



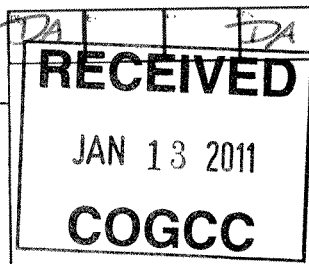
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FORM  
4  
Rev 12/05

Page 1

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: Greg Davis	Complete the Attachment Checklist OP OGCC
2. Name of Operator: Williams Production RMT Co.	Phone: (303) 606-4071	
3. Address: 1515 Arapahoe St., Tower 3, Suite 1000	Fax: (303) 629-6268	
City: Denver State: CO Zip: 80202		
5. API Number 05-045-18106-00	OGCC Facility ID Number	Survey Plat
6. Well/Facility Name: Federal	7. Well/Facility Number: PA 344-17	Directional Survey
8. Location (Qtr/Qtr, Sec, Twp, Rng, Meridian): NENE 20-T6S-R95W		Surface Eqmpt Diagram
9. County: Garfield	10. Field Name: Parachute	Technical Info Page X
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"/> FNL/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/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 Formation Code Spacing order number Unit: Acreage Unit configuration	Signed surface use agreement attached
<input type="checkbox"/> CHANGE OF OPERATOR (prior to drilling):	<input type="checkbox"/> CHANGE WELL NAME
Effective Date:	From: NUMBER
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 checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Report of Work Done	
Approximate Start Date: 1/13/2011	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: Remediate Low TOC	for Spills and Releases

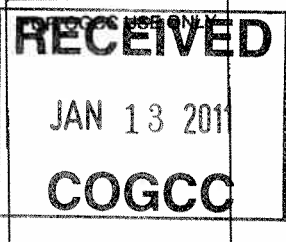
I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct and complete.

Signed: Greg Davis Date: 1/13/11 Email: Greg.J.Davis@Williams.com  
Print Name: Greg Davis Title: Supervisor Permits

COGCC Approved: David Anderson Title: PE II Date: 1/20/2011

CONDITIONS OF APPROVAL, IF ANY:

TECHNICAL INFORMATION PAGE



1. OGCC Operator Number: 96850 API Number: 05-045-18106-00  
2. Name of Operator: Williams Production RMT Co OGCC Facility ID #  
3. Well/Facility Name: Federal Well/Facility Number: PA 344-17  
4. Location (QtrQtr, Sec, Twp, Rng, Meridian): NENE Sec 20 T6S-R95W

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



Williams Production RMT Co.  
Production Casing Remediation Procedure

Wellname: PA 344-17  
Date: 1/6/11  
Field: Parachute

Prepared By: Chris Caplis  
Cell phone: 303-601-4884

Purpose: Remediate low TOC to frac upper stages

Well Information:

API Number:	05-045-18106
Production Casing	4-1/2" 11.6# E-80
Shoe Depth:	9,310 ft
Float Collar Depth	9,264 ft
Surface Casing Depth	975 ft
Top of Mesaverde:	5,752 ft
Top of Gas:	7,034 ft
Correlate Log:	Baker OH Log dated 8/8/2010
Max pressure	7,000 psi

Well History:

- The well has been completed through the MV3 stage
- Current TOC is at 7,570 ft. Current Top Perf is at 7,819 ft.

Proposed Procedure:

1st SQUEEZE

1. MIRU Wireline unit  
Set CBP at 7,770 ft to isolate top perms at 7,819 ft  
RIH with wireline and perforate squeeze holes at 7,325 ft (2 holes)  
Set cement retainer with wireline at 7,225 ft
2. MIRU rig, RIH with 2 3/8" tbg to just above the retainer and circulate casing  
Sting into retainer  
Perform injection rate test  
Record pump rate(s) and pressure(s) - Contact Denver with results: Chris Caplis - 303-601-4884
3. MIRU HES cement crew  
Pump 100 sx 17.0 ppg cement w/0.5% CFR-3, hesitate and attempt to squeeze with braden head open  
Displace to within 1 bbl of EOT  
Sting out of retainer, pull up ~60 ft and reverse circulate tubing  
POOH and prep to run CBL
4. MIRU Wireline unit  
Run CBL from retainer at 7,225 ft up to 6,725 ft. (500 ft log interval)  
Send CBL results to Denver to confirm second squeeze procedure is still viable.  
Get confirmation from Denver before beginning second squeeze.

2nd SQUEEZE

1. MIRU Wireline unit  
Perforate squeeze holes at 7,100 ft (2 holes)  
Set cement retainer with wireline at 7,000 ft
2. MIRU rig, RIH with 2 3/8" tbg to just above the retainer and circulate casing  
Sting into retainer  
Perform injection rate test  
Record pump rate(s) and pressure(s) - Contact Denver with results: Chris Caplis - 303-601-4884
3. MIRU HES cement crew  
Pump 400 sx 17.0 ppg cement w/0.5% CFR-3, hesitate and attempt to squeeze with braden head open  
If we do not have circulation to surface, cut cement volume to 200 sx  
Displace to within 1 bbl of EOT  
Sting out of retainer, pull up ~60 ft and reverse circulate tubing
4. Allow at least 24 hrs cement set time.
5. RIH with bit and 2 3/8" tubing.  
Drill cement & retainers/Clean out to top of CBP at 7,770 ft.  
Run CBL from CBP at 7,770 ft up to 5,750 ft. Call Denver with results.  
No need to pressure test as these perms will see fracture pressure  
  
If all successful, continue with completion operations.