

**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

Inspection Date:

06/06/2016

Document Number:

673803264

Overall Inspection:

SATISFACTORY w/ CMT  
or AR**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	437135	437136	Gomez, Jason	<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
,		COGCC_FIR@billbarrettcop.com	All Inspections

**Compliance Summary:**QtrQtr: NENW Sec: 11 Twp: 6N Range: 62W**Inspector Comment:****Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
437135	WELL	XX	05/13/2014	LO	123-39414	Ruh 6-62-11-0362CH2	XX	<input type="checkbox"/>
437137	WELL	XX	05/13/2014	LO	123-39415	Ruh 6-62-11-0461CH2	XX	<input type="checkbox"/>
437138	WELL	PR	05/08/2015	OW	123-39416	Ruh 6-62-11-0461BH2	PR	<input checked="" type="checkbox"/>

**Equipment:****Location Inventory**

Special Purpose Pits: <u>      </u>	Drilling Pits: <u>      </u>	Wells: <u>3</u>	Production Pits: <u>      </u>
Condensate Tanks: <u>      </u>	Water Tanks: <u>2</u>	Separators: <u>5</u>	Electric Motors: <u>3</u>
Gas or Diesel Mortors: <u>      </u>	Cavity Pumps: <u>      </u>	LACT Unit: <u>      </u>	Pump Jacks: <u>3</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>2</u>	Oil Tanks: <u>6</u>	Dehydrator Units: <u>      </u>
Multi-Well Pits: <u>      </u>	Pigging Station: <u>1</u>	Flare: <u>1</u>	Fuel Tanks: <u>      </u>

**Location**

Lease Road:				
Type	Satisfactory/Action Required	comment	Corrective Action	Date

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

Emergency Contact Number (S/AR): SATISFACTORY

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

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

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

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

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

<b>Fencing/:</b>				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
OTHER	SATISFACTORY	Fabricated metal		

<b>Equipment:</b>			
Type: Emission Control Device	# 3	Satisfactory/Action Required:	SATISFACTORY
Comment			
Corrective Action			Date:
Type: Plunger Lift	# 1	Satisfactory/Action Required:	SATISFACTORY
Comment			
Corrective Action			Date:
Type: Vertical Separator	# 2	Satisfactory/Action Required:	SATISFACTORY
Comment			
Corrective Action			Date:
Type: Flare	# 1	Satisfactory/Action Required:	SATISFACTORY
Comment			
Corrective Action			Date:
Type: Horizontal Heated Separator	# 1	Satisfactory/Action Required:	SATISFACTORY
Comment			
Corrective Action			Date:
Type: Ancillary equipment	# 1	Satisfactory/Action Required:	SATISFACTORY
Comment	Mobile Generator		
Corrective Action			Date:

Inspector Name: Gomez, Jason

Type: Ancillary equipment	# 1	Satisfactory/Action Required:	SATISFACTORY
Comment	Methonal pump wcontainment		
Corrective Action			Date:
Type: Pig Station	# 2	Satisfactory/Action Required:	SATISFACTORY
Comment			
Corrective Action			Date:
Type: Compressor	# 1	Satisfactory/Action Required:	SATISFACTORY
Comment			
Corrective Action			Date:
Type: Horizontal Separator	# 2	Satisfactory/Action Required:	SATISFACTORY
Comment			
Corrective Action			Date:
Type: Bird Protectors	# 4	Satisfactory/Action Required:	SATISFACTORY
Comment			
Corrective Action			Date:
Type: Gas Meter Run	# 3	Satisfactory/Action Required:	SATISFACTORY
Comment			
Corrective Action			Date:

**Facilities:**☐ New Tank

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

Contents	#	Capacity	Type	SE GPS
PRODUCED WATER	2	400 BBLS	STEEL AST	,
S/AR	SATISFACTORY		Comment:	
Corrective Action:				Corrective Date:

Paint

Condition	Adequate
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
Comment				

**Facilities:**☐ New Tank

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

Contents	#	Capacity	Type	SE GPS
CRUDE OIL	10	400 BBLS	STEEL AST	,
S/AR	SATISFACTORY		Comment:	
Corrective Action:				Corrective Date:

Paint

Inspector Name: Gomez, Jason

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				

**Venting:**

Yes/No	NO
Comment	

**Flaring:**

Type	Satisfactory/Action Required
Comment:	
Corrective Action:	Correct Action Date:

