

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:
11/04/2014

Document Number:
666800251

Overall Inspection:
SATISFACTORY

FIELD INSPECTION FORM

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	<u>426401</u>	<u>426397</u>	<u>Murray, Richard</u>	<input type="checkbox"/>	

Operator Information:

OGCC Operator Number:	<u>10071</u>
Name of Operator:	<u>BARRETT CORPORATION* BILL</u>
Address:	<u>1099 18TH ST STE 2300</u>
City:	<u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>

- 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.us.co	
Axelson, Aaron	(970) 230-0926	aaxelson@billbarrettcorp.com	Production Foreman

Compliance Summary:

QtrQtr:	<u>NENW</u>	Sec:	<u>25</u>	Twp:	<u>6S</u>	Range:	<u>92W</u>
Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Action Required	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
02/28/2013	670200242	DG	PR	SATISFACTORY			No

Inspector Comment:

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
426385	WELL	PR	07/12/2012	GW	045-21136	Kaufman 11A-25-692	PR	X
426386	WELL	PR	08/07/2012	GW	045-21137	Kaufman 31C-25-692	PR	X
426387	WELL	PR	07/24/2012	GW	045-21138	Kaufman 11D-25-692	PR	X
426388	WELL	PR	06/19/2012	GW	045-21139	Kaufman 31B-25-692	PR	X
426389	WELL	PR	06/20/2012	GW	045-21140	Kaufman 32C-25-692	PR	X
426390	WELL	PR	08/07/2012	GW	045-21141	Kaufman 21B-25-692	PR	X
426391	WELL	PR	06/19/2012	GW	045-21142	Kaufman 21A-25-692	PR	X
426392	WELL	PR	07/12/2012	GW	045-21143	Kaufman 12D-25-692	PR	X
426393	WELL	PR	07/12/2012	GW	045-21144	Kaufman 11B-25-692	PR	X
426394	WELL	PR	06/20/2012	GW	045-21145	Kaufman 32D-25-692	PR	X

426395	WELL	PR	07/24/2012	GW	045-21146	Kaufman 11C-25-692	PR	✗
426396	WELL	PR	08/07/2012	GW	045-21147	Kaufman 21C-25-692	PR	✗
426398	WELL	PR	06/19/2012	GW	045-21148	Kaufman 31A-25-692	PR	✗
426399	WELL	PR	08/07/2012	GW	045-21149	Kaufman 31D-25-692	PR	✗
426400	WELL	PR	07/24/2012	GW	045-21150	Kaufman 21D-25-692	PR	✗
426401	WELL	PR	06/20/2012	GW	045-21151	Kaufman 22D-25-692	PR	✗

Equipment: Location Inventory

Special Purpose Pits: _____	Drilling Pits: _____	Wells: <u>16</u>	Production Pits: _____
Condensate Tanks: <u>6</u>	Water Tanks: <u>4</u>	Separators: _____	Electric Motors: _____
Gas or Diesel Mortors: _____	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: _____
Electric Generators: _____	Gas Pipeline: <u>1</u>	Oil Pipeline: _____	Water Pipeline: <u>2</u>
Gas Compressors: _____	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/Action Required	Comment	Corrective Action	CA Date
BATTERY	SATISFACTORY			
CONTAINERS	SATISFACTORY			

Emergency Contact Number (S/A/V): SATISFACTORY Corrective Date: _____

Comment: _____

Corrective Action: _____

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

Equipment:					
Type	#	Satisfactory/Action Required	Comment	Corrective Action	CA Date
Ancillary equipment	2	SATISFACTORY	Chemical units at wellhead		
Gas Meter Run	0	SATISFACTORY			

Venting:	
Yes/No	Comment
YES	Bradenhead valves open

Flaring:				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

Predrill

Location ID: 426401

Site Preparation:

Lease Road Adeq.: _____ Pads: _____ Soil Stockpile: _____

S/A/V: _____

Corrective Action: _____ Date: _____ CDP Num.: _____

Form 2A COAs:

S/A/V: _____ **Comment:**

CA: **Date:** _____

Wildlife BMPs:

BMP Type	Comment
Drilling/Completion Operations	<p>BBC GENERAL PRACTICES</p> <p>NOTIFICATIONS</p> <ul style="list-style-type: none"> • Proper notifications required by COGCC regulations or policy memos will be adhered to <p>TRENCHES/PITS/TEMPORARY FRAC TANKS</p> <ul style="list-style-type: none"> • 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. <ul style="list-style-type: none"> 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.

Storm Water/Erosion Control

BBC STORM WATER AND SPILL CONTROL PRACTICES

GENERAL

- Utilize diking and other forms of containment and diversions around tanks, drums, chemicals, liquids, pits, impoundments, or well pads
- Use drip pans, sumps, or liners where appropriate
- Limit the amount of land disturbed during construction of pad, access road, and facilities
- Employ spill response plan (SPCC) for all facilities
- Dispose properly offsite any wastes fluids and other materials

MATERIAL HANDLING, ACTIVITIES, PRACTICES AND STORM WATER DIVERSION

- 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
- Material handling and spill prevention procedures and practices will be followed to help prohibit discharges to surface waters
- Proper loading, and transportation procedures to be followed for all materials to and from locations

EROSION CONTROL

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

SELF INSPECTION, MAINTENANCE, AND HOUSEKEEPING

- All employees are trained in spill response, good housekeeping, material management practices, and procedures for equipment and container washing annually
- Conduct internal storm water inspections per applicable stormwater regulations
- Conduct routine informal 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 as appropriate and disposed of properly
- All structural berms, dikes, and containment will be inspected periodically to ensure they are operating correctly

