

**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



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Inspection Date:

08/27/2012

Document Number:

668100127

Overall Inspection:

Satisfactory**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Tracking Type	Inspector Name:
	<u>425899</u>	<u>425899</u>		<u>KELLERBY, SHAUN</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
Pivik, Justin	(970) 876-1959	jpivik@billbarrettcorp.com	Production
Axelsson, Aaron		aaxelson@billbarrettcorp.com	
Merry, Jessie	(970) 876-1959	jmerry@billbarrettcorp.com	Production Foreman
Ghan, Scott	(970) 876-1959/ (303) 981-2562	sghan@billbarrettcorp.com	Environmental

Compliance Summary:QtrQtr: SWNW Sec: 23 Twp: 6S Range: 92W**Inspector Comment:****Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	
425882	WELL	XX	10/16/2011		045-21098	Dixon Federal 42A-22-692	X
425883	WELL	XX	10/16/2011		045-21099	Dixon Federal 42B-22-692	X
425884	WELL	XX	10/16/2011		045-21100	Dixon Federal 41D-22-692	X
425886	WELL	XX	10/16/2011		045-21101	Dixon Federal 42C-22-692	X
425887	WELL	XX	10/16/2011		045-21102	Dixon Federal 12B-23-692	X
425888	WELL	XX	10/16/2011		045-21103	Dixon Federal 12A-23-692	X
425890	WELL	XX	10/16/2011		045-21104	Dixon Federal 11B-23-692	X
425892	WELL	XX	10/16/2011		045-21105	Dixon Federal 42D-22-692	X
425893	WELL	XX	10/16/2011		045-21106	Dixon Federal 12C-23-692	X
425894	WELL	XX	10/16/2011		045-21107	Dixon Federal 11A-23-692	X
425895	WELL	XX	10/16/2011		045-21108	Dixon Federal 41A-22-692	X
425897	WELL	XX	10/16/2011		045-21109	Dixon Federal 41C-22-692	X
425898	WELL	XX	10/16/2011		045-21110	Dixon Federal 11C-23-692	X
425900	WELL	XX	10/16/2011		045-21111	Dixon Federal 41B-22-692	X
425902	WELL	XX	10/16/2011		045-21112	Dixon Federal 11D-23-692	X
425904	WELL	XX	10/16/2011		045-21113	Dixon Federal 12D-23-692	X

Equipment:Location Inventory

Inspector Name: KELLERBY, SHAUN

Special Purpose Pits: _____	Drilling Pits: <u>1</u>	Wells: <u>16</u>	Production Pits: _____
Condensate Tanks: <u>6</u>	Water Tanks: <u>2</u>	Separators: <u>16</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				
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Lease Road:				
Type	Satisfactory/Unsatisfactory	comment	Corrective Action	Date
Main	Satisfactory			

Signs/Marker:				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
BATTERY	Satisfactory			
WELLHEAD	Unsatisfactory	No signs at the well head. Two wells producing at the time of inspection.	Install sign to comply with rule 210.b.	10/31/2012
TANK LABELS/PLACARDS	Unsatisfactory	4 tanks in the battery with no labels.	Install sign to comply with rule 210.b.	10/31/2012

Emergency Contact Number: <u>(S/U/V)</u>	Satisfactory	Corrective Date: _____
Comment: _____		
Corrective Action: _____		

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

Fencing/:				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
SEPARATOR	Satisfactory			

Equipment:					
Type	#	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
Bird Protectors		Satisfactory			
Horizontal Heated Separator	13	Satisfactory	Gravel Berm		
Emission Control Device		Satisfactory			

Facilities:		<input type="checkbox"/> New Tank		Tank ID: _____	
Contents	#	Capacity	Type	SE GPS	
CONDENSATE	6	500 BBLS	STEEL AST	39.521130,107.968070	
S/U/V:	Satisfactory		Comment: _____		
Corrective Action: No signs on 4 tanks.				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					
Venting:					
Yes/No		Comment			
NO					
Flaring:					
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date	
Field Flare	Satisfactory	No Flaring was observed during this inspection. Gas is placed into tanks before flaring.			
<u>Predrill</u>					
Location ID: 425899					
Site Preparation:					
Lease Road Adeq.: _____		Pads: _____		Soil Stockpile: _____	
Corrective Action: _____		Date: _____		CDP Num.: _____	
Form 2A COAs:					
Group	User	Comment	Date		
Permit	edelenr	Removed plugging bond Changed distance to road to 4,290' Added Related Forms information to tab	10/03/2011		
Comment: No pit on pad, Berms and Waddles used around the pad site.					
CA: _____				Date: _____	
Wildlife BMPs:					

