

**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:

10/03/2012

Document Number:

668500153

Overall Inspection:

Satisfactory**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Tracking Type	Inspector Name: Baroumand, Soraya
	420216	335865		

Operator Information:OGCC Operator Number: 10091 Name of Operator: BERRY PETROLEUM COMPANYAddress: 1999 BROADWAY STE 3700City: DENVER State: CO Zip: 80202**Contact Information:**

Contact Name	Phone	Email	Comment
Burns, Bryan	(303) 999-4400	bob@bry.com	
Johnson, Derek	(970) 285-2200	dsj@bry.com	Foreman
Freeman, Chris	(303) 999-4400	cpf@bry.com	Environmental

Compliance Summary:QtrQtr: SWSW Sec: 15 Twp: 5S Range: 95W**Inspector Comment:****Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	
287960	WELL	PR	11/10/2010	GW	045-13096	LONG RIDGE 01B M15 595	<input checked="" type="checkbox"/>
287961	WELL	PR	02/13/2012	GW	045-13095	long ridge 13A M15 595	<input checked="" type="checkbox"/>
287962	WELL	PR	02/13/2012	GW	045-13094	LONG RIDGE 08D M15 595	<input checked="" type="checkbox"/>
287963	WELL	XX	09/27/2010	LO	045-13093	Long Ridge 05B M15 595	<input checked="" type="checkbox"/>
287964	WELL	XX	09/27/2010	LO	045-13092	Long Ridge 12D M15 595	<input checked="" type="checkbox"/>
287965	WELL	XX	09/27/2010	LO	045-13091	Long Ridge 12A M15 595	<input checked="" type="checkbox"/>
287966	WELL	XX	09/27/2010	LO	045-13090	Long Ridge 12C M15 595	<input checked="" type="checkbox"/>
287967	WELL	PR	01/13/2011	LO	045-13089	LONG RIDGE 04A M15 595	<input checked="" type="checkbox"/>
420216	WELL	XX	11/04/2010		045-20106	Long Ridge 12B M15 595	<input checked="" type="checkbox"/>
420231	WELL	XX	11/04/2010		045-20110	Long Ridge 05C M15 595	<input checked="" type="checkbox"/>

Equipment:Location Inventory

Special Purpose Pits: _____	Drilling Pits: _____	Wells: <u>10</u>	Production Pits: _____
Condensate Tanks: <u>5</u>	Water Tanks: <u>1</u>	Separators: <u>1</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>1</u>
Gas Compressors: _____	VOC Combustor: _____	Oil Tanks: _____	Dehydrator Units: <u>3</u>
Multi-Well Pits: _____	Pigging Station: _____	Flare: _____	Fuel Tanks: _____

Location

Inspector Name: Baroumand, Soraya

Emergency Contact Number: <u>(S/U/V)</u> <u>Satisfactory</u>	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
WELLHEAD	Satisfactory			

Equipment:					
Type	#	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
Horizontal Heated Separator	1	Satisfactory			

Venting:		
Yes/No	Comment	

Flaring:				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date

Predrill			
Location ID: <u>335865</u>			
Site Preparation:			
Lease Road Adeq.: _____		Pads: _____	Soil Stockpile: _____
Corrective Action: _____		Date: _____	CDP Num.: _____
Form 2A COAs:			
Group	User	Comment	Date
OGLA	kubeczkod	No portion of any pit that will be used to hold liquids shall be constructed on fill material, unless the pit and fill slope are designed and certified by a professional engineer, subject to review and approval by the director prior to construction of the pit. The construction and lining of the pit shall be supervised by a professional engineer or their agent. The entire base of the pit must be in cut.	09/29/2010
OGLA	kubeczkod	The moisture content of any drill cuttings in a cuttings pit, trench, or pile shall be as low as practicable to prevent accumulation of liquids greater than de minimis amounts. At the time of closure, the drill cuttings must also meet the applicable standards of table 910-1.	09/29/2010
OGLA	kubeczkod	Any pit constructed to hold fluids (reserve pit, production pit; except for flare pit) must be lined.	09/29/2010

OGLA	kubeczkod	Operator must ensure 110 percent secondary containment for any volume of fluids contained at well site during drilling and completion operations; including, but not limited to, construction of a berm or diversion dike, diversion/collection trenches within and/or outside of berms/dikes, site grading, or other comparable measures (i.e., BMPs associated with stormwater management) sufficiently protective of the nearby surface water. If fluids are conveyed via pipeline, operator must implement best management practices to contain any unintentional release of fluids.	09/29/2010
OGLA	kubeczkod	The nearby hillside must be monitored for any day-lighting of drilling fluids throughout the drilling of the surface casing interval.	09/29/2010
OGLA	kubeczkod	Notice to Operators (NTO) Drilling Wells on the Roan Plateau in Garfield County: Comply with all provisions of the June 12, 2008 Notice to Operators (NTO) Drilling Wells Within ¼ Mile of the Rim of the Roan Plateau in Garfield County – Pit Design, Construction, and Monitoring Requirements. At a minimum, the following condition of approval (COA) will apply: All pits must be lined.	09/29/2010

