

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
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Inspection Date: 08/20/2014

Document Number: 674700215

Overall Inspection: Satisfactory

FIELD INSPECTION FORM

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection <input type="checkbox"/>	2A Doc Num: _____
	<u>335865</u>	<u>335865</u>	<u>LONGWORTH, MIKE</u>		

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

Compliance Summary:

QtrQtr: SWSW Sec: 15 Twp: 5S Range: 95W

Inspector Comment:

one open cellar and conductor

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	X
287961	WELL	PR	02/13/2012	GW	045-13095	long ridge 13A M15 595	X
287962	WELL	PR	02/13/2012	GW	045-13094	LONG RIDGE 08D M15 595	X
287963	WELL	XX	11/15/2013	LO	045-13093	LONG RIDGE 05B M15 595	X
287964	WELL	XX	11/18/2013	LO	045-13092	LONG RIDGE 12D M15 595	X
287965	WELL	XX	11/18/2013	LO	045-13091	LONG RIDGE 12A M15 595	X
287966	WELL	XX	11/18/2013	LO	045-13090	LONG RIDGE 12C M15 595	X
287967	WELL	PR	01/13/2011	GW	045-13089	LONG RIDGE 04A M15 595	X
420216	WELL	XX	11/18/2013	LO	045-20106	LONG RIDGE 12B M15 595	X
420231	WELL	XX	11/18/2013	LO	045-20110	LONG RIDGE 05C M15 595	X

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

Signs/Marker:				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
TANK LABELS/PLACARDS	Satisfactory			
WELLHEAD	Satisfactory			
BATTERY	Satisfactory			
CONTAINERS	Satisfactory			

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

Comment: _____

Corrective Action: _____

Spills:				
Type	Area	Volume	Corrective action	CA Date
	Tank	<= 5 bbls	Clean up spill in tank berm	08/25/2014

Multiple Spills and Releases?

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

Equipment:					
Type	#	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
Plunger Lift	4	Satisfactory			
Ancillary equipment	1	Satisfactory	Chemical container		
Horizontal Heated Separator	4	Satisfactory			
Bird Protectors	2	Satisfactory			

Facilities: New Tank Tank ID: _____

Contents	#	Capacity	Type	SE GPS
METHANOL	1	<50 BBLS	PLASTIC AST	,

S/U/V: Satisfactory Comment: _____

Corrective Action: _____ Corrective Date: _____

Paint

Condition: _____

Other (Content) _____

Other (Capacity) _____

Other (Type) _____

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Other	Adequate	Walls Sufficient	Base Sufficient	Adequate

Corrective Action: _____ Corrective Date: _____

Comment: Plastic

Facilities:		<input type="checkbox"/> New Tank	Tank ID: _____	
Contents	#	Capacity	Type	SE GPS
CONDENSATE	1	100 BBLS	STEEL AST	39.609470,-108.047740
S/U/V:	Satisfactory	Comment:		
Corrective Action:				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			
Flaring:				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date

Predrill

Location ID: 335865

Site Preparation:

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

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

Form 2A COAs:

Group	User	Comment	Date
Environmental	lujanc	Before backfilling the pit, statistically representative DISCRETE samples of walls/bottom of the pit will be collected and sampled for TPH and PAHs. Representative discrete confirmation samples will be collected from the landfarmed soil for TPH, PAHs and SAR, pH, Arsenic. Arsenic background samples from nearby native soil (upgradient and cross-gradient of the pad) will be collected to compare arsenic background concentrations with impacted soil arsenic concentrations. A form 04, Notice of Completion will be submitted when pit and landfarmed material are in compliance with Table 910-1 and arsenic concentrations are below or at the max background concentration + 10%.	10/02/2013
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	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
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	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	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

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 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.</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: No drilling operation occurring

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 ID: 287960 Type: WELL API Number: 045-13096 Status: PR Insp. Status: PR

Producing Well

Comment: Producing well

Facility ID: 287961 Type: WELL API Number: 045-13095 Status: PR Insp. Status: PR

Producing Well

Comment: Producing well

Facility ID: 287962 Type: WELL API Number: 045-13094 Status: PR Insp. Status: PR

Producing Well

Comment: Producing well

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

Producing Well

Comment: Producing well

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:

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

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 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 _____

Inspector Name: LONGWORTH, MIKE

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	Culverts	Pass			
Ditches	Pass	Ditches	Pass			
Gravel	Pass	Gravel	Pass			
		Retention Ponds	Pass			
Berms	Pass	Check Dams	Pass	MHSP	Pass	
Compaction	Pass	Compaction	Pass	VT	Pass	

S/U/V: Satisfactory Corrective Date: _____

Comment: _____

CA: _____

COGCC Comments

Comment	User	Date
Land farming northside of location.	longworm	08/20/2014

Attached Documents

You can go to COGCC Images (<https://cogcc.state.co.us/weblink/>) and search by document number:

Document Num	Description	URL
674700216	Spill in tank berm	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3414760