

|                               |  |  |                      |
|-------------------------------|--|--|----------------------|
| <b>FORM INSP</b><br>Rev 05/11 | <b>State of Colorado</b><br><b>Oil and Gas Conservation Commission</b><br>1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109 |  | DE<br>ET<br>OE<br>ES |
|-------------------------------|--|--|----------------------|

Inspection Date:  
07/03/2013

Document Number:  
670200627

Overall Inspection:  
Satisfactory

**FIELD INSPECTION FORM**

|                     |                              |                         |   |   |                   |
|---------------------|------------------------------|-------------------------|---|---|-------------------|
| Location Identifier | Facility ID<br><u>415117</u> | Loc ID<br><u>415116</u> | Inspector Name:<br><u>BURGER, CRAIG</u> | On-Site Inspection <input type="checkbox"/> | 2A Doc Num: _____ |
|---------------------|------------------------------|-------------------------|---|---|-------------------|

**Operator Information:**

OGCC Operator Number: 10071 Name of Operator: BARRETT CORPORATION\* BILL

Address: 1099 18TH ST STE 2300

City: DENVER State: CO Zip: 80202

**Contact Information:**

| Contact Name    | Phone | Email                       | Comment             |
|-----------------|-------|-----------------------------|---------------------|
| Kellerby, Shaun |       | Shaun.Kellerby@state.co.us  | NW Field Supervisor |
| Axelson, Aaron  |       | aaxelson@billbarrettcop.com | Production Foreman  |
| Merry, Jesse    |       | jmerry@billbarrettcop.com   | Area Superintendent |

**Compliance Summary:**

QtrQtr: SWNW Sec: 33 Twp: 6S Range: 91W

| Insp. Date | Doc Num   | Insp. Type | Insp Status | Satisfactory /Unsatisfactory | PA P/F/I | Pas/Fail (P/F) | Violation (Y/N) |
|------------|-----------|------------|-------------|------------------------------|----------|----------------|-----------------|
| 04/02/2013 | 670200310 | PR         | PR          | V                            |          |                | Y               |
| 03/17/2011 | 200306952 | PR         | PR          | S                            |          |                | N               |

**Inspector Comment:**

Issue from previous inspection has been addressed.

**Related Facilities:**

| Facility ID | Type | Status | Status Date | Well Class | API Num   | Facility Name      |   |
|-------------|------|--------|-------------|------------|-----------|--------------------|---|
| 415094      | WELL | PR     | 11/11/2010  | GW         | 045-18965 | GGU FED 42C-32-691 | X |
| 415098      | WELL | PR     | 08/18/2010  | GW         | 045-18967 | FEDERAL 22B-33-691 | X |
| 415101      | WELL | PR     | 08/18/2010  | GW         | 045-18969 | GGU FED 12B-33-691 | X |
| 415112      | WELL | PR     | 07/21/2010  | GW         | 045-18974 | GGU FED 43C-32-691 | X |
| 415115      | WELL | PR     | 08/18/2010  | GW         | 045-18976 | FEDERAL 22A-33-691 | X |
| 415117      | WELL | PR     | 07/21/2010  | GW         | 045-18977 | GGU FED 43D-32-691 | X |
| 415119      | WELL | PR     | 11/11/2010  | GW         | 045-18979 | GGU FED 42B-32-691 | X |
| 415123      | WELL | PR     | 07/21/2010  | GW         | 045-18981 | GGU FED 43B-32-691 | X |
| 415134      | WELL | PR     | 07/21/2010  | GW         | 045-18986 | GGU FED 43A-32-691 | X |
| 415135      | WELL | PR     | 08/18/2010  | GW         | 045-18987 | FEDERAL 22C-33-691 | X |
| 415137      | WELL | PR     | 08/17/2010  | GW         | 045-18988 | GGU FED 12A-33-691 | X |
| 415138      | WELL | PR     | 09/22/2010  | GW         | 045-18989 | GGU FED 12C-33-691 | X |
| 415139      | WELL | PR     | 09/22/2010  | GW         | 045-18990 | GGU FED 12D-33-691 | X |
| 415141      | WELL | PR     | 11/08/2010  | GW         | 045-18991 | GGU FED 42D-32-691 | X |
| 415142      | WELL | PR     | 11/11/2010  | GW         | 045-18992 | GGU FED 42A-32-691 | X |
| 415143      | WELL | PR     | 09/22/2010  | GW         | 045-18993 | GGU FED 41A-32-691 | X |

|        |      |    |            |    |           |                    |                                     |
|--------|------|----|------------|----|-----------|--------------------|-------------------------------------|
| 415144 | WELL | PR | 09/22/2010 | GW | 045-18994 | FEDERAL 22D-33-691 | <input checked="" type="checkbox"/> |
|--------|------|----|------------|----|-----------|--------------------|-------------------------------------|

