

# State of Colorado Energy & Carbon Management Commission

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DE	ET	OE	ES
Document Number: <u>403547177</u>			
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## SUNDRY NOTICE

This form is required for reports, updates, and requests as specified in the COGCC rules. It is also used to request changes to some aspects of approved permits for Wells and Oil and Gas Locations.

OGCC Operator Number: <u>10651</u>	Contact Name <u>Heather Mitchell</u>
Name of Operator: <u>VERDAD RESOURCES LLC</u>	Phone: <u>(720) 845-6917</u>
Address: <u>1125 17TH STREET SUITE 550</u>	Fax: <u>( )</u>
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>	Email: <u>regulatory@verdadresources.com</u>

## FORM 4 SUBMITTED FOR:

Facility Type: WELL

API Number : 05- 123 52057 00 ID Number: 483985

Name: County Line Number: 3229-26H

Location QtrQtr: SWSE Section: 31 Township: 1N Range: 65W Meridian: 6

County: WELD Field Name: WATTENBERG

## Oil & Gas Location(s) and Oil & Gas Development Plan (OGDP) Information

### Location(s)

Location ID	Location Name and Number
474767	County Line Pad

### OGDP(s)

No OGDP

## WELL LOCATION CHANGE OR AS-BUILT GPS REPORT

☒ Change of Location for Well \* ☐ As-Built GPS Location Report ☐ As-Built GPS Location Report with Survey

\* Well Location Change requires a new Plat.

### SURFACE LOCATION GPS DATA Data must be provided for Change of Surface Location and As Built Reports.

Latitude 40.001457 Longitude -104.702857

GPS Quality Value: 1.7 Type of GPS Quality Value: PDOP Measurement Date: 12/10/2021

Well Ground Elevation: 5037 feet (Required for change of Surface Location.)

## WELL LOCATION CHANGE

Well plan is: HORIZONTAL (Vertical, Directional, Horizontal)

Change of **Surface** Footage From:

Change of **Surface** Footage To:

Current <b>Surface</b> Location From	QtrQtr <u>SWSE</u>	Sec <u>31</u>	Twp <u>1N</u>	Range <u>65W</u>	Meridian <u>6</u>
New <b>Surface</b> Location To	QtrQtr <u>SWSE</u>	Sec <u>31</u>	Twp <u>1N</u>	Range <u>65W</u>	Meridian <u>6</u>

Change of **Top of Productive Zone** Footage From:

Change of **Top of Productive Zone** Footage To:

Current <b>Top of Productive Zone</b> Location	Sec <u>32</u>	Twp <u>1N</u>	Range <u>65W</u>
New <b>Top of Productive Zone</b> Location	Sec <u></u>	Twp <u></u>	Range <u></u>

FNL/FSL		FEL/FWL	
<u>340</u>	<u>FSL</u>	<u>1580</u>	<u>FEL</u>
<u>340</u>	<u>FSL</u>	<u>1564</u>	<u>FEL</u>
<u>460</u>	<u>FSL</u>	<u>493</u>	<u>FEL</u>
<u></u>	<u></u>	<u></u>	<u></u>

\*\*

Change of **Base of Productive Zone** Footage **From:**

2180 FSL 492 FEL

Change of **Base of Productive Zone** Footage **To:**

2190 FSL 492 FEL \*\*

Current **Base of Productive Zone** Location

Sec 29

Twp 1N

Range 65W

New **Base of Productive Zone** Location

Sec 29

Twp 1N

Range 65W

Change of **Bottomhole** Footage **From:**

2270 FSL 493 FEL

Change of **Bottomhole** Footage **To:**

2280 FSL 492 FEL \*\*

Current **Bottomhole** Location

Sec 29

Twp 1N

Range 65W

\*\* attach deviated drilling plan

New **Bottomhole** Location

Sec 29

Twp 1N

Range 65W

## SAFETY SETBACK INFORMATION

Required for change of Surface Location.

Distance from Well to nearest:

Building: 865 Feet  
Building Unit: 718 Feet  
Public Road: 280 Feet  
Above Ground Utility: 600 Feet  
Railroad: 1838 Feet  
Property Line: 340 Feet

### INSTRUCTIONS:

- Specify all distances per Rule 308.b.(1).
- Enter 5280 for distance greater than 1 mile.
- Building - nearest building of any type. If nearest Building is a Building Unit, enter same distance for both.
- Building Unit – as defined in 100 Series Rules.

