

**FORM  
INSP**Rev  
05/11**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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Inspection Date:

03/11/2013

Document Number:

670200255

Overall Inspection:

Satisfactory**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection <input type="checkbox"/>
	<u>415056</u>	<u>414522</u>	<u>BURGER, CRAIG</u>	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
Axelson, Aaron		aaxelson@billbarrettcorp.com	Production Foreman
Kellerby, Shaun		Shaun.Kellerby@state.co.us	NW Field Supervisor
Merry, Jesse		jmerry@billbarrettcorp.com	Area Superintendent
Ghan, Scott		sghan@billbarrettcorp.com	Environmental Health & Safety Coordinator

**Compliance Summary:**

QtrQtr: NENW Sec: 20 Twp: 6S Range: 91W

**Inspector Comment:**

Two lined and bermed areas are present on location. One contains sand. The other was snow covered. On site mud disposal using land spreading is noted in the COGCC well file. Land farming is not mentioned. Scott Ghan indicated that he is working with COGCC environmental staff on remediation of the impacted soils.

**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	
415055	WELL	PR	01/01/2013	GW	045-18949	JOLLEY 21A-20-691	<input checked="" type="checkbox"/>
415056	WELL	PR	08/26/2010	GW	045-18950	JOLLEY FED 11A-20-691	<input checked="" type="checkbox"/>
415057	WELL	PR	10/05/2010	GW	045-18951	JOLLEY FED 11C-20-691	<input checked="" type="checkbox"/>
415064	WELL	PR	09/02/2010	GW	045-18952	JOLLEY FED 22B-20-691	<input checked="" type="checkbox"/>
415069	WELL	PR	08/14/2010	GW	045-18953	JOLLEY FED 12D-20-691	<input checked="" type="checkbox"/>
415072	WELL	PR	09/02/2010	GW	045-18954	JOLLEY FED 12A-20-691	<input checked="" type="checkbox"/>
415073	WELL	PR	09/02/2010	GW	045-18955	JOLLEY FED 12B-20-691	<input checked="" type="checkbox"/>
415075	WELL	PR	10/05/2010	GW	045-18956	JOLLEY 21D-20-691	<input checked="" type="checkbox"/>
415076	WELL	PR	10/05/2010	GW	045-18957	JOLLEY FED 11D-20-691	<input checked="" type="checkbox"/>
415084	WELL	PR	08/12/2010	GW	045-18958	JOLLEY FED 12C-20-691	<input checked="" type="checkbox"/>
415085	WELL	PR	08/14/2010	GW	045-18959	JOLLEY FED 11B-20-691	<input checked="" type="checkbox"/>
415086	WELL	PR	07/21/2010	GW	045-18960	JOLLEY 21B-20-691	<input checked="" type="checkbox"/>
415087	WELL	PR	09/02/2010	GW	045-18961	JOLLEY FED 22A-20-691	<input checked="" type="checkbox"/>
415090	WELL	PR	10/05/2010	GW	045-18962	JOLLEY 21C-20-691	<input checked="" type="checkbox"/>
415091	WELL	PR	07/21/2010	GW	045-18963	JOLLEY FED 22C-20-691	<input checked="" type="checkbox"/>
415092	WELL	PR	08/27/2010	GW	045-18964	JOLLEY FED 22D-20-691	<input checked="" type="checkbox"/>

**Equipment:**Location Inventory

Special Purpose Pits: _____	Drilling Pits: <u>1</u>	Wells: <u>16</u>	Production Pits: _____
Condensate Tanks: <u>6</u>	Water Tanks: <u>4</u>	Separators: <u>16</u>	Electric Motors: _____
Gas or Diesel Mortors: _____	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****Lease Road:**

Type	Satisfactory/Unsatisfactory	comment	Corrective Action	Date
Main	Unsatisfactory	Excessive erosion appears to be occurring in ditches.	Maintain and provide adequate erosion control BMP's.	03/29/2013
Access	Satisfactory			

**Signs/Marker:**

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
TANK LABELS/PLACARDS	Satisfactory			
WELLHEAD	Satisfactory			
BATTERY	Satisfactory			

