



# Environmental, Audit & Assessment, Inc.

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21 September 2010

Colorado Oil and Gas Conservation Commission  
Chris Canfield  
Environmental Protection Specialist  
707 Wapiti Court, Suite 204  
Rifle, CO 81650

RE: Form 4 - TR 41-32-597

Mr. Canfield:

Please find the attached Sundry Form 4, submitted on behalf of Williams Production RMT Company, requesting that background arsenic concentrations be taken into consideration for the completion of the production pit closure (Remediation #4955, Spill Tracking Number 2521199) at the TR 41-32-597 (NENE, Sec 32, T5S, R97W; API 05-045-10654) well pad. This request is in accordance with and pertaining to footnote 1 to the Table 910-1 of the COGCC 900-series Rule.

Thank you in advance for your time in reviewing the attached document and consideration of approval for the request. If you have any specific questions, would like additional information, or would otherwise like to discuss the matter further, please contact myself or Jason Rauen at 970-623-8993, at your convenience.

Sincerely,

Jana Sanders  
Environmental Scientist  
Environmental, Audit & Assessment, Inc



04	05	06	07
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**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: <u>96850</u>	4. Contact Name <u>Jason Rauhen</u>	Complete the Attachment Checklist  OP OGCC
2. Name of Operator: <u>Williams Production R.M.T. Company</u>	Phone: <u>970-285-9377</u>	
3. Address: <u>1058 County Road 215</u> City: <u>Parachute</u> State: <u>CO</u> Zip: <u>81635</u>	Fax: <u>970-263-5313</u>	
5. API Number <u>05-045-10654</u>	OGCC Facility ID Number	Survey Plat
6. Well/Facility Name: <u>Chevron # 41-32-597</u>	7. Well/Facility Number <u>41-32-597</u>	Directional Survey
8. Location (Qtr/Tr, Sec, Twp, Rng, Meridian): <u>NENE, 32, T5S, R97W, 6 PM</u>		Surface Eqmpt Diagram
9. County: <u>Garfield</u>	10. Field Name: <u>TRAIL RIDGE - #83825</u>	Technical Info Page
11. Federal, Indian or State Lease Number: <u>Remediation #4955, Spill/Release Tracking # 2521199</u>		Other

**General Notice**

**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"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Change of Surface Footage to Exterior Section Lines:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Change of Bottomhole Footage from Exterior Section Lines:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Change of Bottomhole Footage to Exterior Section Lines:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Bottomhole location Qtr/Tr, 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: \_\_\_\_\_

attach directional survey

**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.)

<input type="checkbox"/> Intent to Recomplete (submit form 2)	<input type="checkbox"/> Request to Vent or Flare	<input type="checkbox"/> E&P Waste Disposal
<input type="checkbox"/> Change Drilling Plans	<input type="checkbox"/> Repair Well	<input type="checkbox"/> Beneficial Reuse of E&P Waste
<input type="checkbox"/> Gross Interval Changed?	<input type="checkbox"/> Rule 502 variance requested	<input type="checkbox"/> Status Update/Change of Remediation Plans
<input type="checkbox"/> Casing/Cementing Program Change	<input checked="" type="checkbox"/> Other: <u>Background</u>	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: \_\_\_\_\_ Date: \_\_\_\_\_ Email: \_\_\_\_\_  
Print Name: \_\_\_\_\_ Title: \_\_\_\_\_

OGCC Approved: [Signature] Title: for Chris Camfield Date: 10/19/2010

CONDITIONS OF APPROVAL, IF ANY:  
EPS NW Region

TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY

1. OGCC Operator Number: 96850 API Number: 05-045-10654  
 2. Name of Operator: Williams Production R.M.T. Compan OGCC Facility ID # \_\_\_\_\_  
 3. Well/Facility Name: Chevron # 41-32-597 Well/Facility Number: 41-32-597  
 4. Location (QtrQtr, Sec, Twp, Rng, Meridian): NENE, 32, 5S, 97W, 6PM

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 as a request to meet the background concentration levels for arsenic at TR 41-32-597 well pad relative to the production pit closure at the subject facility; in accordance with footnote 1 to the COGCC Table 910-1. Closure activities pertain to the remediation number 4955.

The request is based on the analytical results presented below.

Six (6) grab samples were collected from locations within the pit footprint to ascertain the arsenic concentrations of the facility.

Sample Name	Location	Latitude	Longitude	Depth Below Surface (ft)	Arsenic Concentrations (mg/kg)
N-P-TR4132	North Side Wall	39.574774	-108.293055	5	11.1
S-P-TR4132	South Side Wall	39.574691	-108.293072	5	16.1
W-P-TR4132	West Side Wall	39.574761	-108.293184	5	14.5
E-P-TR4132	East Side Wall	39.57471	-108.292963	5	13.3
B1W-P-TR4132	Bottom – West	39.574739	-108.293112	12	14.1
B2E-P-TR4132	Bottom – East	39.574728	-108.293033	11	12.0

