

**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



DE	ET	OE	ES
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Inspection Date:

02/28/2013

Document Number:

670200242

Overall Inspection:

Satisfactory**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Tracking Type	Inspector Name:
	<u>426401</u>	<u>426397</u>		<u>BURGER, CRAIG</u>

**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@billbarrettcorp.com	Production Foreman
Merry, Jesse		jmerry@billbarrettcorp.com	Production Foreman

**Compliance Summary:**

QtrQtr: NENW Sec: 25 Twp: 6S Range: 92W

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

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	
426385	WELL	DG	04/10/2012	GW	045-21136	Kaufman 11A-25-692	X
426386	WELL	PR	08/07/2012	GW	045-21137	Kaufman 31C-25-692	X
426387	WELL	PR	07/24/2012	GW	045-21138	Kaufman 11D-25-692	X
426388	WELL	PR	06/19/2012	GW	045-21139	Kaufman 31B-25-692	X
426389	WELL	PR	06/20/2012	GW	045-21140	Kaufman 32C-25-692	X
426390	WELL	PR	08/07/2012	GW	045-21141	Kaufman 21B-25-692	X
426391	WELL	PR	06/19/2012	GW	045-21142	Kaufman 21A-25-692	X
426392	WELL	DG	04/14/2012	GW	045-21143	Kaufman 12D-25-692	X
426393	WELL	PR	07/12/2012	GW	045-21144	Kaufman 11B-25-692	X
426394	WELL	PR	06/20/2012	GW	045-21145	Kaufman 32D-25-692	X
426395	WELL	PR	07/24/2012	GW	045-21146	Kaufman 11C-25-692	X
426396	WELL	PR	08/07/2012	GW	045-21147	Kaufman 21C-25-692	X
426398	WELL	PR	06/19/2012	GW	045-21148	Kaufman 31A-25-692	X
426399	WELL	PR	08/07/2012	GW	045-21149	Kaufman 31D-25-692	X
426400	WELL	PR	07/24/2012	GW	045-21150	Kaufman 21D-25-692	X
426401	WELL	DG	04/18/2012	GW	045-21151	Kaufman 22D-25-692	X

**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/Unsatisfactory	Comment	Corrective Action	CA Date
WELLHEAD	Satisfactory			
TANK LABELS/PLACARDS	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	wire fence at ECD		
SEPARATOR	Satisfactory	wire fence		
WELLHEAD	Satisfactory	cattle panel		

**Equipment:**

Type	#	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
Bird Protectors	13	Satisfactory			
Horizontal Heated Separator	16	Satisfactory			
Gas Meter Run	4	Satisfactory			
Emission Control Device	1	Satisfactory			
Pig Station	1	Satisfactory			
Dehydrator	2	Satisfactory			
Gathering Line	1	Satisfactory			
Plunger Lift	16	Satisfactory			

<b>Facilities:</b>		<input type="checkbox"/> New Tank		Tank ID: _____	
Contents	#	Capacity	Type	SE GPS	
CONDENSATE	2	500 BBLS	STEEL AST	,	
S/U/V:	Satisfactory		Comment:	same berm as heated tanks	
Corrective Action:				Corrective Date:	
<b>Paint</b>					
Condition	Adequate				
Other (Content) _____					
Other (Capacity) _____					
Other (Type) _____					
<b>Berms</b>					
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance	
Corrective Action				Corrective Date	
Comment					
<b>Facilities:</b>		<input type="checkbox"/> New Tank		Tank ID: _____	
Contents	#	Capacity	Type	SE GPS	
CONDENSATE	4	500 BBLS	HEATED STEEL AST	39.501560,-107.619000	
S/U/V:	Satisfactory		Comment:		
Corrective Action:				Corrective Date:	
<b>Paint</b>					
Condition	Adequate				
Other (Content) _____					
Other (Capacity) _____					
Other (Type) _____					
<b>Berms</b>					
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance	
Metal	Adequate	Walls Sufficient	Base Sufficient	Adequate	
Corrective Action				Corrective Date	
Comment					
<b>Venting:</b>					
Yes/No	Comment				
YES					
<b>Flaring:</b>					
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date	
Ignitor/Combustor	Satisfactory				
<b>Predrill</b>					
Location ID: 426397					
<b>Site Preparation:</b>					
Lease Road Adeq.: _____		Pads: _____		Soil Stockpile: _____	
Corrective Action: _____		Date: _____		CDP Num.: _____	