**Equipment:** Location Inventory

|                             |                         |                        |                          |
|-----------------------------|-------------------------|------------------------|--------------------------|
| Special Purpose Pits: _____ | Drilling Pits: <u>1</u> | Wells: <u>17</u>       | Production Pits: _____   |
| Condensate Tanks: <u>6</u>  | Water Tanks: <u>4</u>   | Separators: <u>17</u>  | Electric Motors: _____   |
| Gas or Diesel Motors: _____ | Cavity Pumps: _____     | LACT Unit: _____       | Pump Jacks: _____        |
| Electric Generators: _____  | Gas Pipeline: <u>1</u>  | Oil Pipeline: <u>1</u> | Water Pipeline: <u>1</u> |
| Gas Compressors: _____      | VOC Combustor: <u>2</u> | Oil Tanks: _____       | Dehydrator Units: _____  |
| Multi-Well Pits: _____      | Pigging Station: _____  | Flare: _____           | Fuel Tanks: _____        |

**Location**

| <b>Signs/Marker:</b> |                             |         |                   |         |
|----------------------|-----------------------------|---------|-------------------|---------|
| Type                 | Satisfactory/Unsatisfactory | Comment | Corrective Action | CA Date |
| BATTERY              | Satisfactory                |         |                   |         |
| WELLHEAD             | Satisfactory                |         |                   |         |
| TANK LABELS/PLACARDS | Satisfactory                |         |                   |         |

Emergency Contact Number: (S/U/V) Satisfactory Corrective Date: \_\_\_\_\_

Comment: \_\_\_\_\_

Corrective Action: \_\_\_\_\_

| <b>Good Housekeeping:</b> |                             |                                |                   |         |
|---------------------------|-----------------------------|--------------------------------|-------------------|---------|
| Type                      | Satisfactory/Unsatisfactory | Comment                        | Corrective Action | CA Date |
| STORAGE OF SUPL           | Satisfactory                | Water pipe stored on location. |                   |         |

| <b>Spills:</b> |          |           |   |            |
|----------------|----------|-----------|---|------------|
| Type           | Area     | Volume    | Corrective action   | CA Date    |
| Other          | WELLHEAD | <= 5 bbls | Methanol/isopropanol descaler leak at wellhead 045-18988. Pumper on location at time of inspection and stopped leak. Clean up impacted soil/gravel in cellar. | 07/24/2013 |

Multiple Spills and Releases?

| <b>Fencing/:</b>  |                             |                        |                   |         |
|-------------------|-----------------------------|------------------------|-------------------|---------|
| Type              | Satisfactory/Unsatisfactory | Comment                | Corrective Action | CA Date |
| IGNITOR/COMBUSTOR | Satisfactory                | wire fence             |                   |         |
| PIT               | Satisfactory                | wildlife fence and net |                   |         |
| WELLHEAD          | Satisfactory                | cattle panel           |                   |         |
| SEPARATOR         | Satisfactory                | cattle panel           |                   |         |

| <b>Equipment:</b>   |    |                             |                |                   |         |
|---------------------|----|-----------------------------|----------------|-------------------|---------|
| Type                | #  | Satisfactory/Unsatisfactory | Comment        | Corrective Action | CA Date |
| Ancillary equipment | 5  | Satisfactory                | descaler units |                   |         |
| Plunger Lift        | 17 | Satisfactory                |                |                   |         |
| Bird Protectors     | 16 | Satisfactory                |                |                   |         |
| Gathering Line      | 1  | Satisfactory                |                |                   |         |

|                         |   |              |  |  |
|-------------------------|---|--------------|--|--|
| Pig Station             | 1 | Satisfactory |  |  |
| Emission Control Device | 1 | Satisfactory |  |  |
| Gas Meter Run           | 3 | Satisfactory |  |  |