SPILL RESPONSE

- Spill response procedures as per the BBC field SPCC Plan

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

Wildlife	<p>BBC WILDLIFE BEST MANAGEMENT PRACTICES</p> <p>GENERAL WILDLIFE AND ENVIRONMENTAL PROTECTION MEASURES</p> <ul style="list-style-type: none"> • Establish policies to protect wildlife (e.g., no poaching, no firearms, no dogs on location, no feeding of wildlife, etc.) • Promptly report spills that affect wildlife to the Water Quality Control Division of CDPHE and CDOW • Avoid location staging, refueling, and storage areas within 300 feet, of any reservoir, lake, wetland, or natural perennial or seasonal flowing stream or river. <p>INFRASTRUCTURE LAYOUT WILDLIFE PROTECTION MEASURES</p> <ul style="list-style-type: none"> • Implementing fugitive dust control measures • Limit parking to disturbed areas as much as possible <p>DRILLING AND PRODUCTION OPERATION WILDLIFE PROTECTION MEASURES</p> <ul style="list-style-type: none"> • Reduce visits to well-sites through remote monitoring (i.e. SCADA) and the use of multifunction contractors, where practicable. • Install exclusionary device to prevent bird and other wildlife access to equipment stacks, vents and openings. • Establish company guidelines to minimize wildlife mortality from vehicle collision on roads. <p>FLUID PIT/POND WILDLIFE PROTECTION MEASURES</p> <ul style="list-style-type: none"> • 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. <p>INVASIVE/NON-NATIVE VEGETATION CONTROL</p> <ul style="list-style-type: none"> • Educate employees and contractors about noxious and invasive weed issues. <p>RESTORATION, RECLAMATION AND ABANDONMENT</p> <ul style="list-style-type: none"> • Avoid aggressive non-native grasses and shrubs in mule deer and elk habitat restorations. • Revegetate with seed mixtures that are of the surface owner's preference that are compatible with both livestock and wildlife.
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S/AV: SATISFACTORY **Comment:** BMP's in place

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: _____

<u>Summary of Landowner Issues:</u>	
<u>Summary of Operator Response to Landowner Issues:</u>	
<u>Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:</u>	

Facility

Facility ID: <u>426385</u>	Type: <u>WELL</u>	API Number: <u>045-21136</u>	Status: <u>PR</u>	Insp. Status: <u>PR</u>
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Producing Well

Comment: Plunger lift

Facility ID: <u>426386</u>	Type: <u>WELL</u>	API Number: <u>045-21137</u>	Status: <u>PR</u>	Insp. Status: <u>PR</u>
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Producing Well

Comment: Plunger lift

Facility ID: <u>426387</u>	Type: <u>WELL</u>	API Number: <u>045-21138</u>	Status: <u>PR</u>	Insp. Status: <u>PR</u>
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Producing Well

Comment: Plunger lift

Facility ID: <u>426388</u>	Type: <u>WELL</u>	API Number: <u>045-21139</u>	Status: <u>PR</u>	Insp. Status: <u>PR</u>
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Producing Well

Comment: Plunger lift

Facility ID: <u>426389</u>	Type: <u>WELL</u>	API Number: <u>045-21140</u>	Status: <u>PR</u>	Insp. Status: <u>PR</u>
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Producing Well

Comment: Plunger lift

Facility ID: <u>426390</u>	Type: <u>WELL</u>	API Number: <u>045-21141</u>	Status: <u>PR</u>	Insp. Status: <u>PR</u>
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Producing Well

Comment: Plunger lift

Facility ID: <u>426391</u>	Type: <u>WELL</u>	API Number: <u>045-21142</u>	Status: <u>PR</u>	Insp. Status: <u>PR</u>
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Producing Well

Comment: Plunger lift

Facility ID: <u>426392</u>	Type: <u>WELL</u>	API Number: <u>045-21143</u>	Status: <u>PR</u>	Insp. Status: <u>PR</u>
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Producing Well

Comment: Plunger lift

Facility ID: <u>426393</u>	Type: <u>WELL</u>	API Number: <u>045-21144</u>	Status: <u>PR</u>	Insp. Status: <u>PR</u>
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Producing Well

Comment: Plunger lift

Facility ID: <u>426394</u>	Type: <u>WELL</u>	API Number: <u>045-21145</u>	Status: <u>PR</u>	Insp. Status: <u>PR</u>
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Producing Well

Comment: **Plunger lift**

Facility ID: 426395 Type: WELL API Number: 045-21146 Status: PR Insp. Status: PR

Producing Well

Comment: **Plunger lift**

Facility ID: 426396 Type: WELL API Number: 045-21147 Status: PR Insp. Status: PR

Producing Well

Comment: **Plunger lift**

Facility ID: 426398 Type: WELL API Number: 045-21148 Status: PR Insp. Status: PR

Producing Well

Comment: **Plunger lift**

Facility ID: 426399 Type: WELL API Number: 045-21149 Status: PR Insp. Status: PR

Producing Well

Comment: **Plunger lift**

Facility ID: 426400 Type: WELL API Number: 045-21150 Status: PR Insp. Status: PR

Producing Well

Comment: **Plunger lift**

Facility ID: 426401 Type: WELL API Number: 045-21151 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:

DWR Receipt Num: _____ Owner Name: _____ GPS: _____ Lat _____ Long _____

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 _____

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 _____

Inspector Name: Murray, Richard

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

S/A/V: _____

Corrective Date: _____

Comment:

CA:

Pits: NO SURFACE INDICATION OF PIT