

**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:

02/18/2014

Document Number:

670201264

Overall Inspection:

Satisfactory**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection
	425894	425899	BURGER, CRAIG	<input type="checkbox"/> 2A Doc Num: _____

**Operator Information:**

OGCC Operator Number:

Name of Operator: BARRETT CORPORATION\* BILLAddress: 1099 18TH ST STE 2300City: 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
Kellerby, Shaun		Shaun.Kellerby@state.co.us	NW Field Supervisor
Hirtler, Christina		CHirtler@billbarrettcorp.com	Regulatory Analyst

**Compliance Summary:**QtrQtr: SWNW Sec: 23 Twp: 6S Range: 92W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Unsatisfactory	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
03/23/2012	663800223	XX	DG	Satisfactory			No
03/23/2012	663800224	XX	DG	Satisfactory			No

**Inspector Comment:****Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
425882	WELL	PR	08/28/2012	GW	045-21098	Dixon Federal 42A-22-692	PR	<input checked="" type="checkbox"/>
425883	WELL	PR	08/28/2012	GW	045-21099	Dixon Federal 42B-22-692	PR	<input checked="" type="checkbox"/>
425884	WELL	PR	09/26/2012	GW	045-21100	Dixon Federal 41D-22-692	PR	<input checked="" type="checkbox"/>
425886	WELL	PR	08/28/2012	GW	045-21101	Dixon Federal 42C-22-692	PR	<input checked="" type="checkbox"/>
425887	WELL	XX	10/16/2011	GW	045-21102	Dixon Federal 12B-23-692	DG	<input checked="" type="checkbox"/>
425888	WELL	PR	08/28/2012	GW	045-21103	Dixon Federal 12A-23-692	PR	<input checked="" type="checkbox"/>
425890	WELL	PR	09/24/2012	OG	045-21104	Dixon Federal 11B-23-692	PR	<input checked="" type="checkbox"/>
425892	WELL	PR	09/17/2012	GW	045-21105	Dixon Federal 42D-22-692	PR	<input checked="" type="checkbox"/>
425893	WELL	XX	10/16/2011	GW	045-21106	Dixon Federal 12C-23-692	DG	<input checked="" type="checkbox"/>

Inspector Name: BURGER, CRAIG

425894	WELL	PR	10/09/2012	GW	045-21107	Dixon Federal 11A-23-692	PR	<input checked="" type="checkbox"/>
425895	WELL	PR	09/17/2012	GW	045-21108	Dixon Federal 41A-22-692	PR	<input checked="" type="checkbox"/>
425897	WELL	PR	09/17/2012	GW	045-21109	Dixon Federal 41C-22-692	PR	<input checked="" type="checkbox"/>
425898	WELL	PR	12/03/2012	GW	045-21110	Dixon Federal 11C-23-692	PR	<input checked="" type="checkbox"/>
425900	WELL	PR	10/28/2012	GW	045-21111	Dixon Federal 41B-22-692	PR	<input checked="" type="checkbox"/>
425902	WELL	PR	09/24/2012	GW	045-21112	Dixon Federal 11D-23-692	PR	<input checked="" type="checkbox"/>
425904	WELL	XX	10/16/2011	GW	045-21113	Dixon Federal 12D-23-692	DG	<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>2</u>	Separators: <u>16</u>	Electric Motors: _____
Gas or Diesel Motors: _____	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: _____
Electric Generators: _____	Gas Pipeline: <u>1</u>	Oil Pipeline: _____	Water Pipeline: <u>2</u>
Gas Compressors: <u>1</u>	VOC Combustor: <u>1</u>	Oil Tanks: _____	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: <u>1</u>	Flare: _____	Fuel Tanks: _____

**Location****Signs/Marker:**

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

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

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

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

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

**Good Housekeeping:**

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
STORAGE OF SUPL	Satisfactory	Stockpile of gravel on location.		

