



COGCC Rule 502.b  
Variance Request for  
1001.c Surface Owner Waiver

Location Name: Brown-66N63W 2SEW  
Location ID: 306163

Well Name: Brown 22-2  
API #: 05-123-24094

Prepared for:  
PDC Energy Inc.

Prepared by:  
Duraroot, LLC

Date:  
March 2021



March 11, 2021

Director Julie Murphy  
Colorado Oil and Gas Conservation Commission  
1120 Lincoln Street, Suite 801  
Denver, CO 80203

**RE: COGCC Rule 502.b Variance Request for 1001.c Surface Owner Waiver**  
**Location: Brown-66N63W 2SENW**                      **Location ID: 306163**  
**Well Name: Brown 22-2**                                      **API #: 05-123-24094**  
**Section 2: SENW, Township 6 North, Range 63 West, 6th P.M.**  
**Weld County, Colorado**

Dear Director Murphy,

PDC Energy, Inc. (PDC) has obtained a Surface Owner Waiver under Rule 1001.c for final reclamation of a portion of the former Brown 22-2 access road and associated cattle guards (2). PDC has plugged and abandoned (P&A) the former Brown 22-2 well in accordance with the requirements of Rule 1004.a. (Form 6 Subsequent Document Number: 402516399).

Furthermore, in accordance with the surface owner's request (see Attachment A), PDC has left the western portion of the access road and associated cattle guards (2) in place. The surface owner(s) Benjamin D Brown Trust has requested that PDC not remove/ reclaim the former Brown 22-2 access road and associated cattle guards (2). The surface owner(s) wishes to waive reclamation on the former access road and associated cattle guards (2) because the surface owner(s) uses the former access road to access the adjacent pasture to feed, water, and manage cattle and conduct other ranching operations. The fences on the property are constructed in a manner that makes this access the only access to the eastern portion of the pasture.

Due to the surface owner's final reclamation request of the location, we are requesting your approval for a variance from the requirements of 1004.a, 1004.c.(2), 1004.d, and Rule 1004.e pursuant to Rule 1001.c. The documents attached to this letter for the former Brown 22-2 location were developed in accordance with the December 17, 2019, version of the Colorado Oil and Gas Conservation Commission's (COGCC's) Rule 1001.c: Surface Owner Waiver for Final Reclamation guidance document (Operator Guidance Document).

**Attachment A: Executed Final Reclamation Agreement**

Attachment A is a signed and executed agreement that PDC has entered with the surface owner(s), Benjamin D Brown Trust, regarding the location's final reclamation efforts and the request to leave the former access road and associated cattle guards (2) in place. Attachment A, along with Exhibit A, fulfills the four (4) requirements listed in Sections 3.1, 3.3, 3.4, and 3.8 of the Guidance Document.

**Attachment B: Operator Demonstration**

Attachment B, along with all figures and Exhibits A and B, fulfills the requirements of Sections 3.5 and 3.6 of the Guidance Document to waive compliance with specified provisions of Rule 1004, via a Variance. Attachment B contains the required supporting documentation to demonstrate that granting this final reclamation variance for applicable requirements of Rule 1004 will not negatively impact public health, public safety, public welfare, the environment, or wildlife.

PDC has made a good faith effort to provide the necessary information and evidence requested in the December 17, 2019, version of the COGCC Rule 1001.c: Surface Owner Waiver for Final Reclamation guidance document for the Director to evaluate our request for waiving specified provisions of Rule 1004 to fulfill the surface owner's request for final reclamation.

If you have any questions or concerns about PDC's variance request, please do not hesitate to contact me.

Sincerely,

*Phillip Porter, CHMM*

Phillip Porter  
Senior Environmental Representative – Wattenberg  
PDC Energy, Inc.

Attachments:

Attachment A: Executed Final Reclamation Agreement  
Attachment B: Operator Demonstration  
Exhibit A: Facility Photos and Aerial Imagery  
Exhibit B: Well Abandonment - Subsequent Form 6

**Attachment A:**  
**Executed Final Reclamation Agreement**



District Office  
4000 Burlington Avenue  
Evans, CO 80620  
970-506-9272  
www.pdce.com

September 30, 2020

Benjamin D Brown Trust  
35954 County Road 69  
Briggsdale, CO 80611

Re: **Final Reclamation Agreement**  
**Brown 22-2 (API#: 05-123-24094)**  
Township 6 North, Range 63 West, 6th P.M.  
Section 2: NW4  
Weld County, Colorado

Dear Benjamin D Brown Trust,

PDC Energy, Inc. ("PDC") has previously consulted with the Surface Owner(s) concerning the final reclamation of the above-captioned well(s) and/or facility discussing the future land use and applicability of the rules of the Colorado Oil and Gas Conservation Commission ("COGCC") as they pertain to your lands. The well(s) were plugged and abandoned and PDC has removed all associated well and production facility equipment from the site(s). PDC and the Surface Owner completed a surface owner consultation in accordance with COGCC Rule 306.f on September 24, 2020. Based on this consultation PDC and the Surface Owner, agree to enter into this Final Reclamation Agreement in accordance with COGCC Rule 1001.c, to set forth the respective rights and responsibilities of the parties, and to seek COGCC's waiver of compliance with certain 1000-series rules.