**Facilities:**  New Tank Tank ID: \_\_\_\_\_

| Contents       | # | Capacity | Type      | SE GPS                |
|----------------|---|----------|-----------|-----------------------|
| PRODUCED WATER | 1 | 200 BBLS | STEEL AST | 39.485790,-107.568010 |

S/U/V: Satisfactory Comment: Connected to bradens of 045-18989, 045-18979, and 045-18992

Corrective Action: \_\_\_\_\_ Corrective Date: \_\_\_\_\_

Paint

|           |          |
|-----------|----------|
| Condition | Adequate |
|-----------|----------|

Other (Content) \_\_\_\_\_  
 Other (Capacity) \_\_\_\_\_  
 Other (Type) \_\_\_\_\_

Berms

| Type  | Capacity | Permeability (Wall) | Permeability (Base) | Maintenance |
|-------|----------|---------------------|---------------------|-------------|
| Earth | Adequate | Walls Sufficent     | Base Sufficient     | Adequate    |

Corrective Action \_\_\_\_\_ Corrective Date \_\_\_\_\_

Comment HDPE lined.

**Facilities:**  New Tank Tank ID: \_\_\_\_\_

| Contents   | #  | Capacity | Type             | SE GPS                |
|------------|----|----------|------------------|-----------------------|
| CONDENSATE | 10 | 500 BBLS | HEATED STEEL AST | 39.485640,-107.569190 |

S/U/V: Satisfactory Comment: \_\_\_\_\_

Corrective Action: \_\_\_\_\_ Corrective Date: \_\_\_\_\_

Paint

|           |          |
|-----------|----------|
| Condition | Adequate |
|-----------|----------|

Other (Content) \_\_\_\_\_  
 Other (Capacity) \_\_\_\_\_  
 Other (Type) \_\_\_\_\_

Berms

| Type  | Capacity | Permeability (Wall) | Permeability (Base) | Maintenance |
|-------|----------|---------------------|---------------------|-------------|
| Metal | Adequate | Walls Sufficent     | Base Sufficient     | Adequate    |

Corrective Action \_\_\_\_\_ Corrective Date \_\_\_\_\_

Comment \_\_\_\_\_

**Venting:**

|        |                     |
|--------|---------------------|
| Yes/No | Comment             |
| YES    | bradenheads venting |

**Flaring:**

| Type              | Satisfactory/Unsatisfactory | Comment | Corrective Action | CA Date |
|-------------------|-----------------------------|---------|-------------------|---------|
| Ignitor/Combustor | Satisfactory                |         |                   |         |

**Predrill**

Location ID: 415116

**Site Preparation:**

Lease Road Adeq.: \_\_\_\_\_ Pads: \_\_\_\_\_ Soil Stockpile: \_\_\_\_\_  
 Corrective Action: \_\_\_\_\_ Date: \_\_\_\_\_ CDP Num.: \_\_\_\_\_

**Form 2A COAs:**

| Group  | User    | Comment   | Date       |
|--------|---------|---|------------|
| Agency | yokleyb | Location is in a sensitive area because of close proximity to surface water, therefore, operator must ensure 110 percent secondary containment for any volume of fluids contained at well site during drilling and completion operations. | 12/08/2009 |
| Agency | yokleyb | Operator must implement best management practices to contain any unintentional release of fluids.   | 12/08/2009 |
| Agency | yokleyb | Location may be in a sensitive area due to shallow groundwater; therefore if drilling pits intercept groundwater the pit must be lined or a closed loop system must be used.  | 12/08/2009 |