**Predrill**

Location ID: 437135

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

**S/AR:** \_\_\_\_\_

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

**Form 2A COAs:**

Group	User	Comment	Date
OGLA	andrewsd	Once in operation, the MLVT shall be inspected daily and any deficiencies repaired as soon as practicable.	04/23/2014
OGLA	andrewsd	MLVTs shall be operated with a minimum of 1 foot freeboard.	04/23/2014
OGLA	andrewsd	Access to the MLVT shall be limited to operational personnel.	04/23/2014
OGLA	andrewsd	Operators employing MLVTs on their Oil & Gas Locations shall develop and comply with a written standard operating procedure.	04/23/2014
OGLA	andrewsd	All MLVT liner seams shall be welded at the liner manufacturers facility; field welded liners shall not be used. Liners shall not be reused.	04/23/2014
OGLA	andrewsd	MLVTs shall be constructed and operated in accordance with a design certified and sealed by a Colorado Licensed Professional Engineer.	04/23/2014
OGLA	andrewsd	Site preparation and MLVT installation oversight shall be provided by a manufacturer representative either designated or otherwise certified to affirm that the site preparation and MLVT installation was completed in accordance with design specifications. Construction and installation of the tank structure, liner and sub-grade shall meet or exceed the manufacturer specifications.	04/23/2014
OGLA	andrewsd	COGCC Rules 604.a. and 605.a.(2,3,5,6,7, and 8), as applicable to tank setbacks at the time of installation shall apply to the siting of MLVTs.	04/23/2014
OGLA	andrewsd	Should a failure of MLVT integrity occur, operator shall notify COGCC upon discovery, report the incident to COGCC on a Form 22-Accident Report within 10 days, and shall conduct a root cause analysis and provide it to the COGCC on a Form 4-Sundry Notice within 30 days of the failure.	04/23/2014

OGLA	andrewsd	MLVTs may only be utilized for the storage of freshwater. E&P wastes, including produced water, treated E&P wastes, and flowback from hydraulic fracturing operations, are not allowed.	04/23/2014
OGLA	andrewsd	Operator shall be onsite and inspect for leaks during the initial filling of the MLVT. If leaks are observed, filling shall cease and the leaks be repaired and the integrity of the tank evaluated.	04/23/2014
Permit	SachenTo	Passes Permit review.	05/05/2014
OGLA	andrewsd	Signs shall be posted on the MLVT to indicate contents are freshwater and that no E&P waste fluids are allowed. Location and additional signage shall conform to Rule 210.	04/23/2014

**S/AR:** \_\_\_\_\_ **Comment:** \_\_\_\_\_

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

**Wildlife BMPs:**

BMP Type	Comment
Drilling/Completion Operations	<p>Large Volume Above Ground Storage Tanks:</p> <p>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. The tanks will be placed on cut only. We also bring in dirt and create a solid, flat, and level area for the tank to sit on before the vender starts work on the tank. Then the vender digs a small trench and lays down a geo pad before starting to assemble the tank. During initial pad construction, compactors are utilized along with wetting of soil while compacting. This is standard BBC procedure. Also all fittings and flow lines are schedule 80 (2400 psi WP) along with all connections being welded. Tanks will be placed on a bed of sand with a 36 mil synthetic liner that is attached to 3' corrugated containment. The tank (s) will be on location for approximately 1 month. Freshwater will be obtained from Bluewater Resources Depot in Windsor, CO; an industrial water depot. Please see diagrams and contingency plan attached.</p>

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></p> <p>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>
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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.
- 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.
- 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.
- 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/AR: \_\_\_\_\_ Comment: \_\_\_\_\_

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

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: 437138 Type: WELL API Number: 123-39416 Status: PR Insp. Status: PR

**Producing Well**

Comment: PR

**Complaint**Comment: **Complaint #: 200439615****Field Inspector Assigned: Gomez, Jason****Complaint Received:****Date: 6/3/2016 Time 1300 Hrs****Contacted by Inspector:****Date: 6/3/2016, Time (Military): 13:30****Well Number: 05-123-39414 Location #:****Inspection Document #: 673803264****Complainant: Timothy H. Swanson Phone: 970-518-2152****Address: 35293 County Rd 83, Briggsdale Co, 80611****Nature of complaint: Noise****Field Inspector Actions:****On 6-3-2016 at approx 1300Hrs I was contacted by COGCC staff in reference to a noise complaint in the area of the Ruh location in Briggsdale Co.****I spoke with the complainant who indicated he had been experiencing a motor type noise coming from the location.****On 6-6-2016 I performed a site inspection and a noise study at the location see inspection Doc# 673803264 for results of inspection and results of noise study.****The sound survey was run approx 350 north of the location toward the complainants home at approx GPS of 40.50903 -104.29093. Results of the survey indicated no sound violations at the time of the survey.****While at the location I contacted Barrett Cooperation who indicated they would attempt to put up some sound mitigation in an attempt to mitigate an noise coming from the compressor on location.****At the time of the inspection and the sound survey no violations of COGCC rules were observed.****BradenHead**Comment: **Plumbed to surface**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: 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: DRY LAND

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

1003a. Waste and Debris removed? \_\_\_\_\_

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 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: DRY LAND

Reminder: \_\_\_\_\_

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

Well plugged \_\_\_\_\_

Pit mouse/rat holes, cellars backfilled \_\_\_\_\_

Inspector Name: Gomez, Jason

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					

S/A/V: SATISFACTOR  
Y \_\_\_\_\_ Corrective Date: \_\_\_\_\_

Comment: \_\_\_\_\_  
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
673803264	INSPECTION APPROVED	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3916594">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3916594</a>
673803549	Sound survey	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3916593">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3916593</a>