The specific portion of the oil and gas location, see attached photographs labeled as Exhibit A (the "Location") subject to this Final Reclamation Agreement and waiver include:

- Access road to former production facility and all existing cattle guards on subject portion of access road

The reasons for Surface Owner entering into this Final Reclamation Agreement and thereby waiving PDC's obligations for additional reclamation required under COGCC Rule 1004 at the Location include:

- Surface Owner requests to retain the access road and all existing cattle guards from current in-operation production facility (Brown horizontal facility) to former Brown 22-2 production facility in order to access pasture to feed, water and manage cattle and all other ranching operations. The fences on the property are constructed in a manner that make this access the only access to the eastern portion of the pasture.

As the Surface Owner, you acknowledge that the current condition of the property subject to this Final Reclamation Agreement is satisfactory to you or will be satisfactory once PDC performs the agreed upon plan. If applicable, you acknowledge responsibility of topsoil protection. Additionally, by executing this letter below, as the Surface Owner, you also acknowledge that you knowingly, and forever, waive all

reclamation protections otherwise afforded by COGCC Rule 1004 and that you will assume responsibility for any further reclamation activities you wish to have undertaken at these sites. Provided however, PDC must comply with all final reclamation requirements under the Rule 1000-series that may not be waived by Surface Owner including COGCC Rule 1004.c.(4-5).

If this Final Reclamation Agreement correctly reflects your agreement, please sign, date, and have your signature notarized on both originals of this letter, keep one for your files and return one to the undersigned.

Please be aware that although you have signed this Final Reclamation Agreement and PDC subsequently submits a reclamation variance request, the COGCC may deny such request and PDC will then be required to complete all final reclamation in accordance with the COGCC 1000 Series rules. PDC is responsible for surface stabilization, stormwater management, and weed control until the variance request is approved.

Thank you for your time and consideration in this matter. If you have any questions or comments, please contact Danielle Barnes at (970) 342-0564.

Respectfully,

Brian DeRose  
Surface Land Supervisor

I acknowledge and agree as set forth above.

**Benjamin D Brown Trust**

Signed: Benjamin D. Brown

Title: Trustee

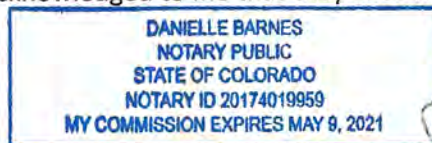
Date: 10/11/2020

**ACKNOWLEDGEMENTS**

State of Colorado            )  
  ) §  
County of Weld            )

On this 1 day of October, 2020, before me personally appeared Benjamin Brown for Benjamin D Brown Trust, known to me to be the persons described in and who executed the foregoing instrument, and who acknowledged to me that they executed the same.