**Comment:** Operator appears to be following these COA's

**CA:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Wildlife BMPs:**

| BMP Type      | Comment   |
|---------------|---|
| PROPOSED BMPs | <p>STORM WATER BEST MANAGEMENT PRACTICES   OCT 21 2009</p> <p>BILL BARRETT CORPORATION</p> <p>GENERAL BMPs</p> <ul style="list-style-type: none"> <li>• Utilize diking and other forms of containment and diversions around tanks, drums, chemicals, liquids, pits, and impoundments.</li> <li>• Use drip pans, sumps, or liners where appropriate.</li> <li>• Limit the amount of land disturbed during construction of pad, access road, and facilities.</li> <li>• Employ spill response plan for all facilities.</li> <li>• Dispose properly offsite any wastes, fluids and other materials.</li> </ul> <p>MATEIAL HANDLING, ACTIVITIES, PRACTICES AND STORM WATER</p> <p>DIVERSION</p> <p>Secondary containment of tanks, drums, and storage areas is mandatory to prohibit discharges to surface waters. A minimum of 110% capacity required of largest storage within containment area.</p> <p>Material handling and spill prevention procedures and practices will be followed to prohibit discharges to surface waters.</p> <p>Proper loading, unloading and transportation procedures to be followed for all materials to and from location.</p> <p>EROSION CONTROL</p> <p>Pad and access road to be designed to minimize erosion.</p> <p>Pad and access road to implement appropriate erosion control devices where necessary to minimize erosion.</p> <p>Routine inspections of sites and controls to be implemented with additions, repairs, and optimization to occur as necessary to minimize erosion.</p> |

**SELF INSPECTION, MAINTANENCE, AND HOUSEKEEPING**

- All employees are trained in spill response, good housekeeping, material management practices, and procedures for equipment and container washing at least once per year.
- Conduct internal storm water inspections at least semi - annually and within 24 hours of a heavy rain event.
- Conduct routine inspections of all tanks and storage facilities at least weekly.
- All containment areas are to be inspected weekly or following a heavy rain event. Any excessive precipitation accumulation within containment should be removed and disposed of properly.
- All structural berms, dikes, and containment will be inspected periodically to ensure they are operating correctly.
- Minimum of an annual storm water BMP inspection and outcome report documenting status, including repairs.

**SPILL RESPONSE**

- Follow spill response procedures.
- If spill occurs:
  - Safely stop the source of the spill immediately.
  - Contain the spill until clean-up is complete.
  - Cover spill with appropriate absorbent material.
  - Keep the area well ventilated.
  - Dispose of clean-up materials properly.
  - Do not use emulsifier or dispersant.

**VEHICLE & LOCATION PROCEDURES**

- Vehicles entering location are to be free of chemical, oil, mud, weeds, trash, and debris.
- Location to be treated to kill weeds and bladed when necessary.

**Comment:** Operator appears to be following these COA's

**CA:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Stormwater:**

| Erosion BMPs | Present | Other BMPs | Present |
|--------------|---------|------------|---------|
|              |         |            |         |

Corrective Action: \_\_\_\_\_ Date: \_\_\_\_\_

Comments: Erosion BMPs: \_\_\_\_\_

Other BMPs: \_\_\_\_\_

**Comment:** \_\_\_\_\_

**Staking:** \_\_\_\_\_

**On Site Inspection (305):**

Surface Owner Contact Information:  
 Name: \_\_\_\_\_ Address: \_\_\_\_\_  
 Phone Number: \_\_\_\_\_ Cell Phone: \_\_\_\_\_

Operator Rep. Contact Information:  
 Landman Name: \_\_\_\_\_ Phone Number: \_\_\_\_\_  
 Date Onsite Request Received: \_\_\_\_\_ Date of Rule 306 Consultation: \_\_\_\_\_  
 Request LGD Attendance: \_\_\_\_\_

LGD Contact Information:  
 Name: \_\_\_\_\_ Phone Number: \_\_\_\_\_ Agreed to Attend: \_\_\_\_\_

