

**State of Colorado  
Oil and Gas Conservation Commission**

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



FOR OGCC USE ONLY

**RECEIVED**  
**4/11/2011**

**SPILL/RELEASE REPORT**

This form is to be submitted by the party responsible for the oil and gas spill or release. Any spill or release which may impact waters of the State must be reported as soon as practicable; any spill over 20 bbls must be reported within 24 hours and all spills over five bbls must be reported within ten days. Submit a Site Investigation and Remediation Workplan (Form 27) when requested by the Director.

Spill report taken by:

FACILITY ID:

**OPERATOR INFORMATION**

|  |                                |   |
|--|--------------------------------|---|
| Name of Operator: <u>Bill Barrett Corporation</u>    | OGCC Operator No: <u>10071</u> | Phone Numbers                           |
| Address: <u>112 Red Feather Trail</u>                |                                | No: <u>(970) 876-1959</u>               |
| City: <u>Silt</u> State: <u>CO</u> Zip: <u>81652</u> |                                | Fax: <u>(970) 876-0981</u>              |
| Contact Person: <u>Scott Ghan</u>                    |                                | Email: <u>sghan@billbarrettcorp.com</u> |

**DESCRIPTION OF SPILL OR RELEASE**

|  |   |  |
|--|---|--|
| Date of Incident: <u>4/2/2011</u>  | Facility Name & No: <u>Circle B #4 SWD</u>  | County: <u>Garfield</u>                        |
| Type of Facility (well, tank battery, flow line, pit): <u>SWD Facility</u>   |   | QtrQtr: <u>NWSE</u> Section: <u>35</u>         |
| Well Name and Number: <u>Circle B Land #33A-35-692 SWD</u>   |   | Township: <u>6S</u> Range: <u>92W</u>          |
| API Number: <u>05-045-18493</u>  |   | Meridian: <u>6th</u>                           |
| Specify volume spilled and recovered (in bbls) for the following materials:  |   |  |
| Oil spilled: <u>25</u> Oil recov'd: <u>25</u>  | Water spilled: <u>15</u> Water recov'd: <u>15</u>   | Other spilled: <u>0</u> Other recov'd <u>0</u> |
| Ground Water impacted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   | Surface Water impacted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |  |
| Contained within berm? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No   | Area and vertical extent of spill: <u>approx. 30 ft x 30 ft</u> x <u>4 in</u>               |  |
| Current land use: <u>Rangeland</u>   | Weather conditions: <u>Sunny ~70°</u>   |  |
| Soil/geology description: <u>Potts loam, 6 to 12 percent slopes</u>  |   |  |
| <b>IF LESS THAN A MILE</b> , report distance <b>IN FEET</b> to nearest ... Surface water: <u>260' N</u> wetlands: <u>NA</u> buildings: <u>1720' NE</u> |   |  |
| Livestock: <u>unknown</u> Water wells: <u>615' SE</u> Depth to shallowest ground water: <u>~20'</u>  |   |  |
| Cause of spill (e.g. equipment failure, human error, etc.): <u>Automation Failure</u>  |   |  |
| An automation failure caused a produced water/condensate tank to overflow.   |   |  |

**CORRECTIVE ACTION**

|  |
|--|
| Describe immediate response (how stopped, contained and recovered): The valve to the tank was closed manually. The produced water/condensate in the lined containment was immediately removed by a vacuum truck. The remaining ballast material was flushed with hot fresh water to remove any residual hydrocarbons. BBC personnel visually inspected the exterior of the lined steel containment and found no evidence the liner system had been compromised. The tank battery continues to operate at the facility. |
| Describe any emergency pits constructed: <u>NA</u>   |
| How was the extent of contamination determined? All the released produced water and condensate remained inside a lined steel containment. Due to the lined steel containment no soil or groundwater has been impacted.   |
| Further remediation activities proposed (attach separate sheet if needed): BBC will sample the ballast material for BTEX, TPH-GRO, TPH-DRO, and PAHs to determine whether the current response has remediated any residual hydrocarbons. Based on the analysis, BBC will determine whether a liquid microbial amendment (Microblaze®) will be applied to remediate any residual hydrocarbons or if a No Further Action Request will be submitted to the COGCC.   |
| Describe measures taken to prevent problem from reoccurring: The tanks will be automatically and manually gauged at more frequent scheduled intervals.   |

**OTHER NOTIFICATIONS**

List the parties and agencies notified (County, BLM, EPA, DOT, Local Emergency Planning Coordinator or other).

| Date     | Agency | Contact             | Phone        | Response                             |
|----------|--------|---------------------|--------------|--------------------------------------|
| 4/2/2011 | COGCC  | Linda Spry O'Rourke | 970-309-3356 | Expressed approval for actions taken |
|          |        |                     |              |                                      |
|          |        |                     |              |                                      |
|          |        |                     |              |                                      |

Spill/Release Tracking No: 2213234