## SUBSURFACE MINERAL SETBACKS

Required for change of Top and/or Base of Productive Zone. Enter 5280 for distance greater than 1 mile.

Is this Well within a unit? Yes

If YES:

Enter the minimum distance from the Completed Zone of this Well to the Unit Boundary: 460 Feet

Enter the minimum distance from the Completed Zone of this Well to the Completed Zone of an offset Well within the same unit permitted or completed in the same formation: 481 Feet

If NO:

Enter the minimum distance from the Completed Zone of this Well to the Lease Line of the described lease: \_\_\_\_\_ Feet

Enter the minimum distance from the Completed Zone of this Well to the Completed Zone of an offset Well producing from the same lease and permitted or completed in the same formation: \_\_\_\_\_ Feet

## Exception Location

☐ If this Well requires the approval of a Rule 401.c Exception Location, enter the Rule or spacing order number and attach the Exception Location Request and Waivers. \_\_\_\_\_

## LOCATION CHANGE COMMENTS

Change to the surface hole location. This required small changes to the wellbore path and drilling plans.

## CHANGE OR ADD OBJECTIVE FORMATION AND/OR SPACING UNIT

<u>Objective Formation</u>	<u>Formation Code</u>	<u>Spacing Order Number</u>	<u>Unit Acreage</u>	<u>Unit Configuration</u>	<u>Add</u>	<u>Modify</u>	<u>No Change</u>	<u>Delete</u>
NIOBRARA	NBRR	407-2473	960	S2 Sec. 29& All Sec.			X	

## OTHER

## RULE 502 VARIANCE

Order Number: \_\_\_\_\_

Description:	
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**REMOVE FROM SURFACE BOND** Signed surface use agreement is a required attachment

## CHANGE NAME OR NUMBER OF WELL, FACILITY, OIL & GAS LOCATION, OR OGDP

From: Name COUNTY LINE Number 3229-26H Effective Date:

To:            Name    Number

**ABANDON PERMIT:** Permit can only be abandoned if the permitted operation has NOT been conducted. Field inspection will be conducted to verify site status.

 WELL:Abandon Application for Permit-to-Drill (Form2) – Well API Number has not been drilled.

☐ PIT: Abandon Earthen Pit Permit (Form 15) – COGCC Pit Facility ID Number \_\_\_\_\_ has not been constructed (Permitted and constructed pit requires closure per Rule 911)

☐ **CENTRALIZED E&P WASTE MANAGEMENT FACILITY:** Abandon Centralized E&P Waste Management Facility Permit  
(Form 28) – Facility ID Number has not been constructed (Constructed facility requires closure per Rule 907)

OIL &amp; GAS LOCATION ID Number:

☐ Abandon Oil & Gas Location Assessment (Form 2A) – Location has not been constructed and site will not be used in the future.

☐ Keep Oil & Gas Location Assessment (Form 2A) active until expiration date. This site will be used in the future.

**Surface disturbance from Oil and Gas Operations must be reclaimed per Rule 1003 and Rule 1004.**

**REQUEST FOR WELL RECORDS CONFIDENTIALITY (Rule 206.c.(1))**

## DIGITAL WELL LOG UPLOAD

**DOCUMENTS SUBMITTED** Purpose of Submission:

 **COMPLIANCE with CONDITION OF APPROVAL (COA) on** Form NO: Document Number:

## RECLAMATION

## INTERIM RECLAMATION

Interim Reclamation will commence approximately

Per Rule 1003.e.(3) operator shall submit Sundry Notice reporting interim reclamation is complete and site is ready for inspection when vegetation reaches 80% coverage.

☐ Interim reclamation complete, site ready for inspection.  
Per Rule 1003.e(3) describe interim reclamation procedure in Comments below or provide as an attachment and attach required location photographs.

**Field inspection will be conducted to document Rule 1003.e. compliance**

## FINAL RECLAMATION

Final Reclamation will commence approximately

Per Rule 1004.c.(4) operator shall submit Sundry Notice reporting final reclamation is complete and site is ready for inspection when vegetation reaches 80% coverage.