**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
SEPARATOR	Satisfactory	wire fence		
IGNITOR/COMBUST OR	Satisfactory	wire fence		
WELLHEAD	Satisfactory	cattle panel		

<b>Equipment:</b>					
Type	#	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
Emission Control Device	1	Satisfactory			
Gas Meter Run	1	Satisfactory			
Bird Protectors	12	Satisfactory			
Gathering Line	1	Satisfactory			
Plunger Lift	13	Satisfactory			
Deadman # & Marked	3	Satisfactory			
Ancillary equipment	2	Satisfactory	descaler units		
Pig Station	2	Satisfactory			
Horizontal Heated Separator	13	Satisfactory			

<b>Facilities:</b>		<input type="checkbox"/> New Tank	Tank ID: _____
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Contents	#	Capacity	Type	SE GPS
CONDENSATE	6	500 BBLS	HEATED STEEL AST	39.515380,-107.641500

S/U/V:	Satisfactory	Comment:	
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Corrective Action:		Corrective Date:	
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**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	
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Comment	
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**Venting:**

Yes/No	Comment
YES	Bradenhead valves open.

**Flaring:**

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

**Predrill**

Location ID: 425894

**Site Preparation:**

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

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

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

**Form 2A COAs:**

Group	User	Comment	Date
Permit	edelenr	Removed plugging bond Changed distance to road to 4,290' Added Related Forms information to tab	10/03/2011

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

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

**Wildlife BMPs:**

BMP Type	Comment
Wildlife	<p>BBC WILDLIFE BEST MANAGEMENT PRACTICES</p> <p>GENERAL WILDLIFE AND ENVIRONMENTAL PROTECTION MEASURES</p> <ul 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 location staging, refueling, and storage areas within 300 feet, of any reservoir, lake, wetland, or natural perennial or seasonal flowing stream or river.</li> </ul> <p>INFRASTRUCTURE LAYOUT WILDLIFE PROTECTION MEASURES</p> <ul style="list-style-type: none"> <li>• Implementing fugitive dust control measures</li> <li>• Limit parking to disturbed areas as much as possible</li> </ul> <p>DRILLING AND PRODUCTION OPERATION WILDLIFE PROTECTION MEASURES</p> <ul style="list-style-type: none"> <li>• Reduce visits to well-sites through remote monitoring (i.e. SCADA) and the use of multifunction contractors, where practicable.</li> <li>• Install exclusionary device to prevent bird and other wildlife access to equipment stacks, vents and openings.</li> <li>• Establish company guidelines to minimize wildlife mortality from vehicle collision on roads.</li> </ul> <p>FLUID PIT/POND WILDLIFE PROTECTION MEASURES</p> <ul 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 pits and freshwater ponds with free liquids. In addition, BBC will install bird netting over "inactive" pits with free liquids after 30 days of inactivity.</li> </ul> <p>INVASIVE/NON-NATIVE VEGETATION CONTROL</p> <ul style="list-style-type: none"> <li>• Educate employees and contractors about noxious and invasive weed issues.</li> </ul> <p>RESTORATION, RECLAMATION AND ABANDONMENT</p> <ul style="list-style-type: none"> <li>• Avoid aggressive non-native grasses and shrubs in mule deer and elk habitat restorations.</li> <li>• Revegetate with seed mixtures that are of the surface owner's preference that are compatible with both livestock and wildlife.</li> </ul>