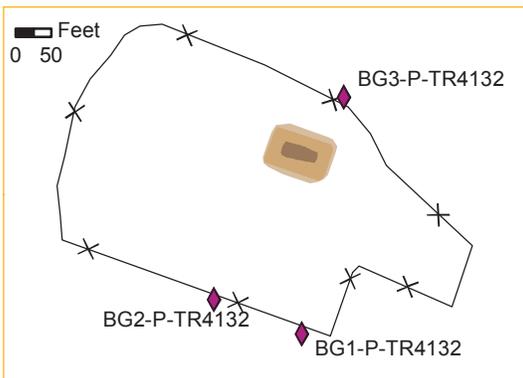
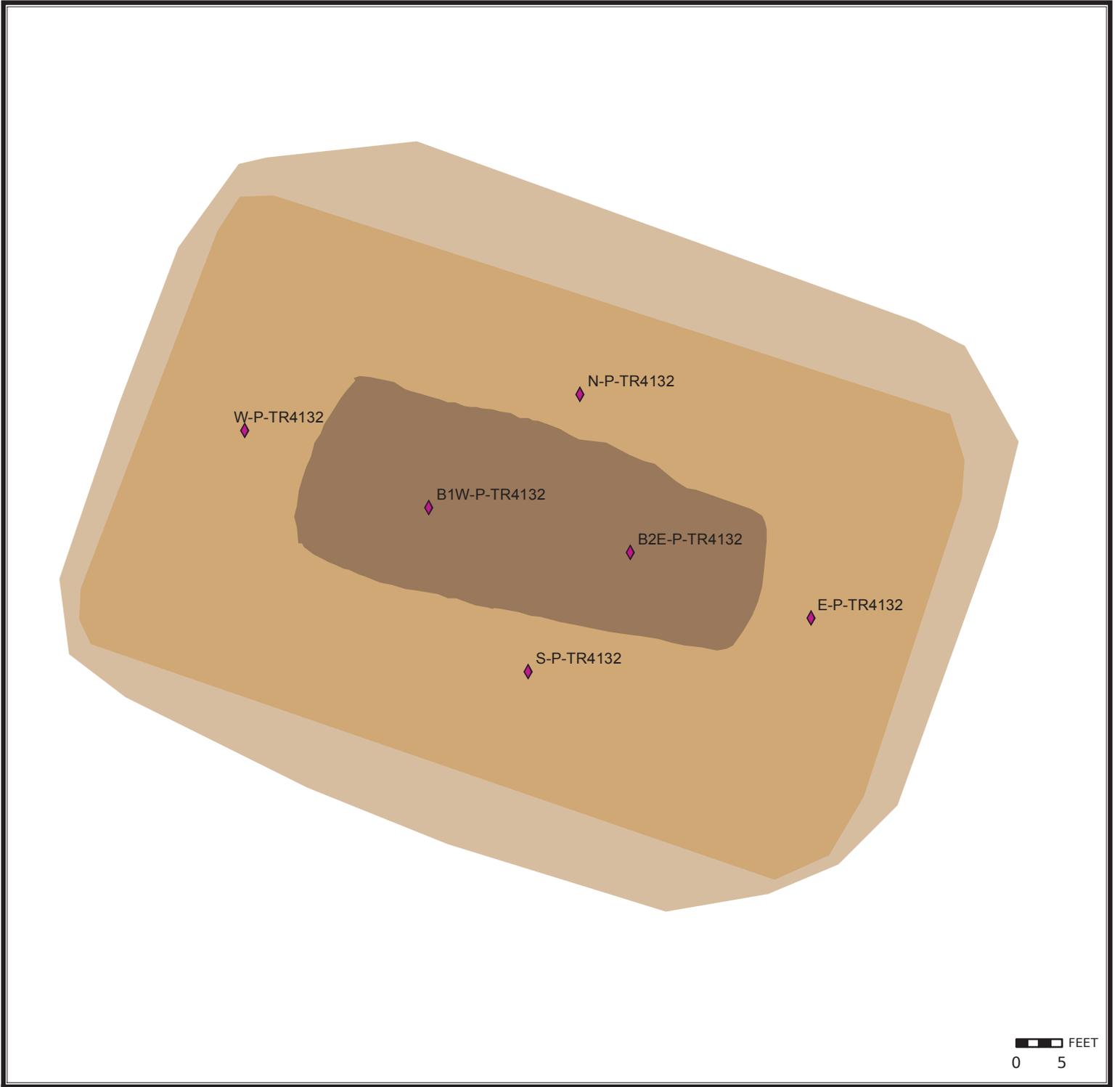
The average concentration was 13.51 mg/kg.

Three (3) grab samples were collected from nearby non-impacted, native soil to establish background arsenic concentrations.

Sample Name	Location	Latitude	Longitude	Depth Below Surface (ft)	Arsenic Concentrations (mg/kg)
BG1-P-TR4132	Background	39.574037	-108.293029	0.5	7.8
BG2-P-TR4132	Background	39.574158	-108.293472	0.5	10.1
BG3-P-TR4132	Background	39.574955	-108.292854	0.5	18.5

The average concentration was 12.13 mg/kg.

Williams is requesting this approval in order to proceed with closure and reclamation of the produced water pit located on the TR 41-32-597 well pad.



**Initial Sampling Location Map**  
**Williams Production R.M.T.**  
**Trail Ridge Field**  
**Figure 4**

- Sample Locations
- Bottom
- Sidewalls
- Outer Edge
- Well Pad (approx)

Drawn By:  
EKM  
 Date:  
August 2010  
 Revised:

**Environmental, Audit & Assessment, Inc.**

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