

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



Inspection Date:
07/07/2016
Document Number:
680100962
Overall Inspection:
SATISFACTORY

FIELD INSPECTION FORM

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

Operator Information:

OGCC Operator Number:	<u>10516</u>
Name of Operator:	<u>LINN OPERATING INC</u>
Address:	<u>600 TRAVIS STREET #5100</u>
City:	<u>HOUSTON TX</u> Zip: <u>77002</u>

- THIS IS A FOLLOW UP INSPECTION
- FOLLOW UP INSPECTION REQUIRED
- NO FOLLOW UP INSPECTION REQUIRED
- INSPECTOR REQUESTS FORM 42 WHEN CORRECTIVE ACTIONS ARE COMPLETED

Contact Information:

Contact Name	Phone	Email	Comment
		dsjohnson@linnenergy.com	
		thogelin@linnenergy.com	
		bburns@linnenergy.com	
		MFoster@linnenergy.com	

Compliance Summary:

QtrQtr:	<u>SWSW</u>	Sec:	<u>15</u>	Twp:	<u>5S</u>	Range:	<u>95W</u>
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Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Action Required	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
06/20/2016	674702842			SATISFACTORY			No
06/20/2016	674702839			SATISFACTORY			No
09/25/2015	674701874			SATISFACTORY			No
08/20/2014	674700215			SATISFACTORY			No

Inspector Comment:

This is an Interim Reclamation and Stormwater focused Inspection. Any Corrective Actions from previous Inspections that have not been addressed are still applicable. This Location has Four PR & Six XX Wells (permits expired 12/29/2015);with one Conductor set. There is a Land Application site on North end of Location.

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
287960	WELL	PR	06/27/2013	GW	045-13096	LONG RIDGE 01B M15 595	RI <input checked="" type="checkbox"/>
287961	WELL	PR	02/13/2012	GW	045-13095	long ridge 13A M15 595	RI <input checked="" type="checkbox"/>
287962	WELL	PR	02/13/2012	GW	045-13094	LONG RIDGE 08D M15 595	RI <input checked="" type="checkbox"/>
287963	WELL	XX	11/15/2013	LO	045-13093	LONG RIDGE 05B M15 595	RI <input checked="" type="checkbox"/>
287964	WELL	XX	11/18/2013	LO	045-13092	LONG RIDGE 12D M15 595	RI <input checked="" type="checkbox"/>
287965	WELL	XX	11/18/2013	LO	045-13091	LONG RIDGE 12A M15 595	RI <input checked="" type="checkbox"/>

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287966	WELL	XX	11/18/2013	LO	045-13090	LONG RIDGE 12C M15 595	RI	<input checked="" type="checkbox"/>
287967	WELL	PR	01/13/2011	GW	045-13089	LONG RIDGE 04A M15 595	RI	<input checked="" type="checkbox"/>
420216	WELL	XX	11/18/2013	LO	045-20106	LONG RIDGE 12B M15 595	RI	<input checked="" type="checkbox"/>
420231	WELL	XX	11/18/2013	LO	045-20110	LONG RIDGE 05C M15 595	RI	<input checked="" type="checkbox"/>
443343	LAND APPLICATIO N SITE	AC	09/25/2015		-	Long Ridge M15 595	RI	<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

Lease Road:

Type	Satisfactory/Action Required	comment	Corrective Action	Date

Signs/Marker:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

Emergency Contact Number (S/AR): _____

Corrective Date: _____

Comment: _____

Corrective Action: _____

Good Housekeeping:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

Spills:

Type	Area	Volume	Corrective action	CA Date

Multiple Spills and Releases?

Fencing/:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

Equipment:

Type:	#	Satisfactory/Action Required:	
Comment			

Corrective Action	Date:
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Venting:	
Yes/No	
Comment	

Flaring:			
Type		Satisfactory/Action Required	
Comment:			
Corrective Action:		Correct Action Date:	

Predrill

Location ID: 335865

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

S/AR: _____

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

Form 2A COAs:

Group	User	Comment	Date
OGLA	kubeczko	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	kubeczko	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	kubeczko	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	kubeczko	Any pit constructed to hold fluids (reserve pit, production pit; except for flare pit) must be lined.	09/29/2010
OGLA	kubeczko	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	kubeczko	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

S/AR: _____ **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>

S/AR: _____ **Comment:** _____

CA: _____ **Date:** _____

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: <u>287960</u>	Type: <u>WELL</u>	API Number: <u>045-13096</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>287961</u>	Type: <u>WELL</u>	API Number: <u>045-13095</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>287962</u>	Type: <u>WELL</u>	API Number: <u>045-13094</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>287963</u>	Type: <u>WELL</u>	API Number: <u>045-13093</u>	Status: <u>XX</u>	Insp. Status: <u>RI</u>
Facility ID: <u>287964</u>	Type: <u>WELL</u>	API Number: <u>045-13092</u>	Status: <u>XX</u>	Insp. Status: <u>RI</u>
Facility ID: <u>287965</u>	Type: <u>WELL</u>	API Number: <u>045-13091</u>	Status: <u>XX</u>	Insp. Status: <u>RI</u>
Facility ID: <u>287966</u>	Type: <u>WELL</u>	API Number: <u>045-13090</u>	Status: <u>XX</u>	Insp. Status: <u>RI</u>
Facility ID: <u>287967</u>	Type: <u>WELL</u>	API Number: <u>045-13089</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>420216</u>	Type: <u>WELL</u>	API Number: <u>045-20106</u>	Status: <u>XX</u>	Insp. Status: <u>RI</u>
Facility ID: <u>420231</u>	Type: <u>WELL</u>	API Number: <u>045-20110</u>	Status: <u>XX</u>	Insp. Status: <u>RI</u>
Facility ID: <u>443343</u>	Type: <u>LAND</u>	API Number: <u>-</u>	Status: <u>AC</u>	Insp. Status: <u>RI</u>

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. Waste and Debris removed? Pass

CM _____

CA _____ CA Date _____

Unused or unneeded equipment onsite? Pass

CM _____

CA _____ CA Date _____

Pit, cellars, rat holes and other bores closed? _____

CM Conductor Set in Cellar on Location

CA _____ CA Date _____

Guy line anchors marked? _____

CM _____

CA _____ CA Date _____

1003b. Area no longer in use? Pass 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: _____

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

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

RESTORATION AND REVEGETATION

Cropland

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

Non-Cropland

Top soil replaced _____ Recontoured Pass 80% Revegetation Pass

1003 f. Weeds Noxious weeds? P

Comment: _____

Overall Interim Reclamation In Process

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 _____

Inspector Name: Colby, Lou

Compaction alleviation _____ Dust and erosion control _____
Non cropland: Revegetated 80% _____ Cropland: perennial forage _____
Weeds present _____ Subsidence _____
Comment: _____
Corrective Action: _____ Date _____
Overall Final Reclamation _____ Well Release on Active Location Multi-Well Location

Storm Water:

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
Sediment Traps	Pass					
Berms	Pass					
Seeding	Pass					
Ditches	Pass					

S/A/V: SATISFACTOR Corrective Date: _____
Y
Comment: Location is Stable and has no Soil migration Concerns.
CA: _____

Pits: NO SURFACE INDICATION OF PIT

COGCC Comments		
Comment	User	Date
Further Review is being conducted on XX Wells with Expired Permits, Conductors Set, AL Status; results of review will be addressed in following Inspections.	colbyl	07/16/2016

Attached Documents

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

Document Num	Description	URL
680100962	INSPECTION APPROVED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3905570
680100966	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3905567