Emergency Contact Number: (S/U/V) Satisfactory

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

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

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

**Spills:**

Type	Area	Volume	Corrective action	CA Date
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☐ Multiple Spills and Releases?**Fencing/:**

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
OTHER	Satisfactory	cattle panel around two bermed and lined areas		
SEPARATOR	Satisfactory	cattle panel		
WELLHEAD	Satisfactory	cattle panel		

**Equipment:**

Type	#	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
Pig Station	1	Satisfactory			
Bird Protectors	15	Satisfactory			
Emission Control Device	1	Satisfactory			
Plunger Lift	16	Satisfactory			
Horizontal Heated Separator	16	Satisfactory			
Gas Meter Run	4	Satisfactory			

Inspector Name: BURGER, CRAIG

Gathering Line	1	Satisfactory			
Dehydrator	4	Satisfactory	methanol scale inhibitors		
Deadman # & Marked	5	Satisfactory			

**Facilities:**☐ New Tank

Tank ID: \_\_\_\_\_

Contents	#	Capacity	Type	SE GPS
CONDENSATE	4	500 BBLS	STEEL AST	,
S/U/V:	Satisfactory	Comment:	same berm as heated tanks	
Corrective Action:				Corrective Date:

Paint

Condition	Adequate
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Other (Content) \_\_\_\_\_

Other (Capacity) \_\_\_\_\_

Other (Type) \_\_\_\_\_

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Corrective Action				Corrective Date
Comment				

**Facilities:**☐ New Tank

Tank ID: \_\_\_\_\_

Contents	#	Capacity	Type	SE GPS
CONDENSATE	6	500 BBLS	HEATED STEEL AST	39.518530,-107.582930
S/U/V:	Satisfactory	Comment:		
Corrective Action:				Corrective Date:

Paint

Condition	Adequate
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Other (Content) \_\_\_\_\_

Other (Capacity) \_\_\_\_\_

Other (Type) \_\_\_\_\_

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Metal	Adequate	Walls Sufficient	Base Sufficient	Adequate
Corrective Action				Corrective Date
Comment				

**Venting:**

Yes/No	Comment
YES	

**Flaring:**

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

**Predrill**

Location ID: 414522

**Site Preparation:**

Lease Road Adeq.: \_\_\_\_\_

Pads: \_\_\_\_\_

Soil Stockpile: \_\_\_\_\_

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

Date: \_\_\_\_\_ CDP Num.: \_\_\_\_\_

**Form 2A COAs:****Comment:** \_\_\_\_\_**CA:** \_\_\_\_\_**Date:** \_\_\_\_\_**Wildlife BMPs:**

BMP Type	Comment
PROPOSED BMPs	<p>STORM WATER BEST MANAGEMENT PRACTICES</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>MATERIAL HANDLING, ACTIVITIES, PRACTICES AND STORM WATER</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> <p>SELF INSPECTION, MAINTANENCE, AND HOUSEKEEPING</p> <ul style="list-style-type: none"> <li>• All employees are trained in spill response, good housekeeping, material management practices, and procedures for equipment and container washing at least once per year.</li> <li>• Conduct internal storm water inspections at least semi - annually and within 24 hours of a heavy rain event.</li> <li>• Conduct routine inspections of all tanks and storage facilities at least weekly.</li> <li>• All containment areas are to be inspected weekly or following a heavy rain event.</li> </ul>

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 document 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.

Bill Barrett Corp — CDPHE Stormwater Permit Number: COR- 039752

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

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

Inspector Name: BURGER, CRAIG

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: 415055 Type: WELL API Number: 045-18949 Status: PR Insp. Status: PR

**Producing Well**

Comment: plunger lift

**BradenHead**

Comment: braden venting

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

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

Facility ID: 415056 Type: WELL API Number: 045-18950 Status: PR Insp. Status: PR

**Producing Well**

Comment: plunger lift

**BradenHead**

Comment: braden venting

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

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

Facility ID: 415057 Type: WELL API Number: 045-18951 Status: PR Insp. Status: PR

**Producing Well**

Comment: plunger lift

**BradenHead**

Comment: braden venting

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

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

Facility ID: 415064 Type: WELL API Number: 045-18952 Status: PR Insp. Status: PR

**Producing Well**

Comment: plunger lift

**BradenHead**

Comment: braden venting

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

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

Facility ID: 415069 Type: WELL API Number: 045-18953 Status: PR Insp. Status: PR

**Producing Well**

Comment: plunger lift

**BradenHead**

Comment: braden venting

CA:

CA Date:

Facility ID: 415072 Type: WELL API Number: 045-18954 Status: PR Insp. Status: PR

**Producing Well**

Comment: plunger lift

**BradenHead**

Comment: braden venting

CA:

CA Date:

Facility ID: 415073 Type: WELL API Number: 045-18955 Status: PR Insp. Status: PR

**Producing Well**

Comment: plunger lift

**BradenHead**

Comment: braden venting

CA:

CA Date:

Facility ID: 415075 Type: WELL API Number: 045-18956 Status: PR Insp. Status: PR

**Producing Well**

Comment: plunger lift

**BradenHead**

Comment: braden venting

CA:

CA Date:

Facility ID: 415076 Type: WELL API Number: 045-18957 Status: PR Insp. Status: PR

**Producing Well**

Comment: plunger lift

**BradenHead**

Comment: braden venting

CA:

CA Date:

Facility ID: 415084 Type: WELL API Number: 045-18958 Status: PR Insp. Status: PR

**Producing Well**

Comment: plunger lift

**BradenHead**

Comment: braden venting

CA:

CA Date:

Facility ID: 415085 Type: WELL API Number: 045-18959 Status: PR Insp. Status: PR

**Producing Well**

Comment: plunger lift

**BradenHead**

Comment: braden venting

CA:

CA Date:

Facility ID: 415086 Type: WELL API Number: 045-18960 Status: PR Insp. Status: PR

**Producing Well**

Comment: plunger lift

**BradenHead**

Comment: braden venting

CA:

CA Date:

Facility ID: 415087 Type: WELL API Number: 045-18961 Status: PR Insp. Status: PR

**Producing Well**

Comment: plunger lift

**BradenHead**

Comment: braden venting

CA:

CA Date:

Facility ID: 415090 Type: WELL API Number: 045-18962 Status: PR Insp. Status: PR

**Producing Well**

Comment: plunger lift

**BradenHead**

Comment: braden venting

CA:

CA Date:

Facility ID: 415091 Type: WELL API Number: 045-18963 Status: PR Insp. Status: PR

**Producing Well**

Comment: plunger lift

**BradenHead**

Comment: braden venting

CA:

CA Date:

Facility ID: 415092 Type: WELL API Number: 045-18964 Status: PR Insp. Status: PR

**Producing Well**

Comment: plunger lift. Fitting leaking on methanol feed system. Pumper on site and he stated that he will address.



**BradenHead**Comment: braden venting

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

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

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

**Waste Management:**

Type	Management	Condition	Comment	GPS (Lat)	(Long)
Workover	Landfarm	Adequate	Two lined and bermed areas on location. One contains sand and the other is currently empty except for snow and rainwater.		

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? Pass CM \_\_\_\_\_

CA \_\_\_\_\_ CA Date \_\_\_\_\_

Waste Material Onsite? Pass CM \_\_\_\_\_

CA \_\_\_\_\_ CA Date \_\_\_\_\_

Unused or unneeded equipment onsite? Pass CM \_\_\_\_\_

CA \_\_\_\_\_ CA Date \_\_\_\_\_

Pit, cellars, rat holes and other bores closed? Pass CM \_\_\_\_\_

CA \_\_\_\_\_ CA Date \_\_\_\_\_

Guy line anchors removed? \_\_\_\_\_ CM \_\_\_\_\_

CA \_\_\_\_\_ CA Date \_\_\_\_\_

Guy line anchors marked? Pass 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 \_\_\_\_\_

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 ☐

<b><u>Storm Water:</u></b>						
Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
Gravel	Pass	Ditches	Fail			
Compaction	Pass	Gravel	Pass	MHSP	Pass	
Berms	Pass	Culverts	Pass			

Inspector Name: BURGER, CRAIG

S/U/V: Unsatisfactory Corrective Date: 03/29/2013

Comment: Main access road BMP's need maintenance. Velocity of flow in ditches appears too high to minimize erosion.

CA: Provide and maintain adequate erosion control BMP's.