

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
 2. Name of Operator: Williams Production RMT Co.
 3. Address: 1515 Arapahoe St., Tower 3, Suite 1000
 City: Denver State: CO Zip 80202
 4. Contact Name: Angela Neifert
 Phone: (303) 606-4398
 Fax: (303) 629-8272
 5. API Number: 05-045-16284-00 OGCC Facility ID Number
 6. Well/Facility Name: Kokopelli Fed 7. Well/Facility Number 18-213D
 8. Location (Qtr/Ctr, Sec, Twp, Rng, Meridian): SWSE 18-T6S-91W
 9. County: Garfield 10. Field Name: Kokopelli
 11. Federal, Indian or State Lease Number: COC51146

Complete the Attachment Checklist

Survey Plat	
Directional Survey	
Surface Eqpmnt Diagram	
Technical Info Page	
Other	

OP OGCC

General Notice

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

Change of Surface Footage from Exterior Section Lines:	FNJ/FSL	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"/>

Bottomhole location Qtr/Ctr, Sec, Twp, Rng, Mer Distance to nearest property line _____ Distance to nearest bldg, public rd, utility or RR ^{216.C} _____
 Distance to nearest lease line _____ Is location in a High Density Area (rule 603b)? Yes/No NO
 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 _____ Spacing order number _____ Unit Acreage _____ Unit configuration _____
 Remove from surface bond
 Signed surface use agreement attached

CHANGE OF OPERATOR (prior to drilling):

Effective Date: _____ From: _____ **CHANGE WELL NAME** _____ **NUMBER** _____
 Plugging Bond: Blanket Individual 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

Method used _____ Cementing tool setting/perf depth _____ Cement volume _____ Cement top _____ Cement bottom _____ Date _____
 *submit cbi and cement job summaries

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: 12/07/2010
 Report of Work Done
 Date Work Completed: _____

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

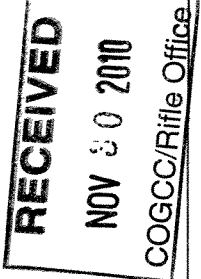
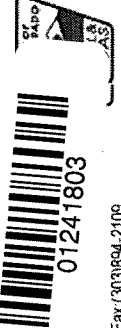
Intent to Recomplete (submit form 2)
 Change Drilling Plans
 Gross Interval Changed?
 Casing/Cementing Program Change
 Request to Vent/Flare
 Repair Well
 Rule 602 variance requested
 Other: Remedial Cement Squeeze
 E&P Waste Disposal
 Beneficial Reuse of E&P Waste
 Status Update/Change of Remediation Plans
 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: *Angela Neifert* Date: 11/30/10 Email: Angela.Neifert@williams.com
 Print Name: Angela J. Neifert Title: Permit Technician

OGCC Approved: _____ Title: EIT-3 Date: 11/30/2010

CONDITIONS OF APPROVAL, IF ANY:



TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY

RECEIVED

NOV 30 2010

COGCC/Rifle Office

1. OGCC Operator Number: 96850 API Number: 05-045-16264-00
2. Name of Operator: Williams Production RMT Co OGCC Facility ID #
3. Well/Facility Name: Kokopelli Fed Well/Facility Number: 18-213D
4. Location (Qtr, Sec, Twp, Rng, Meridian): SWSE Section 18-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

Purpose: Remediate bradenhead pressure

Well Information:

- API Number: 05-045-16264
- Production Casing: 4-1/2" 11.6# N-80
- Shoe Depth: 7440 ft
- Surface Casing Depth: 847 ft
- Tubing: 2 3/8" N-80 at 6,955 ft
- Perforated Interval: 5132 ft - 7302 ft
- Top of Mesaverde: 3,578 ft
- Top of Gas: 5,139 ft
- Correlate Log: Schlumberger OH Log - 10/4/08
- Current TOC: Good Bond: 2792 ft Poor Bond: 1,140 ft
(Lone Wolf CBL 11/11/2008)
- Max pressure: 7,000 psi

← COGCC: CBL looks good to 1950'
See 11/30/2010

Well History:

- Orion drilled and completed this well. Spud date was 9/22/2008. Original CBL shows good bond to 2792 ft and poor bond up to 1140 ft. Orion reports noted there was no bradenhead pressure during completion. Currently, when the bradenhead valve is shut it will reach 150 psi in 60 hours. When blowing down there is only gas, no fluid. Once blown down there is not enough gas to see or hear. Williams submitted Sundry to Vent Bradenhead for 90 Days to COGCC and BLM on 8/23/2010.
- Awaiting isotopic gas analysis results

Proposed Procedure:

- 1 MIRU service unit. POOH w/ 2 3/8" tbg
- 2 RIH w/ wireline and set CBP at 3000 ft.
Perforate sqz holes at 1,650 ft (per BLM)
Pump injection test
Set retainer at 1,600 ft
- 3 MIRU HES Cement Crew. Sting into retainer and pump 20 bbl inj test
Pump 175 sks 16.2 ppg Cement per attached design
Pump 30 sks 17.0 ppg Neat G Tail Cement
Displace to within 0.5 bbls of EOT
- 4 Sting out of retainer, pump 0.5 bbls of cement on top of retainer.
Reverse circulate tubing.
SI Bradenhead to allow cement to set - Monitor pressure.
POOH with tubing and SDFN.
- 5 Allow for 24 - 48 hrs cement set time.
- 6 RIH with bit and 2 3/8" tubing. Drill out Cement Retainer/cement
POOH bit and tubing.
Run CBL from 2,500 ft to surface (Send .pdf and hard copy to Parachute)
Chart and Pressure test squeeze holes to 1500 psi (see calculations below)
Monitor Bradenhead Pressure - Call Parachute if it reaches 150 psi.
- 7 RIH w/ bit and 2 3/8" tubing
Drill out CBP at 3000 ft.
Clean out rathole
Return well to production

Pressure Test Calculations:

- Shut in Casing Pressure: 1105 psi (approx 90 days)
- Fluid Level: 7208 ft
- Gas Grad: 0.15 psi/ft
- Fluid Grad: 0.447 psi/ft
- Bottom Perf: 7302 ft
- Estimated Reservoir Pressure=Surf Press+Gas Hydro+Fluid Hydro
ERP=1105 psi+(7208 ft x 0.15 psi/ft)+(94 ft x 0.447 psi/ft)
- ERP=2228 psi
- Test Pressure=ERP - Fluid Hydrostatic to Sqz Holes
- Test Pressure=2228 psi - (1650 ft x 0.447 psi/ft)
- Test Pressure = 1490 psi