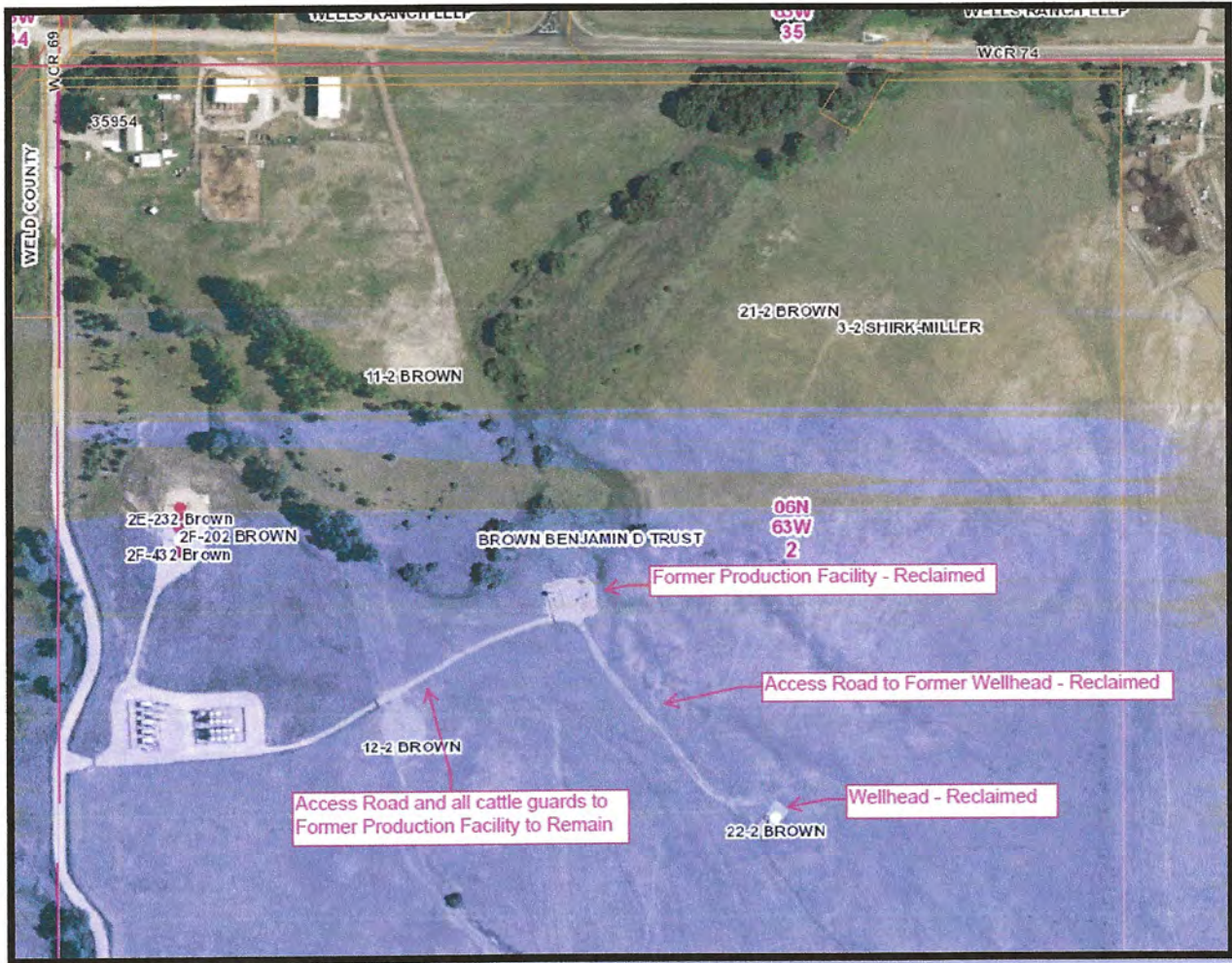
(SEAL)



My commission expires: May 9, 2021

\_\_\_\_\_  
Notary Public

Exhibit A



Access road to former production facility and all cattle guards on subject access road to remain in order to access pasture for cattle and ranching operations. All equipment has been removed.

**Weld County  
Access Roads**

If you have elected for limited reclamation and would like to keep a road that either PDC built or an existing road that PDC upgraded and used while our well was in production, please note the following.

Weld County Code may require you to hold a current Access Permit for any access off of a county road onto your property. Currently, there is not an existing Weld County Access Permit for this access.

Permit Number: N/A

Use: N/A

To apply for a new Access Permit or change the use of the above referenced existing Access Permit with Weld County, please contact:

Weld County Public Works Department  
1111 H Street  
PO Box 758  
Greeley, CO 80632  
970-340-6496

Or visit the Weld County website to find the Access Permit Application and to learn more about Access Permits and requirements for approval at:

[www.weldgov.com/departments/public\\_works](http://www.weldgov.com/departments/public_works)

**Attachment B:**  
**Operator Demonstration**

## Attachment B



March 11, 2021

**RE: Operator Demonstration for:**  
**Location: Brown-66N63W 2SENW**                      **Location ID: 306163**  
**Well Name: Brown 22-2**                                **API #: 05-123-24094**  
**Section 2: SENW, Township 6 North, Range 63 West, 6th P.M.**  
**Weld County, Colorado**

The information below addresses the requirements detailed in Sections 3.5 and 3.6 of the Colorado Oil and Gas Conservation Commission's (COGCCs) Rule 1001.c: Surface Owner Waiver for Final Reclamation guidance document (Operator Guidance Document) dated December 17, 2019. Sections 3.5 and 3.6 of the Guidance Document outlines the evaluation of whether public health, safety, and welfare are protected and how significant adverse environmental impacts are prevented if specified provisions of Rule 1004 are waived, via a Variance.

**1. Evidence that all wells on the location have been Plugged and Abandoned (P&A) and that a Form 6 subsequent was submitted for each well.**

PDC Energy, Inc. (PDC) certifies that the former Brown 22-2 (API #: 05-123-24094) well has been P&A as per the COGCC Rules and the Form 6 Subsequent has been submitted (Exhibit B - Document Number: 402516399).