**Form 2A COAs:****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"> <li>• Proper notifications required by COGCC regulations or policy memos will be adhered to</li> </ul> <p>TRENCHES/PITS/TEMPORARY FRAC TANKS</p> <ul style="list-style-type: none"> <li>• Unlined pits will not be constructed on fill material.</li> <li>• 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.</li> <li>• 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.</li> <li>• 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.</li> <li>• 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.</li> <li>• 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"> <li>o Circle B Land 33A-35-692SWD, API# 05-045-18493, UIC# 159277</li> <li>o GGU Rodreick #21B-31-691 SWD, API# 05-045-13803, UIC# 159176</li> <li>o Specialty #13A-28-692 SWD, API# 05-045-14054, UIC# 159212</li> <li>o Scott 41D-36-692 SWD, API# 05-045-11169, UIC# 159159</li> </ul> </li> <li>• 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.</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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Wildlife	<p><b>BBC WILDLIFE BEST MANAGEMENT PRACTICES</b></p> <p><b>GENERAL WILDLIFE AND ENVIRONMENTAL PROTECTION MEASURES</b></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><b>INFRASTRUCTURE LAYOUT WILDLIFE PROTECTION MEASURES</b></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><b>DRILLING AND PRODUCTION OPERATION WILDLIFE PROTECTION MEASURES</b></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><b>FLUID PIT/POND WILDLIFE PROTECTION MEASURES</b></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><b>INVASIVE/NON-NATIVE VEGETATION CONTROL</b></p> <ul style="list-style-type: none"> <li>• Educate employees and contractors about noxious and invasive weed issues.</li> </ul> <p><b>RESTORATION, RECLAMATION AND ABANDONMENT</b></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>
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**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:**

Inspector Name: BURGER, CRAIG

Landman Name: _____	Phone Number: _____
Date Onsite Request Received: _____	Date of Rule 306 Consultation: _____
Request LGD Attendance: _____	
<u>LGD Contact Information:</u>	
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: 426385 Type: WELL API Number: 045-21136 Status: DG Insp. Status: PR

**Producing Well**

Comment: plunger lift

**BradenHead**

Comment: braden venting

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

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

Facility ID: 426386 Type: WELL API Number: 045-21137 Status: PR Insp. Status: PR

**Producing Well**

Comment: plunger lift

**Producing Well**

Comment: plunger lift

**BradenHead**

Comment: braden venting

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

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

Facility ID: 426388 Type: WELL API Number: 045-21139 Status: PR Insp. Status: PR

**Producing Well**

Comment: plunger lift

**Producing Well**

Comment: plunger lift

**BradenHead**

Comment: braden venting

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

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

Facility ID:	426390	Type:	WELL	API Number:	045-21141	Status:	PR	Insp. Status:	PR
<b>Producing Well</b>									
Comment:	plunger lift								
<b>BradenHead</b>									
Comment:	braden venting								
CA:									
CA Date:									
Facility ID:	426391	Type:	WELL	API Number:	045-21142	Status:	PR	Insp. Status:	PR
<b>Producing Well</b>									
Comment:	plunger lift								
<b>BradenHead</b>									
Comment:	braden venting								
CA:									
CA Date:									
Facility ID:	426392	Type:	WELL	API Number:	045-21143	Status:	DG	Insp. Status:	PR
<b>Producing Well</b>									
Comment:	plunger lift								
<b>BradenHead</b>									
Comment:	braden venting								
CA:									
CA Date:									
Facility ID:	426393	Type:	WELL	API Number:	045-21144	Status:	PR	Insp. Status:	PR
<b>Producing Well</b>									
Comment:	plunger lift								
<b>BradenHead</b>									
Comment:	braden venting								
CA:									
CA Date:									
Facility ID:	426394	Type:	WELL	API Number:	045-21145	Status:	PR	Insp. Status:	PR
<b>Producing Well</b>									
Comment:	plunger lift								
<b>BradenHead</b>									
Comment:	braden venting								
CA:									
CA Date:									
Facility ID:	426395	Type:	WELL	API Number:	045-21146	Status:	PR	Insp. Status:	PR
<b>Producing Well</b>									
Comment:	plunger lift								
<b>BradenHead</b>									
Comment:	braden venting								
CA:									
CA Date:									
Facility ID:	426396	Type:	WELL	API Number:	045-21147	Status:	PR	Insp. Status:	PR



**Producing Well**Comment: **BradenHead**Comment: CA: CA Date: Facility ID:  Type:  API Number:  Status:  Insp. Status: **Producing Well**Comment: Facility ID:  Type:  API Number:  Status:  Insp. Status: **Producing Well**Comment: Facility ID:  Type:  API Number:  Status:  Insp. Status: **Producing Well**Comment: **BradenHead**Comment: CA: CA Date: Facility ID:  Type:  API Number:  Status:  Insp. Status: **Producing Well**Comment: **BradenHead**Comment: 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:**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:

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? 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: snow cover on site

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 _____		Multi-Well Location <input type="checkbox"/>	

**Storm Water:**

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
Gravel	Pass	Compaction	Pass	MHSP	Pass	
Tackifiers	Pass					
Compaction	Pass	Gravel	Pass			

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

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

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