☐ Final reclamation complete, site ready for inspection. Per Rule 1004.c(4) describe final reclamation procedure in Comments below or provide as an attachment.

**Field inspection will be conducted to document Rule 1004.c. compliance**

Comments:

#### ENGINEERING AND ENVIRONMENTAL WORK

☐ REPORT OF TEMPORARY ABANDONMENT

Describe the method used to ensure that the Well is closed to the atmosphere and the Operator's plans for future operation of the Well in the COMMENTS box below as required by Rule 434.b.(1).

☐ REQUEST FOR TEMPORARY ABANDONMENT EXCEEDING 6 MONTHS

State the reason for the extension request and explain the Operator's plans for future operation of the Well in the COMMENTS box below as required by Rule 434.b.(3).

Date well temporarily abandoned \_\_\_\_\_

Has Production Equipment been removed from site? \_\_\_\_\_

Mechanical Integrity Test (MIT) required. Date of last MIT \_\_\_\_\_

#### TECHNICAL ENGINEERING AND ENVIRONMENTAL WORK

Details of work must be described in full in the COMMENTS below or provided as an attachment.

☒ NOTICE OF INTENT/REQUEST FOR APPROVAL      Approximate Start Date      09/24/2023

☐ SUBSEQUENT REPORT      Date of Activity \_\_\_\_\_

- |   |  |  |
|---|--|--|
| <input type="checkbox"/> Bradenhead Plan  | <input type="checkbox"/> Venting or Flaring (Rule 903) | <input type="checkbox"/> E&P Waste Mangement           |
| <input checked="" type="checkbox"/> Change Drilling Plan  | <input type="checkbox"/> Repair Well                   | <input type="checkbox"/> Beneficial Reuse of E&P Waste |
| <input type="checkbox"/> Gross Interval Change  |  |  |
| <input type="checkbox"/> Underground Injection Control  |  |  |
| <input type="checkbox"/> Request approval of Reuse and Recycling Plan per Rule 905.a.(3). (Reuse and Recycling Plan must be attached.)                    |  |  |
| <input type="checkbox"/> Request approval of Alternative Sampling Plan per Rule 909.j.(6). for this Pit. (Alternative Sampling Program must be attached.) |  |  |
| <input type="checkbox"/> Other  |  |  |

☐ Request that an existing produced water sample from the same formation be used per Rule 909.j.(6) to meet the requirements of Rule 909.j.(1)-(5) for this Well.

Pit ID \_\_\_\_\_ Pit Name \_\_\_\_\_

(No Sample Provided)

☐ Subsequent well operations with heavy equipment (Rule 312)

(No Well Provided)

COMMENTS:

SHL and casing plan change

#### GAS CAPTURE

VENTING AND FLARING:

Operation type: \_\_\_\_\_ Operational phase requiring venting/flaring: \_\_\_\_\_

Reason for venting/flaring: \_\_\_\_\_

Describe Other reason for venting/flaring:

Describe why venting or flaring is necessary. If reporting per Rule 903.b.(2), 903.c.(3).C, or 903.d.(2), include the explanation, rationale, and cause of the event:

Describe how the operation will protect and minimize adverse impacts to public health, safety, welfare, the environment, and wildlife resources. If reporting per Rule 903.d.(2), include BMPs used to minimize venting on the BMP Tab:

Total volume of gas vented or flared: \_\_\_\_\_ mcf ☐ estimated ☐ measured  
Total duration of emission event: \_\_\_\_\_ hours ☐ consecutive ☐ cumulative

Submit a single representative gas analysis via Form 43 to create a Sample Site Facility ID# for this Location. Reference the Form 43 document number on the Related Forms tab.

