

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
-------------------------------	--	--	----------------------

FIELD INSPECTION FORM

Location Identifier	Facility ID 424800	Loc ID 424796	Inspector Name: BURGER, CRAIG	On-Site Inspection <input type="checkbox"/>	2A Doc Num: _____
---------------------	-----------------------	------------------	----------------------------------	---	-------------------

Inspection Date:
03/19/2013

Document Number:
670200273

Overall Inspection:
Satisfactory

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
Axelson, Aaron		aaxelson@billbarrettcorp.com	Production Foreman
Merry, Jesse		jmerry@billbarrettcorp.com	Area Superintendent
Kellerby, Shaun		Shaun.Kellerby@state.co.us	NW Field Supervisor

Compliance Summary:

QtrQtr: NWSW Sec: 23 Twp: 6S Range: 92W

Inspector Comment:

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	
424800	WELL	PR	06/13/2012	GW	045-20942	EPPERLY 23A-23-692	X
424802	WELL	PR	07/19/2012	GW	045-20943	EPPERLY 13D-23-692	X
424803	WELL	PR	07/26/2012	GW	045-20944	EPPERLY 14B-23-692	X
424807	WELL	PR	07/19/2012	GW	045-20945	EPPERLY 13C-23-692	X
424808	WELL	PR	07/26/2012	GW	045-20946	EPPERLY 24D-23-692	X
424809	WELL	PR	07/19/2012	GW	045-20947	EPPERLY 13A-23-692	X
424810	WELL	PR	06/13/2012	GW	045-20948	EPPERLY 23B-23-692	X
424811	WELL	PR	07/23/2012	GW	045-20949	EPPERLY 23D-23-692	X
424813	WELL	PR	06/13/2012	GW	045-20950	EPPERLY 23C-23-692	X
424815	WELL	PR	07/10/2012	GW	045-20951	EPPERLY 13B-23-692	X
424816	WELL	PR	07/26/2012	GW	045-20952	EPPERLY 24B-23-692	X
424932	WELL	PR	07/26/2012	GW	045-20979	Epperly 14D-23-692	X

Equipment: Location Inventory

Special Purpose Pits: _____	Drilling Pits: <u>1</u>	Wells: <u>12</u>	Production Pits: _____
Condensate Tanks: <u>5</u>	Water Tanks: <u>3</u>	Separators: <u>12</u>	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: <u>1</u>	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
BATTERY	Satisfactory			
WELLHEAD	Satisfactory			
TANK LABELS/PLACARDS	Satisfactory			

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

Comment: _____

Corrective Action: _____

Good Housekeeping:				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
TRASH	Unsatisfactory	Some pieces of liner on location and in reclaim areas.	Remove.	04/05/2013

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

Fencing/:				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
WELLHEAD	Satisfactory	Cattle panel		
SEPARATOR	Satisfactory	wire fence		

Equipment:					
Type	#	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
Gathering Line	1	Satisfactory			
Gas Meter Run	3	Satisfactory			
Pig Station	1	Satisfactory			
Bird Protectors	11	Satisfactory			
Deadman # & Marked	3	Unsatisfactory		Replace missing and down deadmen.	04/05/2013
Plunger Lift	12	Satisfactory			
Horizontal Heated Separator	10	Satisfactory			
Emission Control Device	1	Satisfactory			
Vertical Heated Separator	4	Satisfactory			

Facilities:		<input type="checkbox"/> New Tank	Tank ID: _____	
Contents	#	Capacity	Type	SE GPS
PRODUCED WATER	2	500 BBLS	STEEL AST	,
S/U/V:	Satisfactory	Comment:	same berm as condensate tanks	
Corrective Action:				Corrective Date:
<u>Paint</u>				
Condition	Adequate			
Other (Content)	_____			
Other (Capacity)	_____			
Other (Type)	_____			
<u>Berms</u>				
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Corrective Action				Corrective Date
Comment				

