

Inspector Name: BROWNING, CHUCK

**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:

01/11/2014

Document Number:

668401890

Overall Inspection:

**Unsatisfactory****FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	287529	322121	BROWNING, CHUCK	<input type="checkbox"/>	

**Operator Information:**

OGCC Operator Number:

Name of Operator: BARRETT CORPORATION\* BILL

Address: 1099 18TH ST STE 2300

City: DENVER State: CO Zip: 80202

- ☐ THIS IS A FOLLOW UP INSPECTION  
☐ FOLLOW UP INSPECTION REQUIRED  
☐ NO FOLLOW UP INSPECTION REQUIRED  
☒ INSPECTOR REQUESTS FORM 42 WHEN CORRECTIVE ACTIONS ARE COMPLETED

**Contact Information:**

Contact Name	Phone	Email	Comment
Browning, Chuck	970-433-4139	chuck.browning@state.co.us	Field Inspector
Spencer, Dominic	(303) 312-8164/ (337) 258-5044	dspencer@billbarrettcorp.com	Operations Engineer

**Compliance Summary:**

QtrQtr: NENE Sec: 13 Twp: 39n Range: 18w

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Unsatisfactory	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
04/16/2012	664000478	PR	TA	Violation	F		Yes
10/29/2010	200292075	PR	SI	Unsatisfactory			Yes
06/04/2010	200255842	PR	PR	Satisfactory			No
04/08/2010	200242940	ES	SI	Unsatisfactory			No
07/26/2009	200223651	PR	SI	Satisfactory			No
04/08/2009	200208346	ID	SI	Satisfactory			No
01/16/2009	200206449	ID	SI	Satisfactory			No
10/31/2008	200198776	ID	SI	Satisfactory			No
10/02/2008	200196417	ES	SI	Satisfactory			No
08/27/2008	200194629	PR	PR	Satisfactory			No
08/06/2008	200193450	CO	SI	Unsatisfactory			Yes

**Inspector Comment:**

Well shut in. Last MIT 11/23/2010. Wellhead, Separator, 2-400 bbl steel tanks w/ earth berms. NO Wellhead sign. No Emergency contact information.

**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
287529	WELL	AL	12/12/2013	GW	033-06124	Johnson 1H-13-39-18	TA

**Equipment:**

Location Inventory

Inspector Name: BROWNING, CHUCK

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

### Location

<b>Lease Road:</b>				
Type	Satisfactory/Unsatisfactory	comment	Corrective Action	Date
Main	Satisfactory			
Access	Satisfactory			

<b>Signs/Marker:</b>				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
WELLHEAD	Unsatisfactory	NO Sign at Wellhead	Install sign to comply with rule 210.	02/28/2014
TANK LABELS/PLACARDS	Satisfactory			

Emergency Contact Number: (S/U/V) Unsatisfactory Corrective Date: 02/28/2014

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

Corrective Action: Install sign to comply with rule 210

<b>Spills:</b>				
Type	Area	Volume	Corrective action	CA Date
<input type="checkbox"/> Multiple Spills and Releases?				

<b>Venting:</b>	
Yes/No	Comment
NO	

<b>Flaring:</b>				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date

### Predrill

Location ID: 287529

**Site Preparation:**

Lease Road Adeq.: \_\_\_\_\_ Pads: \_\_\_\_\_ Soil Stockpile: \_\_\_\_\_

**S/U/V:** \_\_\_\_\_

Corrective Action: \_\_\_\_\_ Date: \_\_\_\_\_ CDP Num.: \_\_\_\_\_

### Form 2A COAs:

Group	User	Comment	Date
OGLA	kubeczkod	Pits in fill must be lined.	03/02/2010
OGLA	kubeczkod	Operator must ensure 110 percent secondary containment for any volume of fluids contained at well site during drilling and completion operations. If fluids are conveyed via pipeline, operator must implement best management practices to contain any unintentional release of fluids.	03/02/2010

OGLA	kubeczkod	The moisture content of any drill cuttings in a cuttings pit, trench, or pile shall be as low as practicable to prevent accumulation of liquids greater than de minimis amounts. At the time of closure, the drill cuttings must also meet the applicable standards of table 910-1.	03/02/2010
Permit	kerrt	<p>No fencing or netting is required for inactive cuttings pits where free liquids are removed.</p> <p>A minimum six-foot high fence is required for active (fracturing/flowback operations are ongoing) completion/water management pits and inactive cuttings pits containing free liquids.</p> <p>If completion operations are delayed for more than 10 days from the end of 24 hour drilling operation then any completion/water management pit shall be fenced with a minimum six foot high fence and netting shall be installed to prevent access by birds.</p> <p>Within 30 days after completion flowback ends, the operator will do one of the following to comply with Rule 902.d.: (1) initiate removal of liquids from all pits for final closure and remediation (2) submit a Sundry Notice, Form 4, with appropriate water quality documentation demonstrating that any liquids remaining in the pit will not harm wildlife; or (3) install a minimum six-foot fence with netting, to prevent access by birds, and a one-foot exclusionary fence (e.g. minimum one-foot height silt fencing or fine mesh) along the base of the fence anchored to the ground (not buried). In the event that circumstances preclude the operator from selecting one of these options within 30 days after completion flowback ends, then the operator may seek a variance to extend this 30-day period.</p>	07/31/2010

