

**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:

06/20/2016

Document Number:

674702844

Overall Inspection:

SATISFACTORY

FIELD INSPECTION FORM

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	335834	335834	LONGWORTH, MIKE	<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</u> State: <u>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
White, Brent		bwhite@linnenergy.com	Production Foreman
Foster, Michael	281-840-4375	MFoster@linnenergy.com	Regulatory Compliance Specialist II
Burns, Bryan		bburns@linnenergy.com	
Johnson, Derek	970-285-2200	dsjohnson@linnenergy.com	
Freeman, Sarah		sarah.freeman@state.co.us	

Compliance Summary:

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

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Action Required	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
09/25/2015	674701875			SATISFACTORY			No
08/20/2014	674700217			SATISFACTORY			No

Inspector Comment:

8 open conductors, ratholes, and cellars on location. Drilling permits expired 12/29/15

Related Facilities:

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

287180	WELL	XX	11/21/2013	LO	045-12916	LONG RIDGE 09D I16 595	ND	<input checked="" type="checkbox"/>
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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/Action Required	comment	Corrective Action	Date

Signs/Marker:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
DRILLING/RECOMP	SATISFACTORY			

Emergency Contact Number (S/AR): SATISFACTORY

Corrective Date: _____

Comment: 970-285-2200

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
OTHER	SATISFACTORY	<u>Fence around open conductors.</u>		

Equipment:

Type:	#	Satisfactory/Action Required:	
Comment			
Corrective Action		Date:	

Venting:

Yes/No	<u>NO</u>
Comment	

Flaring:

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

Predrill

Location ID: 335834
 Lease Road Adeq.: _____ Pads: _____ Soil Stockpile: _____
 S/AR: _____
 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	Any pit constructed to hold fluids (reserve pit, production pit; except for flare pit) must be lined.	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	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
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

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 I16 595 well Pad. 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 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. 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>

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: 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. Waste and Debris removed? _____
 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 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 _____ 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
Berms	Pass					

Inspector Name: LONGWORTH, MIKE

Compaction	Pass				
Gravel	Pass				
Seeding	Pass				

S/A/V: SATISFACTOR Corrective Date: _____
Y _____

Comment: _____

CA: _____

Pits: NO SURFACE INDICATION OF PIT

Attached Documents

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

Document Num	Description	URL
674702844	INSPECTION APPROVED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3883289
674702845	Location sign	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3883280
674702846	Conductors, cellars, and ratholes	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3883281