

## State of Colorado

## Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303)294-2100 Fax: (303)294-2108



## 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  
12/15/2011

1. OGCC Operator Number: 10071	4. Contact Name: Brady Riley	Complete the Attachment Checklist OP OGCC
2. Name of Operator: Bill Barrett Corporation	Phone: 3033128115	
3. Address: 1099 18th Street, ste 2300	Fax: 3033128134	
City: Denver State: CO Zip: 80202		
5. API Number: 05-045-19916	OGCC Facility ID Number: 418772	Survey Plat
6. Well/Facility Name: Kaufman	7. Well/Facility Number: 21A-24-692	Directional Survey
8. Location (Qtr/Sec, Twp, Rng, Meridian): SWNE, Sec. 24, T6S-R92W, 6TH PM		Surface Equip Diagram
9. County: Garfield	10. Field Name: Mamm Creek	Technical Info Page <input checked="" type="checkbox"/>
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"/>
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
	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	Signed surface use agreement attached
Formation Code	
Spacing order number	
Unit Acreage	
Unit configuration	
<input type="checkbox"/> CHANGE OF OPERATOR (prior to drilling):	<input type="checkbox"/> CHANGE WELL NAME
Effective Date:	From:
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: 12/19/2011	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: Relocation of Frac Sand	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: Brady Riley Date: 12/15/2011 Email: briley@billbarrettcorp.com  
Print Name: Brady Riley Title: Permit AnalystCOGCC Approved: Sandra Smyth Title: \_\_\_\_\_ Date: 12/19/2011CONDITIONS OF APPROVAL, IF ANY: See COAs attached to approval

# TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY

1. OGCC Operator Number: 10071	API Number: 05-045-19916
2. Name of Operator: Bill Barrett Corporation	OGCC Facility ID # 418772
3. Well/Facility Name: Kaufman	Well/Facility Number: 21A-24-692
4. Location (QtrQtr, Sec, Twp, Rng, Meridian): SWNE, Sec. 24, T6S-R92W, 6th PM	

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 sundry is being submitted as notification that due to pad size limitations, the flowback sand from this pad (1800 sacks) will be temporarily relocated to the BBC 12A-34-692 pad (Location ID # 335442) in the SENE, Sec. 23, T6S-R92W for approximately 4-5 months (BBC 12A-34-692 pad is on BBC surface).

1. Isotopic Tracers -- BBC is currently not running anything to detect this at the moment on any pads in Mamm Creek.
2. 910-1 -- As outlined below under #4, our plan is to sample all of the sand for 910-1 when completions are finished and determine the final disposition of the sand based on those results. Once sampled, results are provided within 1-2 weeks.
3. Stream crossings between the Kaufman 6 pad and the BBC 12A-34-692 pad -- there is one dry wash that is crossed in the 1/2 mile transport from Kaufman #6 to the CB pad. No live streams are crossed.
4. Disposal & BMPs -- the general process that will be followed is outlined below:
  - a. As the frac sand is recovered on the Kaufman #6, it is washed with hot water and soap before being placed in a lined containment on the BBC 12A-34-692 pad. The wash water is captured and placed back into our water management system.
  - b. At the BBC 12A-34-692 pad, the sand will be placed in a lined and bermed (app. 2-foot high berm) containment.
  - c. Any water that builds up in the lined containment is removed periodically with a vacuum truck and the water is placed back into our water management system.
  - d. When all of the sand has been transported to the BBC 12A-34-692 pad, we will have a consultant sample the sand for 910-1 analysis to determine whether it needs further treatment prior to taking it back to the Kaufman #6 and incorporating it into the reclaim.
    - i. If the analyses meet the 910-1 levels, the sand will be transported back to the Kaufman #6 and incorporated into the reclaim.
    - ii. If the analyses meet all 910-1, except SAR, the sand will be incorporated into the reclaim but buried under at least 3 feet of native material.
    - iii. If the analyses do not meet 910-1, the sand will be washed with hot water and soap in the lined containment and resampled. This process will continue until the sand meets 910-1 and then the sand will be transported back to the Kaufman #6 and handled as outlined under i. and ii. above. All wash water is captured and put back into our water management system.

*See COAs - JS*