

**FORM
INSP**Rev
05/11**State of Colorado****Oil and Gas Conservation Commission**

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



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Inspection Date:

03/01/2012

Document Number:

663800188

Overall Inspection:

Satisfactory**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Tracking Type	Inspector Name:
	<u>425859</u>	<u>334861</u>		<u>LONGWORTH, MIKE</u>

Operator Information:OGCC Operator Number: 10071 Name of Operator: BARRETT CORPORATION* BILLAddress: 1099 18TH ST STE 2300City: DENVERState: COZip: 80202**Contact Information:**

Contact Name	Phone	Email	Comment
Henderson, Josh	(970) 876-1959	jhenderson@billbarrettcorp.com	Drilling
Ghan, Scott	(970) 876-1959	sghan@billbarrettcorp.com	Environmental

Compliance Summary:QtrQtr: SENE Sec: 31 Twp: 6S Range: 91W**Inspector Comment:****Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	
211382	WELL	PR	07/01/2011	GW	045-07142	GIBSON GULCH UNIT 8-31	<input checked="" type="checkbox"/>
258927	WELL	PR	09/01/2004	OW	045-07669	GIBSON GULCH UNIT 7-31	<input checked="" type="checkbox"/>
260465	LEASE	PR	04/11/2001		-	GIBSON GULCH UNIT 7-31	<input type="checkbox"/>
334861	LOCATION	AC	04/14/2009		-	GGU Fed (Miller Pad #4) 32A-31-691	<input type="checkbox"/>
425855	WELL	XX	10/16/2011		045-21094	GGU MILLER 32B-31-691	<input checked="" type="checkbox"/>
425856	WELL	XX	10/16/2011		045-21095	GGU MILLER 32A-31-691	<input checked="" type="checkbox"/>
425858	WELL	XX	10/16/2011		045-21096	GGU MILLER 33D-31-691	<input checked="" type="checkbox"/>
425859	WELL	XX	10/16/2011		045-21097	GGU MILLER 32D-31-691	<input checked="" type="checkbox"/>

Equipment:Location Inventory

Special Purpose Pits: _____	Drilling Pits: <u>1</u>	Wells: <u>6</u>	Production Pits: _____
Condensate Tanks: <u>4</u>	Water Tanks: <u>2</u>	Separators: <u>6</u>	Electric Motors: _____
Gas or Diesel Mortors: <u>1</u>	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: _____	Flare: _____	Fuel Tanks: _____

Location

Lease Road:				
Type	Satisfactory/Unsatisfactory	comment	Corrective Action	Date
Access	Satisfactory			

Signs/Marker:				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
DRILLING/RECOMP	Satisfactory			

Emergency Contact Number: (S/U/V) Satisfactory Corrective Date: _____

Comment: _____

Corrective Action: _____

Good Housekeeping:				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
TRASH	Satisfactory			
STORAGE OF SUPL	Satisfactory			

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

Venting:		
Yes/No	Comment	

Flaring:				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date

Predrill

Location ID: 334861

Site Preparation:

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

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

Form 2A COAs:

Group	User	Comment	Date
OGLA	kubeczko	Initiated/Completed OGLA Form 2A review on 08-28-11 by Dave Kubeczko; passed by CPW on 09-30-11 with operator submitted BMPs acceptable; passed OGLA Form 2A review on 10-07-11 by Dave Kubeczko; no COAs, BMPs are sufficient.	08/29/2011

Wildlife BMPs:

BMP Type	Comment
Drilling/Completion Operations	<p data-bbox="362 132 711 159">BBC GENERAL PRACTICES</p> <p data-bbox="362 222 568 249">NOTIFICATIONS</p> <ul data-bbox="362 252 1404 279" style="list-style-type: none"> • Proper notifications required by COGCC regulations or policy memos will be adhered to <p data-bbox="362 342 925 369">TRENCHES/PITS/TEMPORARY FRAC TANKS</p> <ul data-bbox="362 401 1507 1077" 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 data-bbox="362 873 1203 989" 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.

