

**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:

02/18/2015

Document Number:

673900759

Overall Inspection:

SATISFACTORY**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	439051	438823	Rains, Bill	<input type="checkbox"/>	

**Operator Information:**OGCC Operator Number: 10071Name 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
Pobuda, Mary		mpobuda@billbarrettcorp.com	All Inspections
Fallang, Tracey	303-312-8134	tfallang@billbarrettcorp.com	All Inspections
Zavadil, Duane		dzavadil@billbarrettcorp.com	All Inspections

**Compliance Summary:**QtrQtr: Lot 4 Sec: 7 Twp: 6N Range: 61W**Inspector Comment:****Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
439051	WELL	XX	09/22/2014		123-40289	CB Rudd 6-61-18-0263BH2	ND	<input checked="" type="checkbox"/>
439052	WELL	DG	10/25/2014		123-40290	CB Rudd 6-61-18-0263BH2	PR	<input checked="" type="checkbox"/>

**Equipment:**Location Inventory

Special Purpose Pits: <u>      </u>	Drilling Pits: <u>      </u>	Wells: <u>1</u>	Production Pits: <u>      </u>
Condensate Tanks: <u>      </u>	Water Tanks: <u>2</u>	Separators: <u>6</u>	Electric Motors: <u>1</u>
Gas or Diesel Motors: <u>      </u>	Cavity Pumps: <u>      </u>	LACT Unit: <u>1</u>	Pump Jacks: <u>1</u>
Electric Generators: <u>1</u>	Gas Pipeline: <u>      </u>	Oil Pipeline: <u>      </u>	Water Pipeline: <u>      </u>
Gas Compressors: <u>1</u>	VOC Combustor: <u>4</u>	Oil Tanks: <u>8</u>	Dehydrator Units: <u>      </u>
Multi-Well Pits: <u>      </u>	Pigging Station: <u>1</u>	Flare: <u>1</u>	Fuel Tanks: <u>      </u>

**Location**

<b>Signs/Marker:</b>				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
BATTERY	SATISFACTORY			
TANK LABELS/PLACARDS	SATISFACTORY			

Inspector Name: Rains, Bill

Emergency Contact Number (S/A/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/Action Required	Comment	Corrective Action	CA Date
SEPARATOR	SATISFACTORY	PIPE		
IGNITOR/COMBUST OR	SATISFACTORY	PIPE		
TANK BATTERY	SATISFACTORY	PIPE		

**Equipment:**

Type	#	Satisfactory/Action Required	Comment	Corrective Action	CA Date
Compressor	1	SATISFACTORY			
Horizontal Heated Separator	2	SATISFACTORY			
Gas Meter Run	2	SATISFACTORY			
Vertical Separator	1	SATISFACTORY			
Emission Control Device	3	SATISFACTORY			
Ancillary equipment	2	SATISFACTORY	MOBLE GENERATOR AND METH TANK		
Bird Protectors	5	SATISFACTORY			
VRU	2	SATISFACTORY			

**Facilities:**

☐ New Tank

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

Contents	#	Capacity	Type	SE GPS
			CENTRALIZED PAD	,

S/A/V: \_\_\_\_\_

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

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

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

**Paint**

Condition \_\_\_\_\_

Other (Content) \_\_\_\_\_

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

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

**Berms**

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance

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

Comment \_\_\_\_\_

Inspector Name: Rains, Bill

<b>Facilities:</b>		New Tank		Tank ID: _____	
Contents	#	Capacity	Type	SE GPS	
PRODUCED WATER	2	400 BBLS	STEEL AST	,	
S/A/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

Corrective Action		Corrective Date	
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Comment	
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<b>Facilities:</b>	<input type="checkbox"/> New Tank	Tank ID: _____
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Contents	#	Capacity	Type	SE GPS
CRUDE OIL	4	400 BBLS	STEEL AST	40.495780, -104.256900

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

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

**Predrill**

Location ID: 439051

**Site Preparation:**

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

**S/A/V:** \_\_\_\_\_

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

**Form 2A COAs:**

Group	User	Comment	Date
OGLA	andrewsd	Operator shall provide notice to COGCC 48 hours prior to commencing construction of this Oil and Gas Location via Form 42.	09/02/2014

**S/A/V:** \_\_\_\_\_ **Comment:** \_\_\_\_\_**CA:** \_\_\_\_\_ **Date:** \_\_\_\_\_**Wildlife BMPs:**

BMP Type	Comment
Interim Reclamation	Well site cleared. BBC to follow Rule 1004a which requires all equipment to be removed within 90 days of plugging a well.
Drilling/Completion Operations	<p>BBC GENERAL PRACTICES 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.</li> <li>Drill cuttings will either be hauled to an approved spread field or waste disposal facility or will be treated and disposed of onsite. Disposal methods will comply with COGCC regulations.</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 hauled to a state approved disposal facility.</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>
Final Reclamation	Identification of plugged and abandoned wells. BBC to follow Rule 319a(5), requiring identification of P&Ad wells with a permanent monument.
Construction	Berm construction. Berms to be constructed as per rule requirements.
Drilling/Completion Operations	Drill stem tests. Not planned.
Planning	Site-specific measures. BBC is the building unit owner; no concerns or additional mitigation to provide.