**2. Evidence that all oil and gas equipment has been removed, including flowline and gathering risers.**

PDC certifies that all oil and gas equipment, including flowline and gathering risers, have been removed from the location where the final reclamation variance is being requested. Exhibit A consists of facility photos taken on March 5, 2021, that demonstrate all equipment has been removed.

**3. Evidence that all trash and debris belonging to the operator or its agents has been removed.**

PDC certifies that all trash and debris belonging to PDC or any of our contractors or agents has been removed from the location where the final reclamation variance is being requested. Exhibit A consists of facility photos taken on March 5, 2021, that demonstrate all trash and debris has been removed.

**4. Evidence that noxious weeds have been controlled as required by Rule 1004.**

PDC certifies that noxious weeds have been controlled and/or removed from the location and will be managed by PDC until approval of this final reclamation variance. Exhibit A consists of facility photos taken on March 5, 2021, that demonstrate noxious weed control on the location.

**5. Documentation of Good Faith Surface Owner Consultation regarding final reclamation pursuant to Rule 306.f.**

Attachment A, accompanied by Exhibit A, provides the “Final Reclamation Agreement” provided to and signed by the surface owner(s) Benjamin D Brown Trust on October 1, 2020, for the former Brown 22-2 access road and associated cattle guards (2) documenting good faith consultation with the surface owner(s).

**6. Documentation of existing state of reclamation.**

PDC certifies that the location has been reclaimed in accordance with the request of the surface owner(s) (see Attachment A). The surface owner(s) requested that PDC not remove/ reclaim the western portion of the former Brown 22-2 access road and associated cattle guards (2). The disturbance area for the former Brown 22-2 access road is approximately 0.19 acre (0.13 mile). The surface owner(s) wishes to waive reclamation on the former access road because the surface owner(s) uses the former access road to access the adjacent pasture to feed, water, and manage cattle and conduct other ranching operations. The fences on the property are constructed in a manner that makes this access the only access to the eastern portion of the pasture.

P&A for the Brown 22-2 well was finalized on September 21, 2020. All associated wellhead equipment has been removed. Exhibit A consists of facility photos taken on March 5, 2021, that demonstrate the existing state of reclamation on the former Brown 22-2 location.

**7. Evidence that site is stabilized and stormwater management is adequate pending COGCC’s final sign-off reclamation inspection.**

The former Brown 22-2 well has been P&A and reclaimed in accordance with Rule 1004. The former Brown 22-2 location is east of Highway 392 approximately 0.35 mile south of County Road 74, approximately 0.34 mile east of County Road 69, and approximately 12 miles northeast of Kersey, Colorado. The former access road surface is compacted and graveled for stabilization.

PDC will maintain the location to ensure proper stabilization and stormwater management until this variance is approved and all conditions of approval are fulfilled. Exhibit A consists of facility photos taken on March 5, 2021, that demonstrate current site conditions, including adequate site stabilization and stormwater management.

**8. Operator analysis of protection of public health, safety, and welfare; and prevention of significant adverse environmental impacts.**

PDC has evaluated potential impacts to public health, safety, and welfare as well as potential significant adverse environmental impacts to this final reclamation variance to Rule 1004 [except Rules 1004.c.(4) and 1004.c.(5)]. Based on the explanation below, PDC has determined that a variance from the applicable requirements of Rule 1004 for the former Brown 22-2 location would have NO NEGATIVE IMPACTS on public health, public safety, public welfare, environment, or wildlife.

*Public Health Analysis*

The specified final reclamation variance request from Rule 1004 is minor and with COGCC approval will maintain protection of public health. The location is on private property and, according to the “Surface Owners” COGCC GIS mapping layer, does not require any

consultations with the Colorado Department of Public Health and Environment (CDPHE) or Colorado’s Division of Water Resources (DWR).

Public Safety Analysis

The specified final reclamation variance request from Rule 1004 is minor and will maintain protection of public safety. The former Brown 22-2 location is east of Highway 392 approximately 0.35 mile south of County Road 74, approximately 0.34 mile east of County Road 69, and approximately 12 miles northeast of Kersey, Colorado. The former Brown 22-2 well has been P&A and reclaimed in accordance with Rule 1004 (see Exhibits A and B).

Public Welfare Analysis

The specified final reclamation variance request from Rule 1004 is a minor request that maintains the protection of public welfare. The Brown 22-2 location is on private property and the access road will be used by the surface owner(s) to access and maintain their property. The location is zoned “Agricultural” by Weld County and the surface owner’s desired use of the land is compatible with Weld County land use zoning standards.