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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<p>Storm Water/Erosion Control</p>	<p>BBC STORM WATER AND SPILL CONTROL PRACTICES</p> <p>GENERAL</p> <ul style="list-style-type: none"> • 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 <p>MATERIAL HANDLING, ACTIVITIES, PRACTICES AND STORM WATER DIVERSION</p> <ul style="list-style-type: none"> • 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 <p>EROSION CONTROL</p> <ul style="list-style-type: none"> • 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. <p>EROSION CONTROL SPECIFIC TO PROTECT NEARBY IRRIGATION DITCH</p> <ul style="list-style-type: none"> • Seed and install erosion control blankets on all fill slopes. Erosion control blankets must be designed for installation and sediment on 1 1/2: 1 or steeper slopes; • Install a 3' compacted, earthen perimeter berm on the pad surface at the top of all fill slopes. This perimeter berm should tie into the cut slopes and provide 360° containment of the pad; and • install a diversion ditch and sediment basins at the toe of all fill slopes to collect any sediment and redirect stormwater away from the irrigation ditches. <p>SELF INSPECTION, MAINTENANCE, AND HOUSEKEEPING</p> <ul style="list-style-type: none"> • 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 <p>SPILL RESPONSE</p> <ul style="list-style-type: none"> • Spill response procedures as per the BBC field SPCC Plan <p>VEHICLE & LOCATION PROCEDURES</p> <ul style="list-style-type: none"> • 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 <p>Bill Barrett Corp. – CDPHE Stormwater Permit Number: COR-039752</p>
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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:**Well**

Facility ID: 211382 API Number: 045-07142 Status: PR Insp. Status: TA

Idle WellPurpose: ☐ Shut In ☒ Temporarily Abandoned Reminder: _____

S/V: _____ CA Date: _____

CA: _____

Comment: wells capped to drill 4 new wells

Facility ID: 258927 API Number: 045-07669 Status: PR Insp. Status: TA

Idle WellPurpose: ☐ Shut In ☒ Temporarily Abandoned Reminder: _____

S/V: _____ CA Date: _____

CA: _____

Comment: wells capped to drill 4 new wells

Facility ID: 425855 API Number: 045-21094 Status: XX Insp. Status: ND

Facility ID: 425856 API Number: 045-21095 Status: XX Insp. Status: ND

Facility ID: 425858 API Number: 045-21096 Status: XX Insp. Status: ND

Inspector Name: LONGWORTH, MIKE

Facility ID: 425859 API Number: 045-21097 Status: XX Insp. Status: DG

Well Drilling

Rig: Rig Name: Pro Petro Pusher/Rig Manager: Casey Lauer
Permit Posted: Satisfactory Access Sign: Satisfactory

Well Control Equipment:

Pipe Ram: Blind Ram: Hydril Type:
Pressure Test BOP: Test Pressure PSI: Safety Plan:

Drill Fluids Management:

Lined Pit: Unlined Pit: Closed Loop: Semi-Closed Loop:
Multi-Well: YES Disposal Location:

Comment:

Cement

Cement Contractor

Contractor Name: Halliburton Contractor Phone:

Surface Casing

Cement Volume (sx): 120L120t=240sks Circulate to Surface: YES
Cement Fall Back: Top Job, 1" Volume: NO

Intermediate Casing

Cement Volume (sxs): Good Return During Job:

Production Casing

Cement Volume (sx): Good Return During Job:

Plugging Operations

Depth Plugs(feet range): Cement Volume (sx):

Good Return During Job: Cement Type:

Comment:

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):

Comment: _____

Pilot: _____ Wildlife Protection Devices (fired vessels): _____

Reclamation - Storm Water - Pit**Interim Reclamation:**

Date Interim Reclamation Started: _____ Date Interim Reclamation Completed: _____

Land Use: HAY MEADOW, IRRIGATED, OTHER _____

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 REVEGETATIONCropland

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: HAY MEADOW, IRRIGATED, OTHER _____

Reminder: _____

Comment: _____

Well plugged _____ Pit mouse/rat holes, cellars backfilled _____

Inspector Name: LONGWORTH, MIKE

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

Storm Water:

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
S/U/V: _____ Corrective Date: _____						
Comment: _____						
CA: _____						