



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

DOCUMENT #2221249

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 10/11/2011

1. OGCC Operator Number: <u>96850</u>	4. Contact Name Karolina Blaney	Complete the Attachment Checklist OP OGCC
2. Name of Operator: <u>Williams Production RMT</u>	Phone: <u>970 683 2295</u>	
3. Address: <u>1058 County Road 215</u> City: <u>Parachute</u> State: <u>CO</u> Zip: <u>81635</u>	Fax: <u>970 285 9573</u>	
5. API Number <u>05-045-10658</u>	OGCC Facility ID Number <u>422269</u>	Survey Plat
6. Well/Facility Name:	7. Well/Facility Number <u>TR 12-25-597</u>	Directional Survey
8. Location (Qtr/Sec, Twp, Rng, Meridian): <u>SWNW S25 T5S R97W 6pm</u>		Surface Eqmpt Diagram
9. County: <u>Garfield</u>	10. Field Name: <u>Trail Ridge</u>	Technical Info Page <input checked="" type="checkbox"/>
11. Federal, Indian or State Lease Number:		Other <input checked="" type="checkbox"/>

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:	<table border="1"> <tr> <td></td> <td>FNL/FSL</td> <td>FEL/FWL</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table>		FNL/FSL	FEL/FWL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	FNL/FSL	FEL/FWL					
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
Change of Surface Footage to Exterior Section Lines:	<input type="checkbox"/>						
Change of Bottomhole Footage from Exterior Section Lines:	<input type="checkbox"/>						
Change of Bottomhole Footage to Exterior Section Lines:	<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 <input type="checkbox"/>						
	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 *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"/> 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>Form 15 COAs</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: Karolina Blaney Date: 10/11/2011 Email: Karolina.Blaney@Williams.com
 Print Name: Karolina Blaney Title: Environmental Specialist

COGCC Approved: Richard Allison Title: OGLA Specialist Date: 12/7/2011

CONDITIONS OF APPROVAL, IF ANY:

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**

Form 15

State of Colorado
Oil and Gas Conservation Commission



FOR OGCC USE ONLY
RECEIVED
JAN 27 2009
COGCC

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

EARTHEN PIT REPORT/PERMIT

This form is to be used for both reporting and permitting pits. Rule 903 describes when a Permit with prior approval, or a Report within 30 days, is required for pits. Submit required attachments and forms.

Complete the
Attachment Checklist

FORM SUBMITTED FOR:

Pit Report Pit Permit

	Oper	OGCC
Detailed Site Plan	✓	
Topo Map w/ Pit Location	✓	
Water Analysis (Form 25)		
Source Wells (Form 26)	✓	
Pit Design/Plan & Cross Sect	✓	
Design Calculations	✓	
Sensitive Area Determ.		
Mud Program		
Form 2A	✓	

OGCC Operator Number: 96850
Name of Operator: Williams Production RMT Co
Address: 1515 Arapahoe St., Tower 3, Suite 1000
City: Denver State: Co Zip: 80202

Contact Name and Telephone:
Lisa Dee
No: (303) 260-4538
Fax: (303) 629-8268

API Number (of associated well): See attached Form 26 OGCC Facility ID (of other associated facility): Applied for Location ID; 335916
Pit Location (QtrQtr, Sec, Twp, Rng, Meridian): Chevron TR 12-25-597 (SWNW of Sect. 25: T5S-R97W)
Latitude: N39.587320 NAD83 Longitude: W108.232429 NAD83 County: Garfield
Pit Use: Production Drilling (Attach mud program) Special Purpose (Describe Use): _____
Pit Type: Lined Unlined Surface Discharge Permit: Yes No
Offsite disposal of pit contents: Injection Commercial Pit/Facility Name: _____ Pit/Facility No: _____
Attach Form 26 to identify Source Wells and Form 25 to provide Produced Water Analysis results.

Existing Site Conditions

Is the location in a "Sensitive Area?" Yes No Attach data used for determination.
Distance (in feet) to nearest surface water: +/- 750' ground water: +/- 1200' water wells: +/- 2 miles
LAND USE (or attach copy of Form 2A if previously submitted for associated well) Select one which best describes land use:
Crop Land: Irrigated Dry Land Improved Pasture Hay Meadow CRP
Non-Crop Land: Rangeland Timber Recreational Other (describe): _____
Subdivided: Industrial Commercial Residential
SOILS (or attach copy of Form 2A if previously submitted for associated well)
Soil map units from USNRCS survey: Sheet No: Website Data Soil Complex/Series No: 56
Soils Series Name: Parachute-Irigul-Rhone Horizon thickness (in inches): A: 0-59" ; B: _____ ; C: _____
Soils Series Name: See attached Form 2A Horizon thickness (in inches): A: _____ ; B: _____ ; C: _____
Attach detailed site plan and topo map with pit location.