Storm Water/Erosion Control	<p><b>BBC STORM WATER AND SPILL CONTROL PRACTICES</b></p> <p><b>GENERAL</b></p> <ul style="list-style-type: none"><li>• Utilize diking and other forms of containment and diversions around tanks, drums, chemicals, liquids, pits, impoundments, or well pads</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 (SPCC) for all facilities</li><li>• Dispose properly offsite any wastes fluids and other materials</li></ul> <p><b>MATERIAL HANDLING, ACTIVITIES, PRACTICES AND STORM WATER DIVERSION</b></p> <ul style="list-style-type: none"><li>• 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 tank within a containment area</li><li>• Material handling and spill prevention procedures and practices will be followed to help prohibit discharges to surface waters</li><li>• Proper loading, and transportation procedures to be followed for all materials to and from locations</li></ul> <p><b>EROSION CONTROL</b></p> <ul style="list-style-type: none"><li>• Pad and access road to be designed to minimize erosion</li><li>• Pad and access road to implement appropriate erosion control devices where necessary to minimize erosion</li><li>• Routine inspections of sites and controls to be implemented with additions, repairs, and optimization to occur as necessary to minimize erosion</li></ul> <p><b>SELF INSPECTION, MAINTENANCE, AND HOUSEKEEPING</b></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 annually</li><li>• Conduct internal storm water inspections per applicable stormwater regulations</li><li>• Conduct routine informal 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><li>• Any excessive precipitation accumulation within containment should be removed as appropriate and disposed of properly</li><li>• All structural berms, dikes, and containment will be inspected periodically to ensure they are operating correctly</li></ul> <p><b>SPILL RESPONSE</b></p> <ul style="list-style-type: none"><li>• Spill response procedures as per the BBC field SPCC Plan</li></ul> <p><b>VEHICLE &amp; LOCATION PROCEDURES</b></p> <ul style="list-style-type: none"><li>• Vehicles entering location are to be free of chemical, oil, mud, weeds, trash, and debris</li><li>• Location to be treated to kill weeds and bladed when necessary</li></ul> <p>Bill Barrett Corp. – CDPHE Stormwater Permit Number: COR-039752</p>
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Drilling/Completion  
Operations

## BBC GENERAL PRACTICES

## NOTIFICATIONS

- Proper notifications required by COGCC regulations or policy memos will be adhered to

## TRENCHES/PITS/TEMPORARY FRAC TANKS

- Unlined pits will not be constructed on fill material.
- Drill cuttings from the wellbore will be directed into a lined and bermed surface containments. Any free liquids accumulated in the containment would be removed as soon as practicable.
- Drilling pits utilized for completion operations will be permitted (if applicable) and lined, operated in accordance with COGCC regulations, specifically Rule 903 and Rule 904. All permitted pits (Form 15) will be closed per Rule 905 and non-permitted drilling pits would be closed in accordance with Rule 1003.
- Drilling pits used for completion will be fenced with appropriate wildlife mesh on the bottom portion. Appropriate netting will be installed within 30 days of the pit becoming inactive.
- Flowback and stimulation fluids from the wells being completed will be sent to tanks and/or filters to allow the sand to settle out before the fluids are placed into the pit for reuse or disposal at a BBC SWD facility.
- All flowback water will be confined to the lined completion pit or storage tanks for a period not to exceed ninety days and will be recycled for re-use, piped or trucked offsite to one of the approved disposal facilities below. Flowback sands stored on location will be remediated and buried on location or hauled to a state approved disposal facility.
  - o Circle B Land 33A-35-692SWD, API# 05-045-18493, UIC# 159277
  - o GGU Rodreick #21B-31-691 SWD, API# 05-045-13803, UIC# 159176
  - o Specialty #13A-28-692 SWD, API# 05-045-14054, UIC# 159212
  - o Scott 41D-36-692 SWD, API# 05-045-11169, UIC# 159159
- Temporary frac tanks installed on location will have proper secondary containment according to SPCC regulations such as either putting a perimeter berm around location or around the frac tanks.

S/U/V: Satisfactory

Comment:

SCADA system on location.No pits on location.

