

**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:

08/20/2014

Document Number:

674700217

Overall Inspection:

Satisfactory**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection
	<u>335834</u>	<u>335834</u>	<u>LONGWORTH, MIKE</u>	<input type="checkbox"/> 2A Doc Num: _____

Operator Information:OGCC Operator Number: 10091 Name of Operator: BERRY PETROLEUM COMPANY LLCAddress: 1999 BROADWAY STE 3700City: DENVERState: COZip: 80202**Contact Information:**

Contact Name	Phone	Email	Comment
Johnson, Derek	970-285-2200	dsjohnson@linenergy.com	
Kellerby, Shaun		shaun.kellerby@state.co.us	
Burns, Bryan		bburns@linenergy.com	
Bang, Heidi	303-999-4262	HBang@linenergy.com	
White, Brent		bwhite@linenergy.com	Production Foreman

Compliance Summary:QtrQtr: NESE Sec: 16 Twp: 5S Range: 95W**Inspector Comment:**

8 conductors with cellars, rat, and mouse holes

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	
287173	WELL	XX	11/21/2013	LO	045-12923	LONG RIDGE 09C I16 595	<input checked="" type="checkbox"/>
287174	WELL	XX	11/21/2013	LO	045-12922	LONG RIDGE 08A I16 595	<input checked="" type="checkbox"/>
287175	WELL	XX	11/21/2013	LO	045-12921	LONG RIDGE 09A I16 595	<input checked="" type="checkbox"/>
287176	WELL	XX	11/21/2013	LO	045-12920	LONG RIDGE 16D I16 595	<input checked="" type="checkbox"/>
287177	WELL	XX	11/21/2013	LO	045-12919	LONG RIDGE 08B I16 595	<input checked="" type="checkbox"/>
287178	WELL	XX	11/21/2013	LO	045-12918	LONG RIDGE 09B I16 595	<input checked="" type="checkbox"/>
287179	WELL	XX	11/21/2013	LO	045-12917	LONG RIDGE 08C I16 595	<input checked="" type="checkbox"/>
287180	WELL	XX	11/21/2013	LO	045-12916	LONG RIDGE 09D I16 595	<input checked="" type="checkbox"/>

Equipment:Location Inventory

Special Purpose Pits: _____	Drilling Pits: _____	Wells: <u>8</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>2</u>
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
BATTERY	Satisfactory			

Emergency Contact Number: (S/U/V) 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
WELLHEAD	Satisfactory	8 conductors		

Venting:		
Yes/No	Comment	

Flaring:				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date

Predrill

Location ID: 335834

Site Preparation:

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

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

Form 2A COAs:

Group	User	Comment	Date
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.	10/21/2010
OGLA	kubeczkod	The access road will be constructed as to not allow any sediment to migrate from the access road to nearby surface water or any drainages leading to surface water.	10/21/2010
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.	10/21/2010

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.	10/21/2010
OGLA	kubeczkod	The location is in an area of high run off/run-on potential; therefore the pad shall be constructed to prevent any stormwater run-on and /or stormwater runoff.	10/21/2010
OGLA	kubeczkod	Any pit constructed to hold fluids (reserve pit, production pit; except for flare pit) must be lined.	10/21/2010
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.	10/21/2010
OGLA	kubeczkod	The nearby hillside must be monitored for any day-lighting of drilling fluids throughout the drilling of the surface casing interval.	10/21/2010

Comment: Conductors, cellars and rat and mouse holes set with surface gorund grading and fencing

CA:

Date:

Wildlife BMPs:

BMP Type	Comment
Drilling/Completion Operations	<p>The following list of Best Managenment 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 I16 595 well Pad.</p> <p>A total of 8 wells will be directionally drilled from the I16 well pad. 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 I16 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 statues, 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. The reserve/completion pit will be fenced/flagged and/or netted to prevent entry of wildlife (including birds) and livestock.</p> <p>Bear proof dumpsters/trash cans will be used on the location for solid/food waste disposal. 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: No drilling occuring

CA:

Date:

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:**Facility**

Facility ID: 287173	Type: WELL	API Number: 045-12923	Status: XX	Insp. Status: ND
Facility ID: 287174	Type: WELL	API Number: 045-12922	Status: XX	Insp. Status: ND
Facility ID: 287175	Type: WELL	API Number: 045-12921	Status: XX	Insp. Status: ND
Facility ID: 287176	Type: WELL	API Number: 045-12920	Status: XX	Insp. Status: ND
Facility ID: 287177	Type: WELL	API Number: 045-12919	Status: XX	Insp. Status: ND
Facility ID: 287178	Type: WELL	API Number: 045-12918	Status: XX	Insp. Status: ND
Facility ID: 287179	Type: WELL	API Number: 045-12917	Status: XX	Insp. Status: ND
Facility ID: 287180	Type: WELL	API Number: 045-12916	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? _____ 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 _____

Inspector Name: LONGWORTH, MIKE

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
Seeding	Pass	Retention Ponds	Pass			
Compaction	Pass	Culverts	Pass			
Berms	Pass	Compaction	Pass			
Ditches	Pass	Ditches	Pass			
Gravel	Pass	Gravel	Pass			

S/U/V: Satisfactory _____

Corrective Date: _____

Comment: _____

CA: _____