Storm Water/Erosion Control	<p><b>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. Alternatively secondary containment may be provided around the entire perimeter of the location when containment structures are not feasible in immediate vicinity of storage vessels.</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> Spill response procedures as per the BBC field SPCC Plan</p> <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>
Drilling/Completion Operations	Closed Loop Drilling Systems – Pit Restrictions. A closed loop drilling system will be utilized
General Housekeeping	Removal of surface trash. Trash would be contained in a trash cage and hauled away to an approved disposal.

Emissions mitigation	Green Completions – Emission Control Systems. BBC is the building unit owner; during flowback operations BBC will follow this general procedure: -Wells will flowback to open top tanks during drillout until sufficient gas pressure is present to allow proper operation of a 3-phase flowback separator -Fluid from flowback separators will dump water/oil to a PT tank; water will dump to closed top frac tanks equipped with a vapor combustor (vapor combustor will have auxiliary fuel to maintain pilot) -PT tank will dump oil to BBC production equipment -Flash vapors off of PT tank will be combusted in flow back flare which will also be equipped with auxiliary fuel -Once gas rate exceeds 200 mcf/d off of any Well all flow will be diverted to BBC production equipment and ultimately into a gas gathering system
Noise mitigation	BBC is the building unit owner; no concerns or mitigation necessary.
Planning	Pit level indicators. No pits are planned for this location.
Material Handling and Spill Prevention	Leak Detection Plan. Conduct routine informal inspections of all tanks and storage facilities at least weekly. -Tank batteries would be placed within secondary containment consisting of corrugated steel containment rings and sized to provide containment for 150% of the largest single tank.
General Housekeeping	Control of fire hazards. Fire hazards not in use to be a minimum of 25' from wellhead, tanks and separator.
Construction	Fencing requirements. BBC is the building unit owner, no fencing proposed.
Drilling/Completion Operations	BBC certifies that the MLVTs will be designed and implemented consistent with the MLVT Policy dated 6/13/14.
Construction	Tank specifications. Tanks will meet NFPA standards.
Construction	Loadlines. Loadlines to be bullplugged or capped. Guy line anchors. Anchors to be identified as required by 604c(2)(Q)
Drilling/Completion Operations	Large Volume Above Ground Storage Tanks: BBC will be utilizing two 40,000 bbls tanks provided by Well Water Solutions. The tanks are approximately 156 feet in diameter and 12 feet tall. Well Water Solution's tanks are manufactured in accordance with designs and specifications that have been reviewed and certified by a Professional Engineer. The tanks will be erected by Well Water Solutions or a contractor authorized by Well Water Solutions to set up their tanks. The tanks will be filled with fresh water obtained from local fresh water sources. The tanks will be placed within the perimeter berm that will be constructed around the entire pad.
Drilling/Completion Operations	Blowout preventer equipment ("BOPE"). BBC is the building unit owner and the building is unoccupied. BOP equipment will be utilized as per requirements. BOPE testing for drilling operations. BBC is the building unit owner and the building is unoccupied, and is not anticipated to be occupied during drilling operations. Adequate equipment will be utilized as per rule requirements. BOPE for well servicing operations. BBC is the building unit owner and the building is unoccupied, and is not anticipated to be occupied during well servicing operations. Adequate equipment will be utilized as per rule requirements.
Traffic control	Traffic Plan. Access road is existing, Weld county doesn't require an encroachment permit for this location. BBC is the building unit owner; no concerns or mitigation necessary.
Planning	Multiwell Pads. BBC is the building unit owner; no concerns or mitigation necessary. This is also a single well pad. Development from existing well pads BBC is the building unit owner; no concerns.

S/A/V: \_\_\_\_\_ Comment: \_\_\_\_\_

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

Stormwater:

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

Staking:

On Site Inspection (305):

Surface Owner Contact Information:

Inspector Name: Rains, Bill

Name: _____	Address: _____
Phone Number: _____	Cell Phone: _____
<u>Operator Rep. Contact Information:</u>	
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: 439051    Type: WELL    API Number: 123-40289    Status: XX    Insp. Status: ND

**Idle Well**

Purpose: <input type="checkbox"/> Shut In <input type="checkbox"/> Temporarily Abandoned	Reminder: _____
S/A/V: _____	CA Date: _____
CA: <span style="border: 1px solid red; padding: 2px;">NO DRILLED</span>	
Comment: _____	

Facility ID: 439052    Type: WELL    API Number: 123-40290    Status: DG    Insp. Status: PR

**Producing Well**

Comment: <span style="border: 1px solid red; padding: 2px;">PR</span>	
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**BradenHead**

Comment: <span style="border: 1px solid red; padding: 2px;">BRADENHEAD EXPOSED TO SURFACE</span>	
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 _____
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**Field Parameters:**

Sample Location: _____	
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Inspector Name: Rains, Bill

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? Pass CM \_\_\_\_\_  
CA \_\_\_\_\_ CA Date \_\_\_\_\_  
Guy line anchors marked? \_\_\_\_\_ 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? Pass

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? In

**RESTORATION AND REVEGETATION**

Cropland

Top soil replaced \_\_\_\_\_ Recontoured \_\_\_\_\_ Perennial forage re-established \_\_\_\_\_

Non-Cropland

Top soil replaced In Recontoured In 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: \_\_\_\_\_



Inspector Name: Rains, Bill

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

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
Gravel	Pass					
Berms	Pass	Gravel	Pass	MHSP	Pass	

S/A/V: SATISFACTOR  
Y

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

Comment:

CA:

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