Environment

The former Brown 22-2 location does not fall within a Rule 317B Public Water System Protection area, according to the COGCC GIS “PWS 317B” mapping layer. The former Brown 22-2 location is approximately 0.19 mile (991 feet) southeast of the nearest surface water (Crow Creek) according to several COGCC GIS “Water Resources” mapping layers (Figure 1). Due to the nature of this variance the former Brown 22-2 location does not pose a risk to surface water.

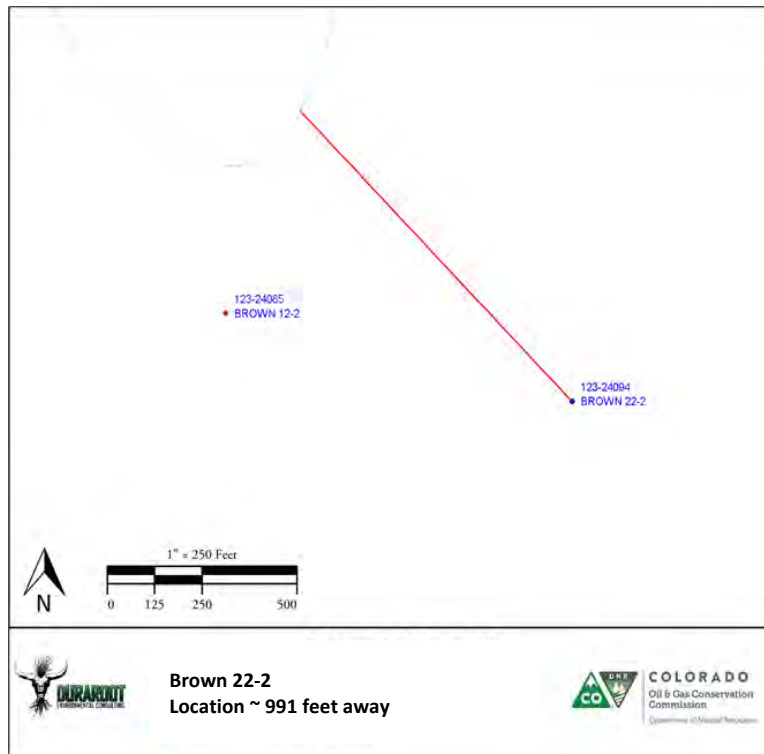


Figure 1. Distance to nearest surface water feature for the former Brown 22-2 location.

The former Brown 22-2 location does not fall within a defined FEMA, State, or Weld County 100-Year Floodplain, according to COGCC GIS “Floodplain” mapping layers and Weld County Floodplain data (Figure 2).

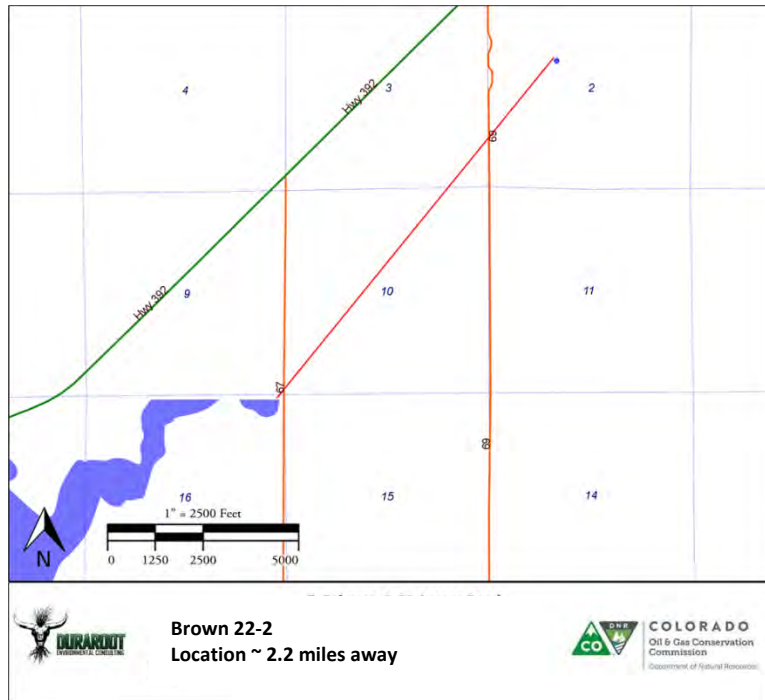


Figure 2. Distance to nearest 100-Year Floodplain for the former Brown 22-2 location.

The former Brown 22-2 location is approximately 0.32 mile (1,715 feet) southeast of the nearest groundwater well, according to COGCC GIS “DWR\_Wells” mapping layer, which is based on Colorado’s DWR information (Figure 3).

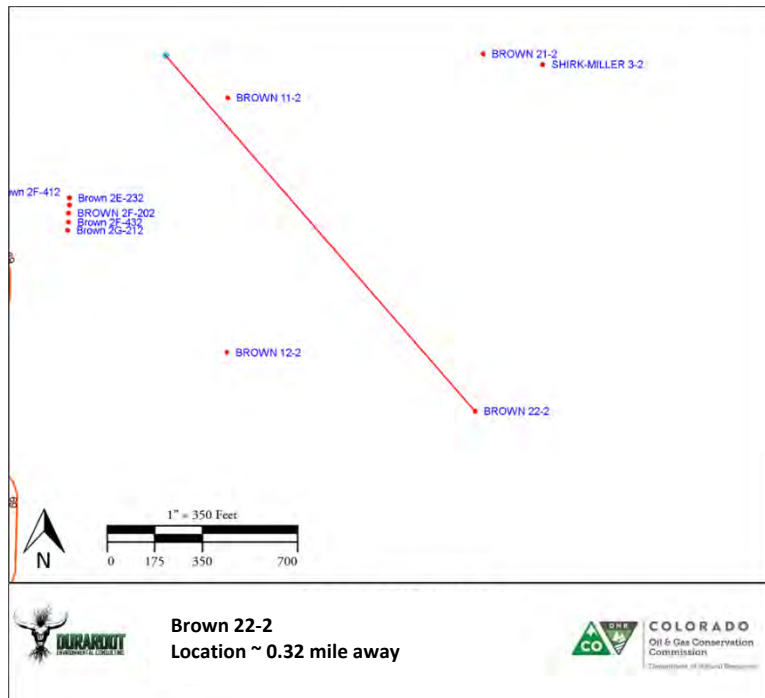
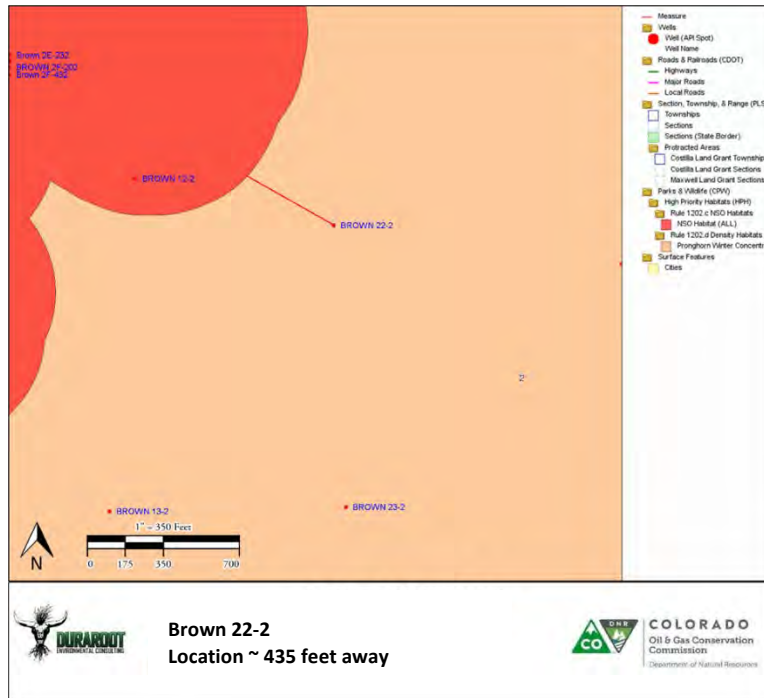


Figure 3. Distance to nearest groundwater well for the former Brown 22-2 location.

## Wildlife

The former Brown 22-2 location is not within a defined “No Surface Occupancy” (NSO) area as identified in the COGCC GIS “CPW\_NSO” mapping layer (Figure 4). The nearest defined NSO area is 451 feet to the northwest. The former Brown 22-2 location is within a defined “High Priority Habitat” (HPH) area as identified in the COGCC GIS “CPW\_HPH” mapping layer (Figure 5). The HPH is identified as Pronghorn Winter Concentration Density Habitat.



**Figure 4. Distance to nearest No Surface Occupancy (NSO) or High Priority Habitat (HPH) for the former Brown 22-2 location.**

Based on this evaluation it has been established that:

- given the small size of the variance request 0.19 acre (0.13 mile),
- the nature of the variance request,
- the surface owner’s plans for the location, and
- the fact that the location is on private property,

Granting this final reclamation variance for the former Brown 22-2 location would have NO NEGATIVE IMPACTS on public health, public safety, public welfare, environment, or wildlife.

