	1	11/18/10	11/19/10	TW	SW846 6010B [2]	SW846 3050B [6]
Chromium	15.7	0.67	0.031	mg/kg	1	11/18/10	11/19/10	TW	SW846 6010B [2]	SW846 3050B [6]
Copper	24.4	1.7	0.074	mg/kg	1	11/18/10	11/19/10	TW	SW846 6010B [2]	SW846 3050B [6]
Lead	15.9	0.67	0.067	mg/kg	1	11/18/10	11/19/10	TW	SW846 6010B [2]	SW846 3050B [6]
Mercury	0.032	0.019	0.0074	mg/kg	1	11/18/10	11/18/10	CN	SW846 7471A [1]	SW846 7471A [5]
Nickel	17.4	2.7	0.076	mg/kg	1	11/18/10	11/19/10	TW	SW846 6010B [2]	SW846 3050B [6]
Selenium	0.19 U	0.67	0.19	mg/kg	1	11/18/10	11/19/10	TW	SW846 6010B [2]	SW846 3050B [6]
Silver	0.078 U	0.67	0.078	mg/kg	1	11/18/10	11/19/10	TW	SW846 6010B [2]	SW846 3050B [6]
Zinc	53.6	1.3	0.11	mg/kg	1	11/18/10	11/19/10	TW	SW846 6010B [2]	SW846 3050B [6]

(1) Instrument QC Batch: MA5260
(2) Instrument QC Batch: MA5264
(3) Instrument QC Batch: MA5266
(4) Instrument QC Batch: N:MA25400
(5) Prep QC Batch: MP13359
(6) Prep QC Batch: MP13363
(7) Prep QC Batch: N:MP55685

(a) Analysis performed at Accutest Laboratories, Dayton, NJ.
(b) Elevated reporting limit due to sample over calibration range.

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	SG31-32 B-1		
Lab Sample ID:	D15720-2	**Date Sampled:**	07/26/10
Matrix:	SO - Soil	**Date Received:**	07/29/10
		Percent Solids:	98.8
Project:	SG31-32		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	12.6	0.33	mg/kg	5	08/09/10	08/11/10	GJ	SW846 6020 [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA891
(2) Prep QC Batch: MP2554

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SG31-32 B-2		
Lab Sample ID:	D15720-3	**Date Sampled:**	07/26/10
Matrix:	SO - Soil	**Date Received:**	07/29/10
		Percent Solids:	99.1
Project:	SG31-32		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	13.2	0.33	mg/kg	5	08/09/10	08/11/10	GJ	SW846 6020 [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA891
(2) Prep QC Batch: MP2554

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SG31-32 B-3		
Lab Sample ID:	D15720-4	**Date Sampled:**	07/26/10
Matrix:	SO - Soil	**Date Received:**	07/29/10
		Percent Solids:	98.9
Project:	SG31-32		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	9.4	0.33	mg/kg	5	08/09/10	08/11/10	GJ	SW846 6020 [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA891
(2) Prep QC Batch: MP2554

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SG31-32 B-4		
Lab Sample ID:	D15720-5	**Date Sampled:**	07/26/10
Matrix:	SO - Soil	**Date Received:**	07/29/10
		Percent Solids:	99.5
Project:	SG31-32		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	13.4	0.33	mg/kg	5	08/09/10	08/11/10	GJ	SW846 6020 [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA891
(2) Prep QC Batch: MP2554

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SG31-32 B-5		
Lab Sample ID:	D15720-6	**Date Sampled:**	07/26/10
Matrix:	SO - Soil	**Date Received:**	07/29/10
		Percent Solids:	99.6
Project:	SG31-32		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	4.8	0.33	mg/kg	5	08/09/10	08/11/10	GJ	SW846 6020 [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA891
(2) Prep QC Batch: MP2554

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SG31-32 B-6		
Lab Sample ID:	D15720-7	**Date Sampled:**	07/26/10
Matrix:	SO - Soil	**Date Received:**	07/29/10
		Percent Solids:	99.0
Project:	SG31-32		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	14.6	0.33	mg/kg	5	08/09/10	08/11/10	GJ	SW846 6020 [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA891
(2) Prep QC Batch: MP2554

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SG31-32 B-7		
Lab Sample ID:	D15720-8	**Date Sampled:**	07/26/10
Matrix:	SO - Soil	**Date Received:**	07/29/10
		Percent Solids:	98.9
Project:	SG31-32		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	9.3	0.32	mg/kg	5	08/09/10	08/11/10	GJ	SW846 6020 [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA891
(2) Prep QC Batch: MP2554

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SG31-32 B-8		
Lab Sample ID:	D15720-9	**Date Sampled:**	07/28/10
Matrix:	SO - Soil	**Date Received:**	07/29/10
		Percent Solids:	95.8
Project:	SG31-32		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	9.8	0.34	mg/kg	5	08/09/10	08/11/10	GJ	SW846 6020 [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA891
(2) Prep QC Batch: MP2554

RL = Reporting Limit

Legend

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

SG 31-32

Arsenic Background Sample Location Map
T7S R96W, Section 32

August 17, 2010

Williams

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