

**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 FORM

Loc ID 335597 Inspector Name: Trujillo, Aaron On-Site Inspection 2A Doc Num: _____

Status Summary:

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

Operator Information:

OGCC Operator Number: 10091
Name of Operator: BERRY PETROLEUM COMPANY LLC
Address: 11117 RIVER RUN BLVD
City: BAKERSFIELD State: CA Zip: 93311

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

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 Multi-Well Location

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

| COGCC Comments | | |
|---|------------|------------|
| 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 |