Summary of Landowner Issues:  
 \_\_\_\_\_

Summary of Operator Response to Landowner Issues:  
 \_\_\_\_\_

Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:  
 \_\_\_\_\_

**Facility**

Facility ID: 415094 Type: WELL API Number: 045-18965 Status: PR Insp. Status: PR

**Producing Well**

Comment: plunger lift

Facility ID: 415098 Type: WELL API Number: 045-18967 Status: PR Insp. Status: PR

**Producing Well**

Comment: plunger lift

Facility ID: 415101 Type: WELL API Number: 045-18969 Status: PR Insp. Status: PR

**Producing Well**

Comment: plunger lift

Facility ID: 415112 Type: WELL API Number: 045-18974 Status: PR Insp. Status: PR

**Producing Well**

Comment: plunger lift

Facility ID: 415115 Type: WELL API Number: 045-18976 Status: PR Insp. Status: PR

**Producing Well**

Comment: plunger lift

Facility ID: 415117 Type: WELL API Number: 045-18977 Status: PR Insp. Status: PR

**Producing Well**

Comment: plunger lift

Facility ID: 415119 Type: WELL API Number: 045-18979 Status: PR Insp. Status: PR

**Producing Well**

Comment: plunger lift

Facility ID: 415123 Type: WELL API Number: 045-18981 Status: PR Insp. Status: PR

**Producing Well**

Comment: plunger lift

Facility ID: 415134 Type: WELL API Number: 045-18986 Status: PR Insp. Status: PR

**Producing Well**

Comment: plunger lift

Facility ID: 415135 Type: WELL API Number: 045-18987 Status: PR Insp. Status: PR

**Producing Well**

Comment: plunger lift

Facility ID: 415137 Type: WELL API Number: 045-18988 Status: PR Insp. Status: PR

**Producing Well**

Comment: plunger lift

Facility ID: 415138 Type: WELL API Number: 045-18989 Status: PR Insp. Status: PR

**Producing Well**

Comment: plunger lift

Facility ID: 415139 Type: WELL API Number: 045-18990 Status: PR Insp. Status: PR

**Producing Well**

Comment: plunger lift

Facility ID: 415141 Type: WELL API Number: 045-18991 Status: PR Insp. Status: PR

**Producing Well**

Comment: plunger lift

Facility ID: 415142 Type: WELL API Number: 045-18992 Status: PR Insp. Status: PR

**Producing Well**

Comment: plunger lift

Facility ID: 415143 Type: WELL API Number: 045-18993 Status: PR Insp. Status: PR

**Producing Well**

Comment: plunger lift

Facility ID: 415144 Type: WELL API Number: 045-18994 Status: PR Insp. Status: PR

**Producing Well**

Comment: plunger lift

**Environmental**

**Spills/Releases:**

Type of Spill: \_\_\_\_\_ Description: \_\_\_\_\_ Estimated Spill Volume: \_\_\_\_\_  
 Comment: \_\_\_\_\_  
 Corrective Action: \_\_\_\_\_ Date: \_\_\_\_\_

Reportable: \_\_\_\_\_ GPS: Lat \_\_\_\_\_ Long \_\_\_\_\_  
Proximity to Surface Water: \_\_\_\_\_ Depth to Ground Water: \_\_\_\_\_

**Water Well:** \_\_\_\_\_ Lat \_\_\_\_\_ Long \_\_\_\_\_  
DWR Receipt Num: \_\_\_\_\_ Owner Name: \_\_\_\_\_ GPS : \_\_\_\_\_

**Field Parameters:** \_\_\_\_\_

Sample Location: \_\_\_\_\_

Emission Control Burner (ECB): Y  
Comment: \_\_\_\_\_  
Pilot: ON Wildlife Protection Devices (fired vessels): YES

**Reclamation - Storm Water - Pit**

**Interim Reclamation:**

Date Interim Reclamation Started: \_\_\_\_\_ Date Interim Reclamation Completed: \_\_\_\_\_

Land Use: RANGELAND

Comment: \_\_\_\_\_

1003a. Debris removed? \_\_\_\_\_ CM \_\_\_\_\_  
 CA \_\_\_\_\_ CA Date \_\_\_\_\_  
 Waste Material Onsite? \_\_\_\_\_ CM \_\_\_\_\_  
 CA \_\_\_\_\_ CA Date \_\_\_\_\_  
 Unused or unneeded equipment onsite? \_\_\_\_\_ CM \_\_\_\_\_  
 CA \_\_\_\_\_ CA Date \_\_\_\_\_  
 Pit, cellars, rat holes and other bores closed? \_\_\_\_\_ CM \_\_\_\_\_  
 CA \_\_\_\_\_ CA Date \_\_\_\_\_  
 Guy line anchors removed? \_\_\_\_\_ CM \_\_\_\_\_  
 CA \_\_\_\_\_ CA Date \_\_\_\_\_  
 Guy line anchors marked? \_\_\_\_\_ CM \_\_\_\_\_  
 CA \_\_\_\_\_ CA Date \_\_\_\_\_

1003b. Area no longer in use? \_\_\_\_\_ Production areas stabilized ? \_\_\_\_\_

1003c. Compacted areas have been cross ripped? \_\_\_\_\_

1003d. Drilling pit closed? \_\_\_\_\_ Subsidence over on drill pit? \_\_\_\_\_

Cuttings management: \_\_\_\_\_

1003e. Areas no longer needed for drilling or subsequent operations for have been re-vegetated to 80% of pre-existing? \_\_\_\_\_

Production areas have been stabilized? \_\_\_\_\_ Segregated soils have been replaced? \_\_\_\_\_

**RESTORATION AND REVEGETATION**

Cropland

Top soil replaced \_\_\_\_\_ Recontoured \_\_\_\_\_ Perennial forage re-established \_\_\_\_\_

Non-Cropland

Top soil replaced \_\_\_\_\_ Recontoured \_\_\_\_\_ 80% Revegetation \_\_\_\_\_

Inspector Name: BURGER, CRAIG

1003 f. Weeds Noxious weeds? \_\_\_\_\_

Comment: \_\_\_\_\_

Overall Interim Reclamation

**Final Reclamation/ Abandoned Location:**

Date Final Reclamation Started: \_\_\_\_\_

Date Final Reclamation Completed: \_\_\_\_\_

Final Land Use: RANGELAND

Reminder: \_\_\_\_\_

Comment: \_\_\_\_\_

Well plugged \_\_\_\_\_

Pit mouse/rat holes, cellars backfilled \_\_\_\_\_

Debris removed \_\_\_\_\_

No disturbance /Location never built \_\_\_\_\_

Access Roads \_\_\_\_\_

Regraded \_\_\_\_\_

Contoured \_\_\_\_\_

Culverts removed \_\_\_\_\_

Gravel removed \_\_\_\_\_

Location and associated production facilities reclaimed \_\_\_\_\_

Locations, facilities, roads, recontoured \_\_\_\_\_

Compaction alleviation \_\_\_\_\_

Dust and erosion control \_\_\_\_\_

Non cropland: Revegetated 80% \_\_\_\_\_

Cropland: perennial forage \_\_\_\_\_

Weeds present \_\_\_\_\_

Subsidence \_\_\_\_\_

Comment: \_\_\_\_\_

Corrective Action: \_\_\_\_\_

Date \_\_\_\_\_

Overall Final Reclamation

Multi-Well Location

**Storm Water:**

| Loc Erosion BMPs | BMP Maintenance | Lease Road Erosion BMPs | Lease BMP Maintenance | Chemical BMPs | Chemical BMP Maintenance | Comment |
|------------------|-----------------|-------------------------|-----------------------|---------------|--------------------------|---------|
| Ditches          | Pass            | Culverts                | Pass                  |               |                          |         |
| Check Dams       | Pass            | Ditches                 | Pass                  |               |                          |         |
|                  |                 | Check Dams              | Pass                  |               |                          |         |
|                  |                 | Waddles                 | Pass                  |               |                          |         |
| Gravel           | Pass            | Sediment Traps          | Pass                  |               |                          |         |
| Compaction       | Pass            | Rip Rap                 | Pass                  |               |                          |         |
|                  |                 | Blankets                | Pass                  |               |                          |         |

S/U/V: Satisfactory

Corrective Date: \_\_\_\_\_

Comment: \_\_\_\_\_

CA: \_\_\_\_\_

**Pits:**

Pit Type: Multiwell Reuse/ Lined: YES Pit ID: \_\_\_\_\_ Lat: 39.485580 Long: -107.566810

**Lining:**

Liner Type: HDPE Liner Condition: Adequate

Comment: \_\_\_\_\_

**Fencing:**

Fencing Type: Netting/Fen Fencing Condition: Adequate

Comment: \_\_\_\_\_

**Netting:**

Netting Type: Fence/Net Netting Condition: Good

Comment: \_\_\_\_\_

Anchor Trench Present: YES Oil Accumulation: NO 2+ feet Freeboard: \_\_\_\_\_

Pit (S/U/V): Satisfactory Comment: Net repaired since last inspection.

Corrective Action:  Date: \_\_\_\_\_