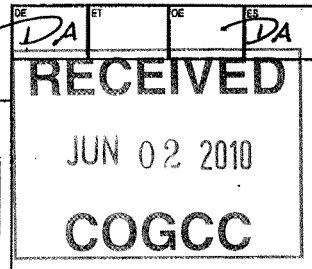




02054350

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 City: Denver State: CO Zip: 80202	Fax: (303) 629-8272	
5. API Number: 05-045-17346-00	OGCC Facility ID Number	Survey Plat
6. Well/Facility Name: Jolley	7. Well/Facility Number: KP 511-16	Directional Survey
8. Location (QtrQtr, Sec, Twp, Rng, Meridian): SWNW 16-T6S-91W		Surface Eqmpt Diagram
9. County: Garfield	10. Field Name: Kokopeli	Technical Info Page
11. Federal, Indian or State Lease Number:		Other

**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:	<input type="checkbox"/>	<input type="checkbox"/>
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"/>

Bottomhole location Qtr/Qtr, Sec, Twp, Rng, Mer \_\_\_\_\_ attach directional survey

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

<input type="checkbox"/> <b>CHANGE OF OPERATOR (prior to drilling):</b> Effective Date: _____ Plugging Bond: <input type="checkbox"/> Blanket <input type="checkbox"/> Individual	<input type="checkbox"/> <b>CHANGE WELL NAME</b> <b>NUMBER</b> From: _____ To: _____ Effective Date: _____
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<input type="checkbox"/> <b>ABANDONED LOCATION:</b> 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"/> <b>NOTICE OF CONTINUED SHUT IN STATUS</b> 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 _____
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**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: 6/2/2010  **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>Block Squeeze</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: Greg Davis Date: 6/2/10 Email: Greg.J.Davis@Williams.com  
 Print Name: Greg Davis Title: Supervisor Permits

COGCC Approved: David [Signature] Title PE II Date: 6/2/2010

CONDITIONS OF APPROVAL, IF ANY:

TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY  
**RECEIVED**  
JUN 02 2010  
**COGCC**

1. OGCC Operator Number:	96850	API Number:	05-045-17346-00
2. Name of Operator:	Williams Production RMT Co	OGCC Facility ID #	
3. Well/Facility Name:	Jolley	Well/Facility Number:	KP 511-16
4. Location (QtrQtr, Sec, Twp, Rng, Meridian):	SWNW Sec 16 T6S-R91W		

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:	Jolley KP 511-16	Prepared By:	Jeremy Conger
Date:	6/2/10	Cell phone:	(303) 888-4515
Field:	Kokopelli	Office phone:	(303) 606-4285

Purpose: Block Squeeze to Shut Off Bradenhead Pressure

Well Information:

API Number:	05-045-17364
Production Casing:	4-1/2" 11.6# E-80
Shoe Depth:	8,210 ft
Float Collar Depth:	8,179 ft
Surface Casing Depth:	1,115 ft
Top of Mesaverde:	3,617 ft
Top of Gas:	5,075 ft
Correlate Log:	Baker OH Log Dated 11/20/2009
Max pressure:	7,000 psi
Re-Cement TOC:	3,960 ft
Current PBTD:	6,800 ft

Well History:

- Corcoran, Cozzette, Rollins, Cameo and Marine 1 frac stages have been pumped without issue
- During the Marine 2 frac job bradenhead pressure started to rise.
- The bradenhead was vented on a choke, but pressure reached 160 psi.
- At this point the job was flushed prematurely and flowback was started.
- Bradenhead was vented to the pit and is currently at 0 psi with no flow.

Proposed Procedure:

- 1 RIH w/ wireline and set CBP at +/- 6,585 ft
- 2 Perforate squeeze holes at +/- 6,550 ft
- 3 Pump injection test to determine pump rate.
- 4 Set Retainer at +/- 6,510 ft.
- 5 MIRU Service Unit. RIH with 2 3/8" Workstring.
- 6 Sting in to retainer and re-establish circulation with water. Do not exceed 4 bpm.  
  
Pump +/- 400 sks Class G cement at 15.8 ppg. Weight up to 17 ppg for final 2 bbls.  
Displace to within 0.5 bbls of EOT.  
Sting our of retainer, pump 0.5 bbls of cement on top of retainer.  
Reverse circulate tubing.  
POOH with tubing and SDFN.  
Allow for at least 24 hrs cement set time.
- 7 RIH with bit and 2 3/8" tubing. Drill out Cement Retainer.  
Clean out to CBP at 6,585 ft.  
POOH bit and tubing.
- 8 Run CBL from 6,585 to 5,000 ft.

## Andrews, David

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**From:** Conger, Jeremy [Jeremy.Conger@Williams.com]  
**Sent:** Tuesday, June 01, 2010 11:42 AM  
**To:** Andrews, David  
**Subject:** Williams KP 511-16

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Dave,

Wanted to give you an update on this well (05-045-17346)

- Observed bradenhead pressure increase during frac job on perms at 6610-6981 ft MD. TOC was picked at 3960 ft. This was a well we had to re-cement after a failed primary cement job.
- Pressure was vented to a pit through a choke until we could flush the frac job. We aborted the frac job due to seeing pressure of 160 psi during venting with continual increase.
- Well is now flowing back the frac and the bradenhead is being vented to the pit using an adjustable choke (seems happy at 34/64ths) which keeps the choke clear and pressure at 100 psi.
- My plan is to continue to flowback the well and monitor the bradenhead pressure (hope to see a decrease in bradenhead activity as the frac job flows back). Once the well is dead, I will cleanout to the Rollins plug and log the tracer survey across our recent frac stages (unfortunately the tracer for today was overlooked and did not get pumped). This may allow us to see if we have some cement channeling.

Once we get the tracer survey results, my guess is that the only way to solve this will be to squeeze above the current TOC. Based on logs we have for the re-cement, I doubt we could have any luck with block squeezes as we work our way uphole. I will be in-touch before we move forward on any squeezes.

If you have any questions or concerns please let me know.

Thanks,

**Jeremy Conger**  
Sr. Staff Completions Engineer  
Williams Production RMT Co.  
Piceance Valley  
303-888-4515 (mobile)  
303-606-4285 (office)  
[jeremy.conger@williams.com](mailto:jeremy.conger@williams.com)