

**FORM
INSP**Rev
X/20**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:

03/01/2021

Submitted Date:

03/03/2021

Document Number:

696202415

FIELD INSPECTION FORMLoc ID 335597 Inspector Name: Trujillo, Aaron On-Site Inspection ☐ 2A Doc Num: _____**Operator Information:**

OGCC Operator Number: 10091

Name of Operator: BERRY PETROLEUM COMPANY LLC

Address: 11117 RIVER RUN BLVD

City: BAKERSFIELD State: CA Zip: 93311

Status Summary:

- ☐ THIS IS A FOLLOW UP INSPECTION
- ☒ FOLLOW UP INSPECTION REQUIRED
- ☐ NO FOLLOW UP INSPECTION REQUIRED

Findings:

8 Number of Comments

2 Number of Corrective Actions

☒ Corrective Action Response Requested**ANY CORRECTIVE ACTION(S) FROM
PREVIOUS INSPECTIONS THAT HAVE NOT
BEEN ADDRESSED ARE STILL APPLICABLE****Contact Information:**

Contact Name	Phone	Email	Comment
		jcobb@bry.com	
		jarmstrong@bry.com	

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
285014	WELL	PR	09/24/2013	GW	045-12349	CHEVRON 5-3D	RI
285015	WELL	PR	07/25/2007	GW	045-12350	CHEVRON 5-1D	RI
285016	WELL	PR	01/12/2010	GW	045-12343	CHEVRON 5-2D	RI
285041	WELL	PR	07/25/2007	GW	045-12352	CHEVRON 5-4D	RI
335597	LOCATION	AC			-	CHEVRON L04 696	RI

General Comment:

On 3/1/2021, Reclamation Specialist Trujillo conducted an interim reclamation and stormwater inspection at Berry Petroleum's CHEVRON L04 696 location in Garfield County, Colorado.

The following compliance issues were observed during this inspection:

1003.a: Interim Reclamation

1002.f: Stormwater.

Refer to the "Reclamation" and "stormwater" sections of this inspection report for additional details.

Refer to the photo-documentation of the observed compliance issues attached to this report.

Any corrective action(s) from previous inspections that have not been addressed are still applicable.

A follow up inspection on this site will be conducted to ensure the compliance issues have been corrected to comply with COGCC rules.

Inspected Facilities									
Facility ID:	285014	Type:	WELL	API Number:	045-12349	Status:	PR	Insp. Status:	RI
Producing Well									
Comment:	PR well, IR and SW inspection.								
Corrective Action:						Date:			
Facility ID:	285015	Type:	WELL	API Number:	045-12350	Status:	PR	Insp. Status:	RI
Producing Well									
Comment:	PR well, IR and SW inspection.								
Corrective Action:						Date:			
Facility ID:	285016	Type:	WELL	API Number:	045-12343	Status:	PR	Insp. Status:	RI
Producing Well									
Comment:	PR well, IR and SW inspection.								
Corrective Action:						Date:			
Facility ID:	285041	Type:	WELL	API Number:	045-12352	Status:	PR	Insp. Status:	RI
Producing Well									
Comment:	PR well, IR and SW inspection.								
Corrective Action:						Date:			
Facility ID:	335597	Type:	LOCATION	API Number:	-	Status:	AC	Insp. Status:	RI

Reclamation - Storm Water - Pit**Interim Reclamation:**

Date Interim Reclamation Started: _____ Date Interim Reclamation Completed: _____

Land Use: _____

Comment: _____

1002 SITE PREPARATION AND STABILIZATION

1002a. FENCING _____

Comment _____

Corrective Action _____

Date _____

1002b. SOIL REMOVAL AND _____

Comment _____

Corrective Action _____

Date _____

1002c. PROTECTION OF SOILS _____

Comment _____

Corrective Action _____

Date _____

1002E. SURFACE DISTURBANCE MINIMIZATION _____

Comment _____

Corrective Action _____

Date _____

1003a. Waste and Debris removed? _____

Comment _____

Corrective Action _____

Date _____

Unused or unneeded equipment onsite? _____

Comment _____

Corrective Action _____

Date _____

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

Comment _____

Corrective Action _____

Date _____

Guy line anchors marked? _____

Comment _____

Corrective Action _____

Date _____

1003b. Area no longer in use? Fail Production areas stabilized ? _____

1003c. Compacted areas have been cross ripped? Fail

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? Fail

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

RESTORATION AND REVEGETATION

Cropland

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

Non-Cropland

Top soil replaced Fail Recontoured Fail 80% Revegetation Fail

1003e. INTERIM VEGETATION TRANSECT

TRANSECT RESULTS OF DISTURBED AREA% _____

TRANSECT RESULTS OF REFERENCE AREA% _____

TOTAL % OF DESIRABLE VEGETATION COVER _____

VEGETATIVE COVER _____

1003 f. Weeds Noxious weeds? _____

Comment See "COGCC COMMENTS" for comments regarding interim reclamation.

Corrective Action Comply with COGCC 1003 Rules and conduct interim reclamation including, but not limited to, compaction alleviation (cross-ripping), recontouring/regrading and revegetation activities; Establish vegetation with total perennial, non-invasive uniform plant cover of at least eighty (80) percent of pre-disturbance or reference area levels. Use a seed mixture requested by the surface owner, or a mixture prescribed by the local soil conservation district. Ensure erosion controls are implemented to stabilize the seeded soil, and continue to monitor and manage this site until Final Reclamation has passed.

Date 04/15/2021

Overall Interim Reclamation Fail

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 _____

1004.d. FINAL VEGETATION TRANSECT

TRANSECT RESULTS OF DISTURBED AREA% _____

TRANSECT RESULTS OF REFERENCE AREA% _____

TOTAL % OF DESIRABLE VEGETATION COVER _____

VEGETATIVE COVER _____

Comment:						
Corrective Action:						Date
Overall Final Reclamation		Well Release on Active Location <input type="checkbox"/>		Multi-Well Location <input type="checkbox"/>		

Storm Water:

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment

Comment: Stormwater corrective action and date from FIR #701101176 remain applicable; see inspection for additional information.

NEW CORRECTIVE ACTIONS:

It was observed in this inspection that stormwater and erosion control measures to protect and stabilize slopes of the Location are missing or insufficient; head cutting and gulley erosion observed on areas downgradient of the sediment trap outlet, on the southeast end of the Location. Gulley erosion also observed on eastern interim areas adjacent to the access road. See photos 15-17.

Corrective Action: **Comply with Rule 1002.f and implement required stormwater and erosion control measures. Ensure BMPs are adequate for the site's conditions, are installed in accordance with good engineering practices and maintained in proper functioning condition.**

Date: 03/18/2021

Pits: ☐ NO SURFACE INDICATION OF PIT

<u>COGCC Comments</u>		
Comment	User	Date
<p>INTERIM RECLAMATION COMMENTS</p> <p>Well records show date of first production for the last well on the Location 7/29/2007; interim reclamation of areas not needed for production due by 1/29/2008; at least 12 growing seasons have passed.</p> <p>It was observed in this inspection that interim reclamation on the Location has not been conducted in accordance with COGCC 1003 rules; Areas not needed for production on the south end of the Location have not been reclaimed; compaction alleviation, recontouring/regrading and revegetation activities not conducted. South and eastern interim areas of the Location bare soil or predominantly vegetated by undesirable weedy plant species. Desirable vegetation on western interim areas not uniform or reflective of the adjacent reference. See photos 6-14, 18.</p>	trujilloam	03/03/2021

Attached Documents

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

Document Num	Description	URL
696202416	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5365948