Inspector Name: LONGWORTH, MIKE

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

FIELD INSPECTION FORM

DE	ET	OE	ES

Inspection Date: 08/20/2014

Document Number: 674700219

Overall Inspection: Satisfactory

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	335838	335838	LONGWORTH, MIKE	☐	

Operator Information:

OGCC Operator Number: 10091 Name of Operator: BERRY PETROLEUM COMPANY LLC

Address: 1999 BROADWAY STE 3700

City: DENVER State: CO Zip: 80202

Contact Information:

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

Compliance Summary:

QtrQtr: SWSE Sec: 16 Twp: 5S Range: 95W

Inspector Comment:

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	
287707	WELL	XX	11/25/2013	LO	045-13015	LONG RIDGE 15D O16 595	X
287708	WELL	XX	11/25/2013	LO	045-13014	LONG RIDGE 16B O16 595	X
287709	WELL	XX	11/25/2013	LO	045-13013	LONG RIDGE 16A O16 595	X
287710	WELL	XX	11/25/2013	LO	045-13012	LONG RIDGE 15A O16 595	X
287711	WELL	XX	11/25/2013	LO	045-13011	LONG RIDGE 16C O16 595	X
287712	WELL	XX	11/25/2013	LO	045-13010	LONG RIDGE 14A O16 595	X
287713	WELL	XX	11/25/2013	LO	045-13009	LONG RIDGE 02A O16 595	X
287714	WELL	XX	11/25/2013	LO	045-13008	LONG RIDGE 15C O16 595	X

Equipment: Location Inventory

Special Purpose Pits:		Drilling Pits:		Wells:	8	Production Pits:	
Condensate Tanks:	5	Water Tanks:	1	Separators:	1	Electric Motors:	
Gas or Diesel Mortors:		Cavity Pumps:		LACT Unit:		Pump Jacks:	
Electric Generators:		Gas Pipeline:	1	Oil Pipeline:		Water Pipeline:	1
Gas Compressors:		VOC Combustor:		Oil Tanks:		Dehydrator Units:	2
Multi-Well Pits:		Pigging Station:		Flare:		Fuel Tanks:	

Location

Inspector Name: LONGWORTH, MIKE

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

☐ Multilple Spills and Releases?

Fencing/:				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
WELLHEAD	Satisfactory	Conductors		

Venting:	
Yes/No	Comment

Flaring:				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date

Predrill

Location ID: 335838

Site Preparation:

Lease Road Adeq.: Pads: Soil Stockpile:

Corrective Action: Date: CDP Num.:

Form 2A COAs:

Group	User	Comment	Date
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	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 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	Any pit constructed to hold fluids (reserve pit, production pit; except for flare pit) must be lined.	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	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 ¾ 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 nearby hillside must be monitored for any day-lighting of drilling fluids throughout the drilling of the surface casing interval.	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

Comment: 8 capped conductors set with fence around them

CA: **Date:**

Wildlife BMPs:

BMP Type	Comment
Drilling/Completion Operations	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 O16 595 well Pad. A total of 8 wells will be directionally drilled from the N15 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. The O16 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. 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. 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. 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. Bear proof dumpsters/trash cans will be used on the location for solid/food waste disposal. Noxious weeds will be controlled. 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. Production tanks shall be placed on a non-permeable liner and surrounded by a metal containment wall at least 3 feet in height.

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:	287707	Type:	WELL	API Number:	045-13015	Status:	XX	Insp. Status:	ND
Facility ID:	287708	Type:	WELL	API Number:	045-13014	Status:	XX	Insp. Status:	ND
Facility ID:	287709	Type:	WELL	API Number:	045-13013	Status:	XX	Insp. Status:	ND
Facility ID:	287710	Type:	WELL	API Number:	045-13012	Status:	XX	Insp. Status:	ND
Facility ID:	287711	Type:	WELL	API Number:	045-13011	Status:	XX	Insp. Status:	ND
Facility ID:	287712	Type:	WELL	API Number:	045-13010	Status:	XX	Insp. Status:	ND
Facility ID:	287713	Type:	WELL	API Number:	045-13009	Status:	XX	Insp. Status:	ND
Facility ID:	287714	Type:	WELL	API Number:	045-13008	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:

Inspector Name: LONGWORTH, MIKE

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 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
Berms	Pass					
Check Dams	Pass					
Seeding	Pass					
Gravel	Pass					
Compaction	Pass					

S/U/V: Satisfactory Corrective Date: _____

Comment:

CA: