

**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:  
04/23/2014

Document Number:  
671000032

Overall Inspection:

**VIOLATION**

**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	<u>335616</u>	<u>335616</u>	<u>LUJAN, CARLOS</u>	<input type="checkbox"/>	

**Operator Information:**

OGCC Operator Number:	<u>10091</u>
Name of Operator:	<u>BERRY PETROLEUM COMPANY LLC</u>
Address:	<u>1999 BROADWAY STE 3700</u>
City:	<u>DENVER</u> State: <u>CO</u> Zip: <u>80202</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
Johnson, Derek		DSjohnson@Linnenergy.com	District Production Superintendent
LONGWORTH, MIKE		Mike.Longworth@state.co.us	Inspector
Burns, Bryan		BBurns@Linnenergy.com	HES
Fischer, Alex		Alex.Fischer@state.co.us	Supervisor Western Region
Lujan, Carlos		Carlos.Lujan@state.co.us	EPS Northwest Region
Spencer, Stan		Stan.Spencer@state.co.us	EPS Northwest Region

**Compliance Summary:**

QtrQtr:	<u>NWSE</u>	Sec:	<u>13</u>	Twp:	<u>6S</u>	Range:	<u>97W</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)
04/01/2014	663902910			SATISFACTOR Y			No
10/28/2013	663902322			SATISFACTOR Y	I		No
08/13/2013	663900691			SATISFACTOR Y	F		No

**Inspector Comment:**

There are several issues on this pad related to the pit closure, landfarming, interim reclamation, large stockpiles, and trash/littering that need to be clarified and corrected. Linn Energy must submit the following information by May 31, 2014: 1) A chronology of all activities related to pit closure, reclamation, landfarming, and stockpiling. 2) A copy of the Form 27 submitted to close the pit (not found in the database). If a Form 27 was not submitted, explain why. 3) A copy of the confirmation sample analytical results from the bottom of the pit. If a landfarm operation was conducted: 4) Provide a copy of the manifest(s) if material was sent to a landfill. 5) A description of the landfarm operation (if conducted) and lab results from treated material. 6) Explain the origin of the stockpiled material (two large stockpiles), and specify what are the plans for that material. STOCKPILED MATERIAL (approx. 15 feet high) is a large overburden on the 30 feet fill portion of the pad. Berms are deficient. No drainage to control stormwater. Large pieces of liner are mixed with the soil. Risks are: Stability of the fill section of the pad, erosion, soil and water impact, trash. NOTE: The pad is located in the Roan Rim Area, subject to COGCC specific policies (Notice to Operators drilling within 3/4 mile of the Rim of the Roan Plateau).

**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
275991	WELL	PA	05/09/2011	GW	045-10414	CHEVRON 33B-13	PA
286649	WELL	PR	11/09/2009	GW	045-12719	CHEVRON 13-13D	PR

286650	WELL	PR	06/14/2008	GW	045-12718	CHEVRON 13-14D	PR	
286651	WELL	PR	01/12/2010	GW	045-12717	CHEVRON 13-16D	PR	
293707	WELL	PR	06/03/2008	GW	045-15112	CHEVRON 33B-13R	PR	
293716	WELL	PR	05/03/2008	GW	045-15113	CHEVRON 275-13	PR	
293717	WELL	PR	10/15/2009	GW	045-15114	CHEVRON 13-8D	PR	
293718	WELL	PR	06/21/2008	GW	045-15115	CHEVRON 13-7D	PR	
414674	PIT	AC	12/08/2009		-	J-13	AC	

**Equipment:** Location Inventory

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

**Location**

Emergency Contact Number (S/A/V): \_\_\_\_\_ Corrective Date: \_\_\_\_\_

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

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

**Good Housekeeping:**

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
TRASH	<b>VIOLATION</b>	Pieces of liner are littering the reclaimed area (incorporated into the soil) and the vicinities of the pad down the side slopes (see attached photo report). Pad surface must be cleaned of sandblasting sand (see photos).	Linn Energy must collect trash and pieces of liner 1) around the pad (vegetated slopes) and 2) incorporated in reclaimed area.	05/31/2014

**Spills:**

Type	Area	Volume	Corrective action	CA Date
<input type="checkbox"/> Multiple Spills and Releases?				

**Venting:**

Yes/No	Comment

**Flaring:**

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

**Predrill**

Location ID: 335616

**Site Preparation:**

Lease Road Adeq.: \_\_\_\_\_ Pads: \_\_\_\_\_ Soil Stockpile: \_\_\_\_\_

**S/AV:** \_\_\_\_\_

Corrective Action: \_\_\_\_\_ Date: \_\_\_\_\_ CDP Num.: \_\_\_\_\_

**Form 2A COAs:**

**S/AV:** \_\_\_\_\_ **Comment:** \_\_\_\_\_

**CA:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Wildlife BMPs:**

**S/AV:** \_\_\_\_\_ **Comment:** \_\_\_\_\_

**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:

**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: \_\_\_\_\_

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: \_\_\_\_\_

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

S/A/V: \_\_\_\_\_

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

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

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

**Pits:**  NO SURFACE INDICATION OF PIT

Permit:	Facility ID	Permit Num	Expiration Date
	414674	1631359	
	414674	1631359	

**COGCC Comments**

Comment	User	Date
<p>A Form 04 was submitted (and subsequently approved) on Sept 2013 as a Notice of Intent to conduct a landfarming operation to treat material from the pit. According to the comments on the Sundry Notice, landfarming operation was expected to be completed by October 2014. At the time of this inspection (March 2014) there was no sign of pit and of landfarming. Instead there are two large stockpiles with pieces of liner mixed with the soil (see photos). The stockpiles are located on the edge of the pad, on the fill section (30 feet of fill at the edge of the pad). These stockpiles must be removed from there. Even if material is not impacted, it cannot be used for backfill or beneficial use because of the liner pieces mixed with the soil (unless Linn Energy finds the way to remove all the pieces of liner mixed with the soil).</p> <p>The pit has been backfilled and the terrain recontoured. A nice looking slope with a stormwater drainage protected with large rocks is part of the reclaimed area. The recontoured slope contains pieces of liner incorporated into the soil.</p> <p>This pad requires immediate action.</p>	lujanc	05/07/2014

**Attached Documents**

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

Document Num	Description	URL
671000032	INSPECTION APPROVED	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3338241">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3338241</a>

671000033	Photo Report _ Chevron 13-16D pad	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3338240">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3338240</a>
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