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

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

**Wildlife BMPs:**

BMP Type	Comment
PROPOSED BMPs	<p data-bbox="358 128 787 159">Wildlife Best Management Practices</p> <p data-bbox="358 247 1263 279">GENERAL WILDLIFE AND ENVIRONMENTAL PROTECTION MEASURES:</p> <ul data-bbox="358 310 1455 548" style="list-style-type: none"> <li>- Establish policies to protect wildlife (e.g.. no poaching, no firearms, no dogs on location, no feeding of wildlife, etc.).</li> <li>- Promptly report spills that affect wildlife to the Water Quality Control Division of CDPHE and CDOW.</li> <li>-Avoid locating staging, refueling, and storage areas within 300 feet of any reservoir, lake, wetland, or natural perennial or seasonally flowing stream or river.</li> </ul> <p data-bbox="358 636 1187 667">INFRASTRUCTURE LAYOUT WILDLIFE PROTECTION MEASURES</p> <ul data-bbox="358 699 867 783" style="list-style-type: none"> <li>- Implement fugitive dust control measures.</li> <li>-Limit parking to disturbed areas.</li> </ul> <p data-bbox="358 871 1390 903">DRILLING AND PRODUCTION OPERATIONS WILDLIFE PROTECTION MEASURES:</p> <ul data-bbox="358 934 1495 1140" style="list-style-type: none"> <li>-Reduce visits to well -sites through remote monitoring (i.e. SCADA) and the use of multifunction contractors.</li> <li>- Install exclusionary devices to prevent bird and other wildlife access to equipment stacks, vents and openings.</li> <li>- Establish company guidelines to minimize wildlife mortality from vehicle collisions on roads.</li> </ul> <p data-bbox="358 1228 1040 1260">FLUID PITIPOND WILDLIFE PROTECTION MEASURES</p> <ul data-bbox="358 1291 1507 1375" style="list-style-type: none"> <li>- Install and maintain adequate measures to exclude all types of wildlife (e.g., big game and birds) from all fluid pits/ponds with fencing, flagging and other appropriate exclusion measures). BBC currently installs 6' wildlife proof fences on all freshwater ponds.</li> </ul> <p data-bbox="358 1463 967 1495">INVASIVE/INOWNATIVE VEGETATION CONTROL</p> <ul data-bbox="358 1526 1289 1558" style="list-style-type: none"> <li>- Educate employees and contractors about noxious and invasive weed issues.</li> </ul> <p data-bbox="358 1646 1044 1677">RESTORATION, RECLAMATION AND ABANDONMENT:</p> <ul data-bbox="358 1709 1471 1824" style="list-style-type: none"> <li>-Avoid aggressive non- native grasses and shrubs in mule deer and elk habitat restoration.</li> <li>- Revegetate with seed mixtures that are of the surface owner's preference that are compatible with both livestock and wildlife</li> </ul>
PROPOSED BMPs	STORM WATER BEST MANAGEMENT PRACTICES

BILL BARRETT CORPORATION

GENERAL. BMPS

- Utilize diking and other forms of containment and diversions around tanks, drums, chemicals, liquids, piss, and impoundments.
- Use drip pars, sumps, or liners where appropriate.
- Limit the amoum of land disturbed during construction of pad, access road, and facilities.

Employ spill response plan for all facilities.

- Dispose properly oRske, any wastes, fluids and other materials.

MATEIAL HANDLING. ACTIVITIES. PRACTICES AND STORM WATER

DIVERSION

- Secondary containment of tanks, drums, and storage sress is mandatory to prohibit discharges to surface waters. A minimum of 110% capacity required of largest storage within containment erect
- Material handling and spill prevention procedures and practices will be followed to prohibit discharges to surface waters.
- Proper loading unloading and transportation procedures to he followed for all materiels to and from location.

EROSION CONTROL

- Pad and access road to be designed to minimize erosion.
- Fed and mew mad m implement appropriate erosion control devices where necessary to minimize erosion.
- Routine inspections of site and controls to be implemented with additions, repairs, and optimization to occur as necessary to minimize erosion.

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 lesst once per year.
- Conduct internal storm water inspections at leaset 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 ere 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, dike; and containment will be inspected periodically to ensure they operating correctly.

- Minimum of an annual norm 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.
- o Do not use emulsifier or dispersant.

#### VEHICLE & LOCATION PROCEDURES

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

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

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

#### Stormwater:

**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: 287529 Type: WELL API Number: 033-06124 Status: AL Insp. Status: TA

**Idle Well**Purpose: ☐ Shut In ☒ Temporarily Abandoned Reminder: \_\_\_\_\_

S/V: Satisfactory CA Date: \_\_\_\_\_

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

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

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

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

Pilot: \_\_\_\_\_ Wildlife Protection Devices (fired vessels): \_\_\_\_\_

**Reclamation - Storm Water - Pit****Interim Reclamation:**

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

Land Use: IRRIGATED

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? <u>Pass</u> CM <u>                    </u>	
CA	CA Date

## RESTORATION AND REVEGETATION

Top soil replaced                      Recontoured                      Perennial forage re-established

Top soil replaced	Recontoured	80% Revegetation	Fail
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Overall Interim Reclamation	Fail
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Date Final Reclamation Started: \_\_\_\_\_ Date Final Reclamation Completed: \_\_\_\_\_

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
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Compaction alleviation                      Dust and erosion control

Non cropland: Revegetated 80%      Cropland: perennial forage

Weeds present

Comment:

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

Overall Final Reclamation      Well Release on Active Location      Multi-Well Location

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
				MHSP	Pass	

S/U/V: \_\_\_\_\_ Corrective Date: \_\_\_\_\_

Comment:

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



<b>Pits:</b> <input type="checkbox"/> NO SURFACE INDICATION OF PIT	
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