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:	425882	Type:	WELL	API Number:	045-21098	Status:	PR	Insp. Status:	PR
Producing Well									
Comment:	plunger lift								
Facility ID:	425883	Type:	WELL	API Number:	045-21099	Status:	PR	Insp. Status:	PR
Producing Well									
Comment:	plunger lift								
Facility ID:	425884	Type:	WELL	API Number:	045-21100	Status:	PR	Insp. Status:	PR
Producing Well									
Comment:	plunger lift								
Facility ID:	425886	Type:	WELL	API Number:	045-21101	Status:	PR	Insp. Status:	PR
Producing Well									
Comment:	plunger lift								
Facility ID:	425887	Type:	WELL	API Number:	045-21102	Status:	XX	Insp. Status:	DG
Idle Well									
Purpose:	<input type="checkbox"/> Shut In		<input checked="" type="checkbox"/> Temporarily Abandoned		Reminder:				
S/V:	Satisfactory		CA Date:						
CA:									
Comment:	Surface casing installed. MIT of surface casing will be required two years after drilling. Spud date reported is the end of March 2012.								
Facility ID:	425888	Type:	WELL	API Number:	045-21103	Status:	PR	Insp. Status:	PR
Producing Well									
Comment:	plunger lift								
Facility ID:	425890	Type:	WELL	API Number:	045-21104	Status:	PR	Insp. Status:	PR
Producing Well									
Comment:	plunger lift								
Facility ID:	425892	Type:	WELL	API Number:	045-21105	Status:	PR	Insp. Status:	PR
Producing Well									
Comment:	plunger lift								
Facility ID:	425893	Type:	WELL	API Number:	045-21106	Status:	XX	Insp. Status:	DG
Idle Well									
Purpose:	<input type="checkbox"/> Shut In		<input checked="" type="checkbox"/> Temporarily Abandoned		Reminder:				
S/V:	Satisfactory		CA Date:						
CA:									
Comment:	Surface casing installed. MIT of surface casing will be required two years after drilling. Spud date reported is the end of March 2012.								
Facility ID:	425894	Type:	WELL	API Number:	045-21107	Status:	PR	Insp. Status:	PR

**Producing Well**Comment: plunger liftFacility ID: 425895 Type: WELL API Number: 045-21108 Status: PR Insp. Status: PR**Producing Well**Comment: plunger liftFacility ID: 425897 Type: WELL API Number: 045-21109 Status: PR Insp. Status: PR**Producing Well**Comment: plunger liftFacility ID: 425898 Type: WELL API Number: 045-21110 Status: PR Insp. Status: PR**Producing Well**Comment: plunger liftFacility ID: 425900 Type: WELL API Number: 045-21111 Status: PR Insp. Status: PR**Producing Well**Comment: plunger liftFacility ID: 425902 Type: WELL API Number: 045-21112 Status: PR Insp. Status: PR**Producing Well**Comment: plunger liftFacility ID: 425904 Type: WELL API Number: 045-21113 Status: XX Insp. Status: DG**Idle Well**Purpose: ☐ Shut In ☒ Temporarily Abandoned Reminder: \_\_\_\_\_S/V: Satisfactory CA Date: \_\_\_\_\_

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

Comment: Surface casing installed. MIT of surface casing will be required two years after drilling.  
Spud date reported is the end of March 2012.**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:**

DWR Receipt Num: \_\_\_\_\_ Owner Name: \_\_\_\_\_ GPS: \_\_\_\_\_ Lat \_\_\_\_\_ Long \_\_\_\_\_

**Field Parameters:**

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



Inspector Name: BURGER, CRAIG

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: Snow cover limited inspection.

1003a. Debris removed? Pass CM  
CA CA Date  
Waste Material Onsite? CM  
CA CA Date  
Unused or unneeded equipment onsite? Pass 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? Pass CM  
CA CA Date

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

1003c. Compacted areas have been cross ripped?

1003d. Drilling pit closed? Pass 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? Pass 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:

Inspector Name: BURGER, CRAIG

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

Well Release on Active Location ☐

Multi-Well Location ☐

**Storm Water:**

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
		Waddles	Pass			
		Hydro Mulch	Pass			
Berms	Pass	Check Dams	Pass	MHSP	Pass	
Hydro Mulch	Pass	Ditches	Pass			
Compaction	Pass	Culverts	Pass			

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

Comment: **Snow cover limited inspection.**

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

**Pits:** ☐ NO SURFACE INDICATION OF PIT

**Attached Documents**

You can go to COGCC Images (<https://cogcc.state.co.us/weblink/>) and search by document number:

Document Num	Description	URL
670201264	INSPECTION APPROVED	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3283041">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3283041</a>