Pit Design and Construction

Size of pit (feet): Length: 100' Width: 50' Depth: 15'
Calculated pit volume (bbls): 6,946bbls Daily inflow rate (bbls/day): 20
Daily disposal rates (attach calculations): Evaporation: 3.9 bbls/day Percolation: none bbls/day
Type of liner material: Ploy Thickness: 24 mil
Attach description of proposed design and construction (include sketches and calculations).
Method of treatment of produced water prior to discharge into pit (separator, heater treater, other): Separator
Is pit fenced? Yes No Is pit netted? Yes No

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

Print Name: Lisa Dee Signed: [Signature]
Title: Regulatory Specialist - Highlands Asset Team Date: 1/22/2009

OGCC Approved: [Signature] Title: DOLA Supervisor Date: 3/22/11

FACILITY NUMBER:

CONDITIONS OF APPROVAL, IF ANY:
- OPERATOR TO CONDUCT AND PROVIDE TO COGCC RESULTS OF HYDROSTATIC TEST OF PIT LINER BY 12/31/2011.

Hydrostatic Test Results

Hydrostatic Pit Testing

Data Collection & Computation Form

Fox Engineering Solutions



Pit Owner: Williams Production RMT Company
Pit Name: TR 12-25-597
COGCC Location ID: 335916
Pit Location: SW 1/4 NW 1/4 Sec 25, T5S, R97W, 6th P.M.
 Latitude: N 39.5873° Longitude: W108.2324° NAD83
Liner System: 24 and 36 mil Polypropylene Liners with 8 oz. woven underlayment
Approximate Elevation: 8200 ft. MSL
Test Conducted By: David Fox, Fox Engineering Solutions

Test Initiation:		Test Termination:	
Date:	9/30/2011	Date:	10/3/2011
Time:	10:15 AM	Time:	10:15 AM
Total Duration:	72 hours		

	<u>Length</u>	<u>Width</u>	<u>Area</u>	<u>Comments</u>
Tributary Pit Liner Surface Area (ft ²):	-	-	7,329 ft. ²	Surveyed by Bookcliff Survey
Initial Pit Water Surface Area:	-	-	5,144 ft. ²	Surveyed by Bookcliff Survey
Final Pit Water Surface Area:	-	-	5,144 ft. ²	Surveyed by Bookcliff Survey
Average Pit Surface Area:			5144 ft. ²	

Initial Pit Fluid Level:		997.50 ft.
Final Pit Fluid Level:		<u>997.45</u> ft
Difference		0.05 ft or
Est. Fluid Depth:	10-11 ft.	0.6 inches

Evaporation Pan Installed: Yes	Location: North side of pit	Measured Pan Evaporation:	0.69 inches
		during Test Duration	
		Evaporation w/ Pan Coeff. 0.72	0.50 inches

Rain Gauge Installed: Yes	Location: North side of pit	Recorded Precipitation:	0.01 inches
		Equiv. 72-Hour Precip. Inflow:	0.00 inches

Other Inflow/Outflow:	Inflow (gal)	0	Equivalent Inflow:	0.00 inches
	Outflow (gal)	0	Equivalent Outflow:	0.00 inches

Calculated Fluid Level Change in Inches:	(+ indicates fluid level increased)	
	(Precipitation - Pan Evaporation + Inflows - Outflows)	-0.69 inches
	(Precipitation - 72% Pan Evaporation + Inflows - Outflows)	-0.50 inches

Measure Change in Inches:	(+ indicates fluid level increased)	-0.60 inches
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Difference between Calculated and Measured Pit Fluid Level:	(With Pan Evaporation)	0.09 inches
	(With 72% Pan Evaporation)	0.10 inches

Summary: No observed loss of liner integrity. Evaporation exceeded measured fluid level drop in pit.

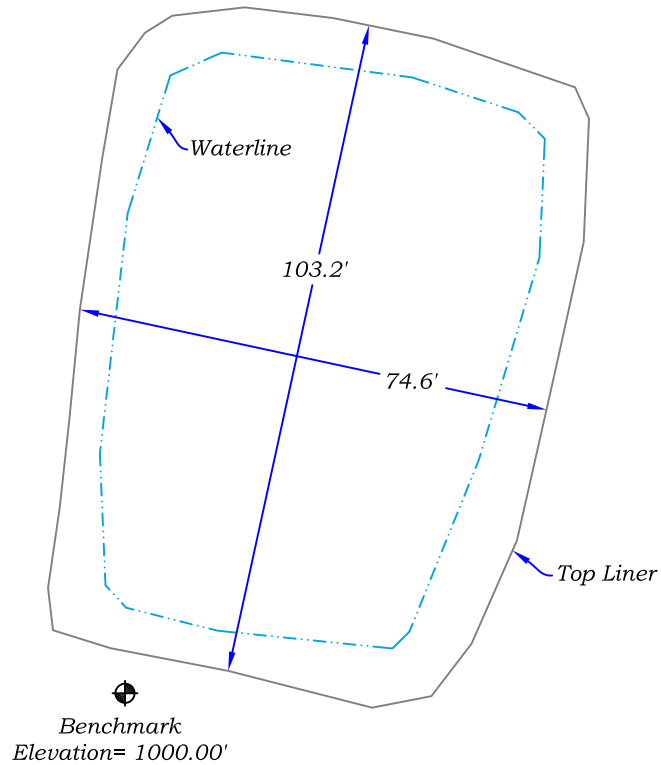
Weather: Cool 45 - 75° temperatures with trace precipitation.