BMP Type	Comment
Wildlife	<p data-bbox="362 132 980 159">BBC WILDLIFE BEST MANAGEMENT PRACTICES</p> <p data-bbox="362 191 1235 218">GENERAL WILDLIFE AND ENVIRONMENTAL PROTECTION MEASURES</p> <ul data-bbox="362 249 1455 428" 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 data-bbox="362 459 1192 487">INFRASTRUCTURE LAYOUT WILDLIFE PROTECTION MEASURES</p> <ul data-bbox="362 518 997 575" style="list-style-type: none"> • Implementing fugitive dust control measures • Limit parking to disturbed areas as much as possible <p data-bbox="362 606 1365 634">DRILLING AND PRODUCTION OPERATION WILDLIFE PROTECTION MEASURES</p> <ul data-bbox="362 665 1492 812" 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 data-bbox="362 844 1037 871">FLUID PIT/POND WILDLIFE PROTECTION MEASURES</p> <ul data-bbox="362 903 1507 1020" 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 data-bbox="362 1052 971 1079">INVASIVE/NON-NATIVE VEGETATION CONTROL</p> <ul data-bbox="362 1079 1289 1106" style="list-style-type: none"> • Educate employees and contractors about noxious and invasive weed issues. <p data-bbox="362 1138 1036 1165">RESTORATION, RECLAMATION AND ABANDONMENT</p> <ul data-bbox="362 1197 1474 1283" 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.

Storm Water/Erosion Control	<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>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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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 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.
 - 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.

Comment: Speed signs posted on the roadway. Bird screen in place. Fencing used around the production equipment. Closed top flow

CA: **Date:**

Stormwater:

Erosion BMPs	Present	Other BMPs	Present
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

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:

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: 425882 Type: WELL API Number: 045-21098 Status: XX Insp. Status: PR**Producing Well**Comment: New well on production.Facility ID: 425883 Type: WELL API Number: 045-21099 Status: XX Insp. Status: PR**Producing Well**Comment: New well on production.Facility ID: 425884 Type: WELL API Number: 045-21100 Status: XX Insp. Status: WO**Well Stimulation**

Stimulation Company: _____

Stimulation Type: _____

Observation:

Other: _____

Maximum Casing Recorded: _____ PSI

Tubing: _____

Surface: _____

Intermediate: _____

Production: _____

Instantaneous Shut-In Pressure (ISIP) _____

Bradenhead Psi: _____

Frac Flow Back: _____

Fluid: _____

Gas: _____

Facility ID: 425886 Type: WELL API Number: 045-21101 Status: XX Insp. Status: WO**Well Stimulation**

Stimulation Company: _____

Stimulation Type: _____

Observation:

Other: _____

Maximum Casing Recorded: _____ PSI

Tubing: _____

Surface: _____

Intermediate: _____

Production: _____

Instantaneous Shut-In Pressure (ISIP) _____

Bradenhead Psi: _____

Frac Flow Back: _____

Fluid: _____

Gas: _____

Facility ID: 425887 Type: WELL API Number: 045-21102 Status: XX Insp. Status: WO**Well Stimulation**

Stimulation Company: _____

Stimulation Type: _____

Observation:

Other: _____

Maximum Casing Recorded: _____ PSI

Tubing: _____

Surface: _____

Intermediate: _____

Production: _____

Instantaneous Shut-In Pressure (ISIP) _____

Bradenhead Psi: _____

Frac Flow Back: _____

Fluid: _____

Gas: _____

Facility ID: 425888 Type: WELL API Number: 045-21103 Status: XX Insp. Status: WO

Well Stimulation

Stimulation Company: _____

Stimulation Type: _____

Observation:

Other: _____

Maximum Casing Recorded: _____ PSI

Tubing: _____

Surface: _____

Intermediate: _____

Production: _____

Instantaneous Shut-In Pressure (ISIP) _____

Bradenhead Psi: _____

Frac Flow Back: _____ Fluid: _____ Gas: _____

Facility ID: 425890 Type: WELL API Number: 045-21104 Status: XX Insp. Status: WO

Well Stimulation

Stimulation Company: _____

Stimulation Type: _____

Observation:

Other: _____

Maximum Casing Recorded: _____ PSI

Tubing: _____

Surface: _____

Intermediate: _____

Production: _____

Instantaneous Shut-In Pressure (ISIP) _____

Bradenhead Psi: _____

Frac Flow Back: _____ Fluid: _____ Gas: _____

Facility ID: 425892 Type: WELL API Number: 045-21105 Status: XX Insp. Status: WO

Well Stimulation

Stimulation Company: _____

Stimulation Type: _____

Observation:

Other: _____

Maximum Casing Recorded: _____ PSI

Tubing: _____

Surface: _____

Intermediate: _____

Production: _____

Instantaneous Shut-In Pressure (ISIP) _____

Bradenhead Psi: _____

Frac Flow Back: _____ Fluid: _____ Gas: _____

Facility ID: 425893 Type: WELL API Number: 045-21106 Status: XX Insp. Status: WO

Well Stimulation

Stimulation Company: _____

Stimulation Type: _____

Observation:

Other: _____

Maximum Casing Recorded: _____ PSI

Tubing: _____

Surface: _____

Intermediate: _____

Production: _____

Instantaneous Shut-In Pressure (ISIP) _____

Bradenhead Psi: _____

Frac Flow Back: _____ Fluid: _____ Gas: _____

Facility ID: 425894 Type: WELL API Number: 045-21107 Status: XX Insp. Status: WO

Well Stimulation

Stimulation Company: _____

Stimulation Type: _____

Observation:

Other: _____

Maximum Casing Recorded: _____ PSI

Tubing: _____

Surface: _____

Intermediate: _____

Production: _____

Instantaneous Shut-In Pressure (ISIP) _____

Bradenhead Psi: _____

Frac Flow Back: _____ Fluid: _____ Gas: _____

Facility ID: 425895 Type: WELL API Number: 045-21108 Status: XX Insp. Status: WO

Well Stimulation

Stimulation Company: _____

Stimulation Type: _____

Observation:

Other: _____

Maximum Casing Recorded: _____ PSI

Tubing: _____

Surface: _____

Intermediate: _____

Production: _____

Instantaneous Shut-In Pressure (ISIP) _____

Bradenhead Psi: _____

Frac Flow Back: _____ Fluid: _____ Gas: _____

Facility ID: 425897 Type: WELL API Number: 045-21109 Status: XX Insp. Status: WO

Well Stimulation

Stimulation Company: _____

Stimulation Type: _____

Observation:

Other: _____

Maximum Casing Recorded: _____ PSI

Tubing: _____

Surface: _____

Intermediate: _____

Production: _____

Instantaneous Shut-In Pressure (ISIP) _____

Bradenhead Psi: _____

Frac Flow Back: _____ Fluid: _____ Gas: _____

Facility ID: 425898 Type: WELL API Number: 045-21110 Status: XX Insp. Status: WO

Well Stimulation

Stimulation Company: _____

Stimulation Type: _____

Observation:

Other: _____

Maximum Casing Recorded: _____ PSI

Tubing: _____

Surface: _____

Intermediate: _____

Production: _____

Instantaneous Shut-In Pressure (ISIP) _____

Bradenhead Psi: _____

Frac Flow Back: _____ Fluid: _____ Gas: _____

Facility ID: 425900 Type: WELL API Number: 045-21111 Status: XX Insp. Status: WO

Well Stimulation

Stimulation Company: _____

Stimulation Type: _____

Observation:

Other: _____

Maximum Casing Recorded: _____ PSI

Tubing: _____

Surface: _____

Intermediate: _____

Production: _____

Instantaneous Shut-In Pressure (ISIP) _____

Bradenhead Psi: _____

Frac Flow Back: _____ Fluid: _____ Gas: _____

Facility ID: 425902 Type: WELL API Number: 045-21112 Status: XX Insp. Status: WO

Well Stimulation

Stimulation Company: _____

Stimulation Type: _____

Observation:

Other: _____

Maximum Casing Recorded: _____ PSI

Tubing: _____

Surface: _____

Intermediate: _____

Production: _____

Instantaneous Shut-In Pressure (ISIP) _____

Bradenhead Psi: _____

Frac Flow Back: _____ Fluid: _____ Gas: _____

Facility ID: 425904 Type: WELL API Number: 045-21113 Status: XX Insp. Status: WO

Well Stimulation

Stimulation Company: _____

Stimulation Type: _____

Observation:

Other: _____

Maximum Casing Recorded: _____ PSI

Tubing: _____

Surface: _____

Intermediate: _____

Production: _____

Instantaneous Shut-In Pressure (ISIP) _____

Bradenhead Psi: _____

Frac Flow Back: _____

Fluid: _____

Gas: _____

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:

Lat _____ Long _____

DWR Receipt Num: _____ Owner Name: _____ GPS : _____

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: RANGELAND

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: 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

S/U/V: _____ Corrective Date: _____

Comment: _____

CA: _____

COGCC Comments

Comment	User	Date
Inspection in response to a complaint, Doc#200361831, Stimulation operations are on going on this pad site. Flaring is conducted through tanks before reaching the stack. No issues were found during inspection on operations.	kellerbs	08/30/2012