**Exhibit A:**  
**Facility Photos and Aerial Imagery**

# Exhibit A: FACILITY PHOTOS

PREPARED FOR: PDC ENERGY, INC.

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Facility:

Facility Type:

Legal Description:

Date of Assessment:

COGCC Location ID#:

County:

Date Prepared:

# Exhibit A: FACILITY PHOTOS

## PREPARED FOR: PDC ENERGY, INC.

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Facility:

Facility Type:

Legal Description:

Date of Assessment:

COGCC Location ID#:

County:

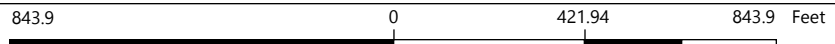
Date Prepared:



**Legend**

- Parcels
- API Label
- Well Name Label
- ▲ Weld Oil and Gas Location As
- Oil and Gas Wells - Active**
- Producing
- Permit
- Drilling
- Injection
- Shut-In
- Temporarily Abandoned
- Waiting on Completion
- Gas Storage / Monitoring
- Oil and Gas Wells - Inactive**
- Abandoned Location
- Plugged and Abandoned
- Dry and Abandoned
- Other
- Highway
- Township / Range
- Section
- Quarter Section
- County Boundary

1: 5,063



**Notes**



**Legend**

- Parcels
- API Label
- Well Name Label
- Weld Oil and Gas Location As
- Oil and Gas Wells - Active
  - Producing
  - Permit
  - Drilling
  - Injection
  - Shut-In
  - Temporarily Abandoned
  - Waiting on Completion
  - Gas Storage / Monitoring
- Oil and Gas Wells - Inactive
  - Abandoned Location
  - Plugged and Abandoned
  - Dry and Abandoned
  - Other
- Highway
- Township / Range
- Section
- Quarter Section
- County Boundary

1: 2,532



421.9 0 210.97 421.9 Feet

**Notes**

**Exhibit B:**

**Well Abandonment – Subsequent Form 6**

Document Number:  
402516399

Date Received:  
10/21/2020

**WELL ABANDONMENT REPORT**

This form is to be submitted as an Intent to Abandon whenever an abandonment is planned on a borehole. After the abandonment is complete, this form shall again be submitted as a Subsequent Report of the actual work completed. The approved intent shall be valid for six months after the approval date, after that period, a new intent will be required. Attachments required with the Intent to Abandon are wellbore diagrams of the current configuration and the proposed configuration with plugs set. A Subsequent Report of Abandonment shall indicate the actual work completed. Attachments required with a Subsequent Report are a wellbore diagram showing plugs that were set and casing remaining in the hole, the job summaries from all plugging contractors used, including wireline and cementing (third party verification) and any logs that may have been run during abandonment.

OGCC Operator Number: 69175 Contact Name: Valerie Danson  
 Name of Operator: PDC ENERGY INC Phone: (970) 506-9272  
 Address: 1775 SHERMAN STREET - STE 3000 Fax: \_\_\_\_\_  
 City: DENVER State: CO Zip: 80203 Email: valerie.danson@pdce.com

**For "Intent" 24 hour notice required,** Name: \_\_\_\_\_ Tel: \_\_\_\_\_  
 Email: \_\_\_\_\_

**COGCC contact:** \_\_\_\_\_

Type of Well Abandonment Report:  Notice of Intent to Abandon  Subsequent Report of Abandonment

API Number 05-123-24094-00  
 Well Name: BROWN Well Number: 22-2  
 Location: QtrQtr: SENW Section: 2 Township: 6N Range: 63W Meridian: 6  
 County: WELD Federal, Indian or State Lease Number: \_\_\_\_\_  
 Field Name: WATTENBERG Field Number: 90750

*Only Complete the Following Background Information for Intent to Abandon*

Latitude: 40.517530 Longitude: -104.406860  
 GPS Data: GPS Quality Value: 4.2 Type of GPS Quality Value: \_\_\_\_\_ Date of Measurement: 11/20/2006  
 GPS Instrument Operator's Name: H.L. TRACY  
 Reason for Abandonment:  Dry  Production Sub-economic  Mechanical Problems  
 Other \_\_\_\_\_  
 Casing to be pulled:  Yes  No Estimated Depth: \_\_\_\_\_  
 Fish in Hole:  Yes  No If yes, explain details below  
 Wellbore has Uncemented Casing leaks:  Yes  No If yes, explain details below  
 Details: \_\_\_\_\_

**Current and Previously Abandoned Zones**

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
CODELL	6757	6764	09/21/2020	B PLUG CEMENT TOP	6707

Total: 1 zone(s)

**Casing History**

Casing Type	Size of Hole	Size of Casing	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bot	Cement Top	Status
SURF	12+1/4	8+5/8	24	410	225	410	0	VISU
1ST	7+7/8	4+1/2	10.5	7,030	720	7,030	0	CBL

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6707 with 2 sacks cmt on top. CIBP #2: Depth 6462 with 2 sacks cmt on top.  
CIBP #3: Depth 2500 with 2 sacks cmt on top. CIBP #4: Depth \_\_\_\_\_ with \_\_\_\_\_ sacks cmt on top.  
CIBP #5: Depth \_\_\_\_\_ with \_\_\_\_\_ sacks cmt on top.