Liner and Pit Condition: Produced water fluid level at approximate 10 - 11 ft depth.
 Visible portion of liner, approximately the top 4 - 5 ft., had no apparent tears, delamination or seam failures.

Comments: Bookcliff Survey utilized a Trimble Total Station for required area and elevation measurements.
 Williams staff indicated that no fluids were transferred from or to the pit during the duration of the test.

HYDROTEST EXHIBIT

TRAIL RIDGE 12-25-597



SCALE: 1" = 30'

TRAIL RIDGE 12-25-597 PIT DETAILS

TEST @ 10:15A.M.

TOP WATER ELEV. (SEPTEMBER 30, 2011)= 997.50'

TOP WATER ELEV. (OCTOBER 3, 2011)= 997.45'

TOP WATER SURFACE AREA (SEPTEMBER 30, 2011)= 5,144 sq. ft.

TOP OF LINER SURFACE AREA = 7,329 sq. ft.

TRAIL RIDGE 12-25-597 PIT LOCATION

SECTION 25,
TOWNSHIP 5 SOUTH,
RANGE 97 WEST OF THE SIXTH P.M.

136 East Third Street
Rifle, Colorado 81650
Ph. (970) 625-1330
Fax (970) 625-2773



Fox Engineering Solutions
670 Canyon Creek Dr.
Grand Junction, CO 81503

TRAIL RIDGE
12-25-597

DATE: 10/3/11
SHEET: 1 OF 1
PROJECT: HYDROTEST
DFT: SRB

Hydrostatic Testing Procedures for COGCC Earthen Pits

Version 5.0



The purpose for hydrostatic testing earthen pits is to comply with COGCC approval conditions for verifying the fluid holding integrity of the pit lining system. These procedures are specific to existing or active earthen pits holding oil and gas related fluids including, but not limited to, produced water. During testing, the pit shall have fluid level as high as practical, without encroaching into the 2 ft. freeboard, and the test shall be conducted for a minimum of 72 hours, if practical. Visible portions of the liner, including the anchor trench and seams, shall be inspected for defects. The test shall be scheduled and coordinated with personnel to ensure that oil and gas activities do not interfere with the test. Testing procedures may be subject to changes as dictated by field and climatic factors. All personnel involved with testing, while onsite, shall comply with their respective EH&S requirements.

- If practical, a sign shall be placed in a conspicuous location during the test stating "Hydrostatic Testing in Progress, Pit Closed to All Water Hauling Activities". Contact information shall also be placed on the sign.
- A semi-permanent datum elevation point shall be established at the pit location. The surface area of the water surface and the surface area of the liner area, tributary to the pit shall be measured. The date and time of each measurement shall be documented.
- The pit fluid level; fluid surface area; and the lined surface area, tributary to the pit, shall be measured and recorded at the beginning of the test. The pit fluid level shall be measured again at the end of the test. A survey grade total station shall be utilized for accuracy to capture this information. The date and time of measurements shall be documented.
- A 4" diameter official rain gauge with funnel inlet shall be installed at the pit site. Precipitation shall be recorded for the duration of the hydrostatic test.
- Pan Evaporation shall be measured during the duration of the test following the procedures established by the National Weather Service – NOAA in the document entitled "National Weather Service - Observing Handbook No. 2, dated July 1989. A Class A evaporation pan shall be placed at the site, or as near as practical, with evaporation measured per established procedures.
- For the duration of the test, all inflows and outflows, such as truck and piped transfers, shall cease. If the cessation of inflows and outflows is not practical, all pit inflows and outflows shall be accurately metered and documented during the test. 24-hour surveillance monitoring may be warranted.
- If no precipitation has occurred during the test, compare the change in the pit fluid level with the recorded pan evaporation.
- If precipitation has occurred during the test, precipitation falling onto tributary portions of the liner, outside of the fluid surface area, must be added as an inflow to the pit and converted into inches of depth over the fluid surface area.
- The calculated change in pit level during the test is: $\Delta S = P + I - O - E$ (all measurements converted to inches)

Where: ΔS = Change in pit storage
P = Precipitation Inflow
I = Measured Inflows
O = Measured Outflows
E = Evaporation

- The measured change in the pit fluid level shall be compared to the calculated change, utilizing precipitation and evaporation data, in the pit fluid level during the test duration. The test procedures and results will be reviewed and analyzed for discrepancies. If the test results indicate integrity issues with the lining system, the test will be repeated.