

**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:

08/18/2016

Document Number:

674703053

Overall Inspection:

SATISFACTORY**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	415531	415531	LONGWORTH, MIKE	<input type="checkbox"/>	

**Operator Information:**OGCC Operator Number: 10516Name of Operator: LINN OPERATING INCAddress: 600 TRAVIS STREET #5100City: HOUSTON State: TX Zip: 77002

- ☐ 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
Johnson, Derek	970-285-2200	dsjohnson@linnenergy.com	
Foster, Michael	281-840-4375	MFoster@linnenergy.com	Regulatory Compliance Specialist II
White, Brent		bwhite@linnenergy.com	Production Foreman
Burns, Bryan		bburns@linnenergy.com	

**Compliance Summary:**QtrQtr: NESE Sec: 2 Twp: 6S Range: 97W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Action Required	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
02/25/2016	674702424			SATISFACTORY			No
09/12/2013	663902176			ACTION REQUIRED	Fail		No

**Inspector Comment:****Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
415500	WELL	PR	07/05/2010	GW	045-19069	LATHAM 2-14D	PR	<input checked="" type="checkbox"/>
415510	WELL	XX	09/05/2014	LO	045-19073	LATHAM 2-8D	ND	<input type="checkbox"/>
415516	WELL	XX	09/05/2014	LO	045-19075	LATHAM 2-12D	ND	<input type="checkbox"/>
415527	WELL	XX	09/05/2014	LO	045-19081	LATHAM 2-7D	ND	<input type="checkbox"/>
415546	WELL	XX	09/05/2014	LO	045-19090	LATHAM 2-16D	ND	<input type="checkbox"/>
415549	WELL	XX	09/05/2014	LO	045-19091	LATHAM 2-13D	ND	<input type="checkbox"/>
415566	WELL	XX	09/05/2014	LO	045-19097	LATHAM 2-15D	ND	<input type="checkbox"/>
415580	WELL	XX	09/05/2014	LO	045-19103	LATHAM 2-6D	ND	<input type="checkbox"/>

415581	WELL	PR	07/05/2010	GW	045-19104	LATHAM 2-17D	PR	<input checked="" type="checkbox"/>
423846	PIT	AC	07/28/2011		-	LATHAM I-02	AC	<input checked="" type="checkbox"/>

**Equipment:**Location Inventory

Special Purpose Pits: _____	Drilling Pits: <u>1</u>	Wells: <u>9</u>	Production Pits: <u>1</u>
Condensate Tanks: _____	Water Tanks: <u>1</u>	Separators: <u>3</u>	Electric Motors: <u>3</u>
Gas or Diesel Motors: <u>6</u>	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: _____
Electric Generators: <u>3</u>	Gas Pipeline: <u>1</u>	Oil Pipeline: _____	Water Pipeline: <u>1</u>
Gas Compressors: _____	VOC Combustor: _____	Oil Tanks: <u>1</u>	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: _____	Flare: _____	Fuel Tanks: <u>1</u>

**Location****Signs/Marker:**

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
WELLHEAD	SATISFACTORY			
BATTERY	SATISFACTORY			
TANK LABELS/PLACARDS	SATISFACTORY			
CONTAINERS	SATISFACTORY			

Emergency Contact Number (S/AR): SATISFACTORY

Corrective Date: \_\_\_\_\_

Comment: 970-285-2200

Corrective Action: \_\_\_\_\_

**Spills:**

Type	Area	Volume	Corrective action	CA Date
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☐ Multiple Spills and Releases?**Fencing:**

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
WELLHEAD	SATISFACTORY			

**Equipment:**

Type: Plunger Lift	# 2	Satisfactory/Action Required: SATISFACTORY
Comment		
Corrective Action	Date: _____	
Type: Horizontal Heated Separator	# 2	Satisfactory/Action Required: SATISFACTORY
Comment		
Corrective Action	Date: _____	
Type: Ancillary equipment	# 1	Satisfactory/Action Required: SATISFACTORY
Comment	Chemical container at wells	
Corrective Action	Date: _____	
Type: Bird Protectors	# 6	Satisfactory/Action Required: SATISFACTORY

Inspector Name: LONGWORTH, MIKE

Comment	
Corrective Action	Date:

**Tanks and Berms:** ☐ New Tank Tank ID: \_\_\_\_\_

Contents	#	Capacity	Type	SE GPS
CONDENSATE	1	100 BBLS	STEEL AST	,

S/AR	SATISFACTORY	Comment:	
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Corrective Action:		Corrective Date:	
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Paint

Condition	Adequate
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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	
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Comment	
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**Tanks and Berms:** ☐ New Tank Tank ID: \_\_\_\_\_

Contents	#	Capacity	Type	SE GPS
CONDENSATE	4	300 BBLS	HEATED STEEL AST	,

S/AR	SATISFACTORY	Comment:	
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Corrective Action:		Corrective Date:	
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Paint

Condition	Adequate
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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	
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Comment	
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**Venting:**