NOTE: Two(2) sacks cement required on all CIBPs.

Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Type: \_\_\_\_\_ Plug Tagged:   
Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Type: \_\_\_\_\_ Plug Tagged:   
Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Type: \_\_\_\_\_ Plug Tagged:   
Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Type: \_\_\_\_\_ Plug Tagged:   
Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Type: \_\_\_\_\_ Plug Tagged:

Perforate and squeeze at \_\_\_\_\_ ft. with \_\_\_\_\_ sacks. Leave at least 100 ft. in casing \_\_\_\_\_ CICR Depth

Perforate and squeeze at \_\_\_\_\_ ft. with \_\_\_\_\_ sacks. Leave at least 100 ft. in casing \_\_\_\_\_ CICR Depth

Perforate and squeeze at \_\_\_\_\_ ft. with \_\_\_\_\_ sacks. Leave at least 100 ft. in casing \_\_\_\_\_ CICR Depth

(Cast Iron Cement Retainer Depth)

Set 147 sacks half in. half out surface casing from 1708 ft. to 0 ft. Plug Tagged:

Set \_\_\_\_\_ sacks at surface

Cut four feet below ground level, weld on plate Above Ground Dry-Hole Marker:  Yes  No

Set \_\_\_\_\_ sacks in rat hole Set \_\_\_\_\_ sacks in mouse hole

## Additional Plugging Information for Subsequent Report Only

Casing Recovered: \_\_\_\_\_ ft. of \_\_\_\_\_ inch casing

Cut and Cap Date: 09/21/2020

\*Wireline Contractor: Rocky Mtn Wireline Services

\*Cementing Contractor: NexTier Cementing Services

Type of Cement and Additives Used: Class G 15.8 PPG Cement

Flowline/Pipeline has been abandoned per Rule 1105  Yes  No

Technical Detail/Comments:

Brown 22-2 (05-123-24094)/Plugging Procedure  
Producing Formation: Codell: 6757'-6764'  
Upper Pierre Aquifer: 500'-1600'  
TD: 7051' PBD: 6995' (4/25/2013)  
Surface Casing: 8 5/8" 24# @ 410' w/ 225 sxs cmt  
Production Casing: 4 1/2" 10.5# @ 7030' w/ 720 sxs cmt (TOC @ surface - CBL)

Procedure:

1. MIRU pulling unit. Pull 2 3/8" tubing.
2. RU wireline company.
3. TIH with CIBP. Set BP at 6707'. Top with 2 sxs 15.8#/gal CI G cement. (Top of Codell perms @ 6757')
4. TIH with CIBP. Set BP at 6462'. Top with 2 sxs 15.8#/gal CI G cement. (Top of Niobrara @ 6512')
5. Run a CBL from 6000' to Surface.
6. TIH with CIBP. Set BP at 2500'. Top with 2 sxs 15.8#/gal CI G cement.
7. TIH with tubing to 1708'. Mix and pump 147 sxs 15.8#/gal CI G cement down tubing. Cement circulate to surface.
8. Cut surface casing 6' below ground level and weld on cap.

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: \_\_\_\_\_ Print Name: Valerie Danson

Title: Reg Tech Date: 10/21/2020 Email: valerie.danson@pdce.com

Based on the information provided herein, this Well Abandonment Report (Form 6) complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: McFarland, Nick Date: 2/26/2021

**CONDITIONS OF APPROVAL, IF ANY:****COA Type****Description**

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**Attachment List****Att Doc Num****Name**

402516399	WELL ABANDONMENT REPORT (SUBSEQUENT)
402516400	CEMENT BOND LOG
402516401	CEMENT JOB SUMMARY
402516402	OPERATIONS SUMMARY
402516403	WELLBORE DIAGRAM
402612044	FORM 6 SUBSEQUENT SUBMITTED

Total Attach: 6 Files

**General Comments****User Group****Comment****Comment Date**

Engineer	GPS location appears accurate on satellite imagery. Ops notice given. Pre-PA BH test filed. Form 7 reporting PA status. Flowline registered. Zones and casing history are consistent with approved intent. Procedure, WBD and tickets are consistent.	02/26/2021
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Total: 1 comment(s)