

FORM INSP Rev X/15	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: <u>05/02/2017</u> Submitted Date: <u>07/10/2017</u> Document Number: <u>689100006</u>
FIELD INSPECTION FORM			

Loc ID 335616 Inspector Name: LUJAN, CARLOS On-Site Inspection 2A Doc Num: _____

Status Summary:

THIS IS A FOLLOW UP INSPECTION
 FOLLOW UP INSPECTION REQUIRED
 NO FOLLOW UP INSPECTION REQUIRED

Findings:

6 Number of Comments
 0 Number of Corrective Actions
 Corrective Action Response Requested

Operator Information:

OGCC Operator Number: 10516
 Name of Operator: LINN OPERATING LLC
 Address: 600 TRAVIS STREET #1400
 City: HOUSTON State: TX Zip: 77002

Contact Information:

Contact Name	Phone	Email	Comment
Hogelin, Tom		tgh@bry.com	Construction Foreman
Johnson, Derek		dsj@bry.com	Production Superintendent
Spencer, Stan		stan.spencer@state.co.us	EPS, NW Region
Lujan, Carlos		carlos.lujan@state.co.us	EPS, NW Region
Fischer, Alex		alex.fischer@state.co.us	Environmental Supervisor, NW

General Comment:

On May 2, 2017 COGCC Environmental Staff (Alex Fischer and Carlos Lujan) conducted an environmental field inspection of Berry Petroleum's (LINN) Land Treatment Facilities IDs: 443305, 449048, 443338, 443362, 445050, 443326, 448249, 449191, and 443325. Weather was overcast with light snow and temperature app 39s degree F. The following is a summary:

Land Treatment Facility ID: 443305, Chevron J 13 697 Benzo(a)pyrene

- Material was recently turned with tractor and plow tines.
- Material approximately 12-24 inches in depth.
- Storm water runoff is adequate.
- Storm water run on from upper portion of treatment area.
- Approximately 513 cubic yards (Berry/Linn estimate).

Land Treatment Facility ID: 449048, Berry I 11 697 Benzo(a)pyrene

- Material was currently being turned with tractor and plow tines.
- Material approximately 24 inches in depth.
- Storm water runoff is adequate.
- Storm water run on runs into a center pond.
- Liner pieces present.
- Approximately 9,136 cubic yards (Berry/Linn estimate).

Land Treatment Facility ID:443338, Chevron O 06 696 Benzo(a)pyrene

- Material was currently being spread out with excavator.
- Material approximately 24 inches in depth.
- Storm water runoff is adequate.
- Storm water run on in portion of treatment area.
- Approximately 5,261 cubic yards (Berry/Linn estimate).

Land Treatment Facility ID:443362, Chevron F 06 696 Benzo(a)pyrene

- Material was recently turned with tractor and plow tines.
- Material approximately 24 inches in depth.
- Storm water runoff is adequate.
- Storm water run on is adequate.
- Approximately 4,626 cubic yards (Berry/Linn estimate).

Land Treatment Facility ID:449050, Latham I 02 697 TPH and Benzo(a)pyrene

- Material was recently turned with tractor and plow tines.

- Material approximately 24 inches in depth.
- Storm water runoff is adequate.
- Storm water run on is adequate.
- Liner pieces off location.
- Pit Facility ID 423846 has been cleared for Table 910-1 and remains open
- An approximate 20' by 10' by 8 feet stockpile of topsoil exists.
- Approximately 3,648 cubic yards (Berry/Linn estimate).

Land Treatment Facility ID:443326, Berry F 01 697 Benzo(a)pyrene

- Material was recently turned with tractor and plow tines.
- Material approximately 24 inches in depth.
- Storm water runoff is adequate.
- Storm water run on is adequate.
- Liner pieces in treatment area.
- Approximately 4,720 cubic yards (Berry/Linn estimate).

Land Treatment Facility ID:448249, Latham 0 29 Benzo(a)pyrene

- Material was recently turned with tractor and plow tines.
- Material approximately 24 inches in depth.
- Storm water runoff is adequate.
- Storm water run on is adequate.
- Liner pieces in treatment area.
- Approximately 9,632 cubic yards (Berry/Linn estimate).
- Pit, CE&P Facility, and UIC well are SI.
- Gap/holes in net.
- No oil on fluid surface.

Land Treatment Facility ID:449191, Chevron I 31 TPH and Benzo(a)pyrene

- Material in spoil piles approximately 3 feet to 6 feet in depth.
- Storm water runoff is in-adequate.
- Storm water run on is adequate.
- Approximately 1,488 cubic yards (Berry/Linn estimate).

Land Treatment Facility ID:443325, Chevron O 36B 596 TPH

- Material in spoil piles approximately 8 feet to 10 feet in depth.
- Storm water runoff is adequate.
- Storm water run on in areas.
- Spoil piles were turned 3X this year beginning February 2017, according to Berry.
- Hydrocarbon odors were noted during site visit.
- Approximately 9,394 cubic yards (Berry/Linn estimate).

Attached Documents

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

Document Num	Description	URL
689100007	Roan Plateau 9 Sites Inspection	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4193380
689100008	Roan Plateau 9 Sites Photo Log	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4193382