Facilities:		<input type="checkbox"/> New Tank	Tank ID: _____	
Contents	#	Capacity	Type	SE GPS
CONDENSATE	4	500 BBLS	HEATED STEEL AST	39.511900, -107.640220
S/U/V:	Satisfactory	Comment:		
Corrective Action:				Corrective Date:
<u>Paint</u>				
Condition	Adequate			
Other (Content)	_____			
Other (Capacity)	_____			
Other (Type)	_____			
<u>Berms</u>				
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Metal	Adequate	Walls Sufficient	Base Sufficient	Adequate
Corrective Action				Corrective Date
Comment				

Venting:	
Yes/No	Comment
YES	bradenheads venting

Flaring:				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
Ignitor/Combustor	Satisfactory			

Predrill				
Location ID: 424796				
Site Preparation:				
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"> • 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.
----------	---

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:

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: <u>424800</u>	Type: <u>WELL</u>	API Number: <u>045-20942</u>	Status: <u>PR</u>	Insp. Status: <u>PR</u>
----------------------------	-------------------	------------------------------	-------------------	-------------------------

Producing Well

Comment: plunger lift

Facility ID: <u>424802</u>	Type: <u>WELL</u>	API Number: <u>045-20943</u>	Status: <u>PR</u>	Insp. Status: <u>PR</u>
----------------------------	-------------------	------------------------------	-------------------	-------------------------

Producing Well

Comment: plunger lift

Facility ID: <u>424803</u>	Type: <u>WELL</u>	API Number: <u>045-20944</u>	Status: <u>PR</u>	Insp. Status: <u>PR</u>
----------------------------	-------------------	------------------------------	-------------------	-------------------------

Producing Well

Comment: plunger lift

Facility ID: <u>424807</u>	Type: <u>WELL</u>	API Number: <u>045-20945</u>	Status: <u>PR</u>	Insp. Status: <u>PR</u>
----------------------------	-------------------	------------------------------	-------------------	-------------------------

Producing Well

Comment: plunger lift

Facility ID: <u>424808</u>	Type: <u>WELL</u>	API Number: <u>045-20946</u>	Status: <u>PR</u>	Insp. Status: <u>PR</u>
----------------------------	-------------------	------------------------------	-------------------	-------------------------

Producing Well

Comment: plunger lift

Facility ID: <u>424809</u>	Type: <u>WELL</u>	API Number: <u>045-20947</u>	Status: <u>PR</u>	Insp. Status: <u>PR</u>
----------------------------	-------------------	------------------------------	-------------------	-------------------------

Producing Well

Comment: plunger lift

Facility ID: <u>424810</u>	Type: <u>WELL</u>	API Number: <u>045-20948</u>	Status: <u>PR</u>	Insp. Status: <u>PR</u>
----------------------------	-------------------	------------------------------	-------------------	-------------------------

Producing Well

Comment: plunger lift

Facility ID: <u>424811</u>	Type: <u>WELL</u>	API Number: <u>045-20949</u>	Status: <u>PR</u>	Insp. Status: <u>PR</u>
----------------------------	-------------------	------------------------------	-------------------	-------------------------

Producing Well

Comment: plunger lift

Facility ID: <u>424813</u>	Type: <u>WELL</u>	API Number: <u>045-20950</u>	Status: <u>PR</u>	Insp. Status: <u>PR</u>
----------------------------	-------------------	------------------------------	-------------------	-------------------------

Producing Well

Comment:

Facility ID: 424815 Type: WELL API Number: 045-20951 Status: PR Insp. Status: PR

Producing Well

Comment:

Facility ID: 424816 Type: WELL API Number: 045-20952 Status: PR Insp. Status: PR

Producing Well

Comment:

Facility ID: 424932 Type: WELL API Number: 045-20979 Status: PR Insp. Status: PR

Producing Well

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): 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: _____

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 _____

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

Storm Water:						
Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
Compaction	Pass	Culverts	Pass			
Check Dams	Pass	Check Dams	Fail			
Berms	Pass	Ditches	Fail	MHSP	Pass	
Mulching	Pass	Waddles	Pass			
Ditches	Pass	Mulching	Pass			
Sediment Traps	Pass	Gravel	Pass			

S/U/V: Unsatisfactory Corrective Date: 04/05/2013

Comment: Ditches need maintenance. Gravel bag check dams are silted in or out of place.

CA: Maintain BMP's.