Comment:**CA:****Date:****Wildlife BMPs:**

BMP Type	Comment
Drilling/Completion Operations	<p>The following list of Best Management Practices (BMP's) that will be implemented by Berry Petroleum Company during the pad construction, well drilling, well completion, natural gas production and reclamation phases of activity on the Long Ridge M15 595 well Pad.</p> <p>A total of 10 wells will be directionally drilled from the M15 well pad (4 wells TD'd, waiting on completion, 6 proposed wells). Directional drilling has enabled Berry Petroleum Company to reduce the number of well pads required for gas recovery and will minimize surface damage.</p> <p>The M15 well pad will be constructed adjacent to an existing road. This eliminates the need to construct an additional road for access and avoids additional surface disturbance.</p> <p>In general, Berry Petroleum Company will comply with all applicable federal, state and local statutes, rules, regulations and ordinances, including those of OSHA, the COGCC and the CDPHE. Relating to safety and the environment.</p> <p>During construction of the well pad, topsoil will be isolated from other soils and placed and stacked per COGCC requirements. All cuts, fill slopes, pits and topsoil piles will be stabilized and revegetated immediately following construction.</p> <p>The pad will be constructed in compliance with CDPHE Stormwater Discharge regulations.</p> <p>Bear proof dumpsters/trash cans will be used on the location for solid/food waste disposal.</p> <p>Noxious weeds will be controlled.</p> <p>Temporary housing for the drill rig crews will meet all Garfield County regulations. The housing quarters will receive 24/7 supervision by Berry Petroleum Company.</p> <p>Production tanks shall be placed on a non-permeable liner and surrounded by a metal containment wall at least 3 feet in height.</p>

Comment:**CA:****Date:****Stormwater:**

Erosion BMPs	Present	Other BMPs	Present
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Inspector Name: Baroumand, Soraya

Corrective Action: _____		Date: _____	
Comments: Erosion BMPs: _____			
Other BMPs: _____			
Comment: _____			
Staking: _____			
On Site Inspection (305):			
<u>Surface Owner Contact Information:</u>			
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: 287960	Type: WELL	API Number: 045-13096	Status: PR	Insp. Status: PR
Facility ID: 287961	Type: WELL	API Number: 045-13095	Status: PR	Insp. Status: PR
Facility ID: 287962	Type: WELL	API Number: 045-13094	Status: PR	Insp. Status: PR
Facility ID: 287963	Type: WELL	API Number: 045-13093	Status: XX	Insp. Status: ND
Facility ID: 287964	Type: WELL	API Number: 045-13092	Status: XX	Insp. Status: ND
Facility ID: 287965	Type: WELL	API Number: 045-13091	Status: XX	Insp. Status: ND
Facility ID: 287966	Type: WELL	API Number: 045-13090	Status: XX	Insp. Status: ND
Facility ID: 287967	Type: WELL	API Number: 045-13089	Status: PR	Insp. Status: PR
Facility ID: 420216	Type: WELL	API Number: 045-20106	Status: XX	Insp. Status: ND
Facility ID: 420231	Type: WELL	API Number: 045-20110	Status: XX	Insp. Status: ND

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? 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? _____ CM _____ CA _____ CA Date _____
 Guy line anchors marked? Pass CM _____ CA _____ CA Date _____

1003b. Area no longer in use? In Production areas stabilized? Pass

1003c. Compacted areas have been cross ripped? Pass

1003d. Drilling pit closed? Pass Subsidence over on drill pit? Pass

Cuttings management: good

1003e. Areas no longer needed for drilling or subsequent operations for have been re-vegetated to 80% of pre-existing? In

Production areas have been stabilized? Pass Segregated soils have been replaced? Pass

Inspector Name: Baroumand, Soraya

RESTORATION AND REVEGETATION

Cropland

Top soil replaced _____ Recontoured _____ Perennial forage re-established _____

Non-Cropland

Top soil replaced _____ Recontoured _____ 80% Revegetation _____ In _____

1003 f. Weeds Noxious weeds? _____ P _____

Comment: Pit closed & backfilled. Perimeters have been regraded and sloped toward the pad reducing well pad footprint. Good contouring and shaping

Overall Interim Reclamation Pass

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
Ditches	Pass					large well-shaped swales
Tackifiers						
Mulching	Pass					
Drains	Pass					contoured drainage ways
Slope Roughening	Pass					tilling, furrowing along the contour
Berms	Pass					

S/U/V: Satisfactory _____ Corrective Date: _____

Comment: _____

CA: _____