Yes/No	NO
Comment	

**Flaring:**

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

**Predrill**

Location ID: 415531

Lease Road Adeq.: \_\_\_\_\_

Pads: \_\_\_\_\_

Soil Stockpile: \_\_\_\_\_

**S/AR:** \_\_\_\_\_

Corrective Action: \_\_\_\_\_

Date: \_\_\_\_\_

CDP Num.: \_\_\_\_\_

**Form 2A COAs:**

Group	User	Comment	Date
Agency	kubeczkod	Operator will reclaim sage grouse habitat with native shrubs, grasses, and forbs using and approved CP-4D seed mix. It is expected that this seed mix will also benefit the local elk population.	01/29/2010
Agency	kubeczkod	The access road will be gated and manned with a security guard at the bottom of the Garden Gulch Access Road. The proposed well pad access road is closed to the public.	01/29/2010
Agency	kubeczkod	The Operator will design wastewater pits to minimize retention of stagnant water. While water that could support mosquito breeding is present, the pit will be treated with mosquito killing bacteria (bti).	01/29/2010
Agency	kubeczkod	Operator will set and post speed limits below 20 mph and caution signs on the access road, where permitted by the surface owner.	01/29/2010
Agency	kubeczkod	The Operator will avoid revegetation with aggressive non-native grasses not conducive to sage grouse habitat reclamation.	01/29/2010
Agency	kubeczkod	Operator will use a wildlife appropriate fence comparable to the Montana Fish, Wildlife, and Parks Guide, that will feature an 8' tall mesh fence flush with ground level and netting to prevent entry of all wildlife species.	01/29/2010
Agency	kubeczkod	The Operator will use early and effective reclamation techniques, including an aggressive interim reclamation program, to return habitat to use by greater sage grouse as quickly as possible.	01/29/2010
Agency	kubeczkod	Operator will close and immediately reclaim all roads that are redundant, not used regularly, or have been abandoned to the maximum extent possible to minimize disturbance and habitat fragmentation, if approved by the surface owner.	01/29/2010
Agency	kubeczkod	Operator will mow or brush hog vegetation, leaving root structure intact, instead of scraping the surface if allowed by the surface owner, within gathering lines.	01/29/2010

**S/AR:** \_\_\_\_\_ **Comment:** \_\_\_\_\_**CA:** \_\_\_\_\_**Date:** \_\_\_\_\_**Wildlife BMPs:**

BMP Type	Comment
Drilling/Completion Operations	Cuttings Management: During drilling, LINN will keep the drill cuttings segregated on the well pad. Cuttings will not be in contact with fill material or topsoil on location. After drilling and completion operations have been completed, soil amendments such as phosphorus and nitrogen will be utilized to expedite the amendment process (if necessary). On pads where a drilling pit is present, cuttings will be used in the backfilling of those pits. On pads where no drilling pit is present due to closed-loop drilling, amended cuttings that meet the Table 910-1 levels are spread on location with topsoil and seeded as part of reclamation activities.

**S/AR:** \_\_\_\_\_ **Comment:** \_\_\_\_\_**CA:** \_\_\_\_\_**Date:** \_\_\_\_\_**Comment:** \_\_\_\_\_**Staking:****On Site Inspection (305):****Surface Owner Contact Information:**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Cell Phone: \_\_\_\_\_

Inspector Name: LONGWORTH, MIKE

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: 415500 Type: WELL API Number: 045-19069 Status: PR Insp. Status: PR

**Producing Well**

Comment: Producing well

Facility ID: 415581 Type: WELL API Number: 045-19104 Status: PR Insp. Status: PR

**Producing Well**

Comment: Producing well

Facility ID: 423846 Type: PIT API Number: - Status: AC Insp. Status: AC

**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:**

Inspector Name: LONGWORTH, MIKE

Date Interim Reclamation Started: \_\_\_\_\_ Date Interim Reclamation Completed: \_\_\_\_\_

Land Use: RANGELAND

Comment: Land farming on location. 1 conductor with cellar and rathole set between PR wells

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 Pit liner has been removed for pit closure.

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 \_\_\_\_\_

Inspector Name: LONGWORTH, MIKE

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					
		Culverts	Pass			
		Compaction	Pass			
Gravel	Pass					
				Material Handling And Spill Prevention	Pass	
		Gravel	Pass			
		Ditches	Pass			
Compaction	Pass					

S/A/V: SATISFACTORY Corrective Date: \_\_\_\_\_

Comment: \_\_\_\_\_

CA: \_\_\_\_\_

**Pits:** ☐ NO SURFACE INDICATION OF PIT

Pit Type: \_\_\_\_\_ Lined: NO Pit ID: 423846 Lat: 39.549990 Long: -108.182600

**Lining:**

Liner Type: \_\_\_\_\_ Liner Condition: \_\_\_\_\_

Comment: Liner has been removed

**Fencing:**

Fencing Type: \_\_\_\_\_ Fencing Condition: \_\_\_\_\_

Comment: \_\_\_\_\_

**Netting:**

Netting Type: \_\_\_\_\_ Netting Condition: \_\_\_\_\_

Comment: \_\_\_\_\_

Anchor Trench Present: \_\_\_\_\_ Oil Accumulation: NO 2+ feet Freeboard: \_\_\_\_\_

Pit (S/A/V): SATISFACTORY Comment: \_\_\_\_\_

Corrective Action: \_\_\_\_\_ Date: \_\_\_\_\_

**Attached Documents**

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

Document Num	Description	URL
674703053	INSPECTION APPROVED	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3933660">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3933660</a>