

State of Colorado
Oil and Gas Conservation Commission

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



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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:	10071	4. Contact Name	Tracey Fallang	Complete the Attachment Checklist OF OGCC
2. Name of Operator:	Bill Barrett Corporation	Phone:	303-312-8134	
3. Address:	1099 18th Street, Suite 2300 City: Denver State: CO Zip: 80202	Fax:	303-291-0420	
5. API Number	05- pending	OGCC Facility ID Number		Survey Plat
6. Well/Facility Name:	Gray	7. Well/Facility Number	14N-15-37-17	Directional Survey
8. Location (Qtr/Qtr, Sec, Twp, Rng, Meridian):	SESW, Sec. 15, T37N, R17W, NMPM			Surface Eqmnt Diagram
9. County:	Montezuma	10. Field Name:	99999	Technical Info Page
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:	FNL/FSL	FEL/FWL
Change of Surface Footage to Exterior Section Lines:		
Change of Bottomhole Footage from Exterior Section Lines:		
Change of Bottomhole Footage to Exterior Section Lines:		
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)?
Ground Elevation	Distance to nearest well same formation	Surface owner consultation date: Yes/No

GPS DATA:

Date of Measurement PDOP Reading Instrument Operator's Name

<input type="checkbox"/> CHANGE SPACING UNIT	Formation	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):	<input type="checkbox"/> CHANGE WELL NAME	NUMBER
Effective Date:	From:	To:
Plugging Bond: <input type="checkbox"/> Blanket <input type="checkbox"/> Individual	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	Data 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 checked="" type="checkbox"/> REQUEST FOR CONFIDENTIAL STATUS (8 mos from date casing set)
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<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.	<input type="checkbox"/> Final reclamation is completed and site is ready for inspection.
Final reclamation will commence on approximately	

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 checked="" type="checkbox"/> Casing/Cementing Program Change	<input type="checkbox"/> Other:	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:

Tracey Fallang

Date: 04/08/2010

Email: tfallang@billbarrettcorp.com

Print Name:

Tracey Fallang

Title: Regulatory Analyst

OGCC Approved:

CONDITIONS OF APPROVAL, IF ANY:

Title:

Date:

TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY

1. OGCC Operator Number: 10071 API Number: _____
2. Name of Operator: Bill Barrett Corporation OGCC Facility ID # _____
3. Well/Facility Name: Gray Well/Facility Number: 14N-15-37-17
4. Location (QtrQtr, Sec, Twp, Rng, Meridian): SESW, Sec. 15, T37N, R17W, NMPM

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

Two options for the casing/cementing design are being requested. As this is still exploratory in nature, BBC would like to have the option to either run an intermediate string in this well or omit it and set only a production string cemented to surface. The horizontal plans submitted with the APD will not change other than the potential omission of the 7" string casing noted. Please see the attached spreadsheet for the two options proposed.

Size of Hole		Size of Casing	Weight/vft	Setting Depth (MD)	Sx Cement	Cmt Btm	Cmt Top
Option A - Swell Packers in Open Hole							
Conductor	26"	16"	65#	80'	gROUT	80'	surface
Surface	12 1/4"	9 5/8"	36#	2000'	760	2000'	surface
Intermediate	8 3/4"	7"	26#	5968'	800	5968'	surface
Production	6 1/8"	4 1/2"	11.6# or 15.1#	11,241'	N/A	N/A	N/A
Option B - Cemented Production Casing to Surface (no intermediate string)							
Conductor	26"	16"	65#	80'	gROUT	80'	surface
Surface	12 1/4"	9 5/8"	36#	2000'	760	2000'	surface
Production	6 1/8"	4 1/2"	11.6# or 15.1#	9808'	1320	9808'	surface

BBC will provide cement coverage to surface on either option, for each string cemented. If the cement drops out of eyesight following circulation, BBC will run a temperature log.



Bill Barrett Corporation

YELLOW JACKET CEMENT VOLUMES

Well Name:

Gray 14W-15-37-17

Surface Hole Data:

Total Depth:	2,000'
Top of Cement:	0'
OD of Hole:	12.250"
OD of Casing:	9.625"

Calculated Data:

Lead Volume:	469.6	ft ³
Lead Fill:	1,500'	
Tail Volume:	156.6	ft ³
Tail Fill:	500'	

Cement Data:

Lead Yield:	1.98	ft ³ /sk
Tail Yield:	1.15	ft ³ /sk
% Excess:	100%	

Calculated # of Batches:

# SK's Lead:	480
# SK's Tail:	280

Intermediate Hole Data: Option A

Total Depth:	5,968'
Top of Cement:	0'
OD of Hole:	8.750"
OD of Casing:	7.000"

Calculated Data:

Lead Volume:	897.2	ft ³
Lead Fill:	5,968'	

Cement Data:

Lead Yield:	1.47	ft ³ /sk
% Excess:	30%	

Calculated # of Batches:

# SK's Lead:	800
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Production Hole Data: Option B

Total Depth:	9808
Top of Cement:	0
OD of Hole:	6.125
OD of Casing:	4.5

Calculated Data:

Lead Volume:	1349.67	ft ³
Lead Fill:	9808	

Cement Data:

Lead Yield:	1.331	ft ³ /sk
% Excess:	30%	

Calculated # of Batches:

# SK's Lead:	1320
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Gray 14N-15-37-17 Proposed Cementing Program

<u>Job Recommendation</u>		<u>Surface Casing</u>	
Lead Cement - (1500' - 0')			
Halliburton Light Premium		Fluid Weight:	12.3 lbm/gal
2.0% Calcium Chloride		Slurry Yield:	1.98 ft ³ /sk
0.25 lbm/sk Play-E-Flake		Total Mixing Fluid:	10.6 Gal/sk
		Top of Fluid:	0'
		Calculated Fill:	1,500'
		Volume:	167.33 bbl
		Proposed Sacks:	480 sbs
Tall Cement - (2000' - 1500')			
Premium Cement		Fluid Weight:	15.8 lbm/gal
94 lbm/sk Premium Cement		Slurry Yield:	1.15 ft ³ /sk
1.0% Calcium Chloride		Total Mixing Fluid:	5.2 Gal/sk
0.25 lbm/sk Play-E-Flake		Top of Fluid:	1,500'
		Calculated Fill:	500'
		Volume:	59.05 bbl
		Proposed Sacks:	280 sbs

<u>Job Recommendation</u>		<u>Intermediate Casing</u>	
Lead Cement - (5968' - 0')			
50/50 Poz Premium		Fluid Weight:	13 lbm/gal
3.0 % Bentonite Total		Slurry Yield:	1.47 ft ³ /sk
5.0 lbm/sk Gilsonite		Total Mixing Fluid:	6.39 Gal/sk
0.6% Halad®-9		Top of Fluid:	0'
0.3% CFR-3		Calculated Fill:	5,968'
0.125 lbm/sk Flocele		Volume:	207.71 bbl
		Proposed Sacks:	800 sbs

<u>Job Recommendation</u>		<u>Production Casing</u>	
Lead Cement - (9808' - 0')			
50/50 Poz Premium		Fluid Weight:	13.5 lbm/gal
4.0 % Bentonite Total		Slurry Yield:	1.33 ft ³ /sk
0.5% Halad®-344		Total Mixing Fluid:	5.818 Gal/sk
0.4% Halad 413		Top of Fluid:	0'
0.3% Econolite		Calculated Fill:	9,808'
0.2% Versaset			
0.4% HR-5 (Retarder)		Volume:	560.30 bbl
0.3% Super CBL (Expander)		Proposed Sacks:	1320 sbs