Sample Site Facility ID#: \_\_\_\_\_

#### GAS CAPTURE PLAN

Describe the plan to connect to a gathering line or beneficially use the gas; include anticipated timeline:

A Gas Capture Plan that meets the requirements of Rule 903.e is attached. ☐

#### CASING PROGRAM

<u>Casing Type</u>	<u>Size of Hole</u>	<u>Size of Casing</u>	<u>Grade</u>	<u>Wt/Ft</u>	<u>Csg/Liner Top</u>	<u>Setting Depth</u>	<u>Sacks Cmt</u>	<u>Cmt Btm</u>	<u>Cmt Top</u>
CONDUCTOR	26	16	ASTM	65	0	80	70	80	0
SURF	13+1/2	9+5/8	J55	36	0	2536	803	2536	0
1ST	8+1/2	5+1/2	P110	20	0	17459	2188	17459	0

#### POTENTIAL FLOW AND CONFINING FORMATIONS

<u>Zone Type</u>	<u>Formation /Hazard</u>	<u>Top M.D.</u>	<u>Top T.V.D.</u>	<u>Bottom M.D.</u>	<u>Bottom T.V.D.</u>	<u>TDS (mg/L)</u>	<u>Data Source</u>	<u>Comment</u>
Groundwater	Denver	0	0	1004	994	501-1000	USGS	USGS-400012104431601, USGS-395958104433101
Groundwater	Laramie- Fox Hills	1004	994	1310	1279	501-1000	USGS	USGS-400138104404301
Confining Layer	Pierre	1310	1279	1830	1747			
Groundwater	Upper Pierre Porosity	1830	1747	2480	2251	1001-10000	Other	CO DNR Report Project Number 2141
Confining Layer	Pierre	2480	2251	5638	4383			
Hydrocarbon	Parkman	5638	4383	6021	4638			Non-productive horizon
Confining Layer	Pierre	6021	4638	6106	4695			
Hydrocarbon	Sussex	6106	4695	6481	4945			Non-productive horizon
Confining Layer	Pierre	6481	4945	9725	7080			
Hydrocarbon	Sharon Springs	9725	7080	9755	7095			Non-productive horizon
Hydrocarbon	Niobrara	9755	7095	17459	7487			

#### H2S REPORTING

- ☐ Intentional release of H2S gas due to Upset Condition or malfunction.
- ☐ Intent to temporarily abandon well with potential H2S concentration >100 ppm.

Data Fields in this section are intended to document Sample and Location Data associated with the collection of a Gas Sample that is submitted for Laboratory Analysis.

Gas Analysis Report must be attached.

H2S Concentration: \_\_\_\_\_ in ppm (parts per million)

Date of Measurement or Sample Collection \_\_\_\_\_

Description of Sample Point:

Absolute Open Flow Potential \_\_\_\_\_ in CFPD (cubic feet per day)

Description of Release Potential and Duration (If flow is not open to the atmosphere, identify the duration in which the container or pipeline would likely be opened for servicing operations.):

Distance to nearest occupied residence, school, church, park, school bus stop, place of business, or other areas where the public could reasonably be expected to frequent: \_\_\_\_\_

Distance to nearest Federal, State, County, or municipal road or highway owned and principally maintained for public use: \_\_\_\_\_

COMMENTS:

OIL & GAS LOCATION UPDATES

OGDP ID \_\_\_\_\_ OGDP Name \_\_\_\_\_

**SITE EQUIPMENT LIST UPDATES**

Indicate the number and type of major equipment components planned for use on this Oil and Gas Location:

Wells _____	Oil Tanks _____	Condensate Tanks _____	Water Tanks _____	Buried Produced Water Vaults _____
Drilling Pits _____	Production Pits _____	Special Purpose Pits _____	Multi-Well Pits _____	Modular Large Volume Tank _____
Pump Jacks _____	Separators _____	Injection Pumps _____	Heater-Treaters _____	Gas Compressors _____
Gas or Diesel Motors _____	Electric Motors _____	Electric Generators _____	Fuel Tanks _____	LACT Unit _____
Dehydrator Units _____	Vapor Recovery Unit _____	VOC Combustor _____	Flare _____	Enclosed Combustion Devices _____
Meter/Sales Building _____	Pigging Station _____		Vapor Recovery Towers _____	

**OTHER PERMANENT EQUIPMENT UPDATES**

**OTHER TEMPORARY EQUIPMENT UPDATES**

**CULTURAL AND SAFETY SETBACK UPDATES**

**OTHER LOCATION CHANGES AND UPDATES**

Provide a description of other changes or updates to technical information for this Location:

POTENTIAL OGDP UPDATES

PROPOSED CHANGES TO AN APPROVED OGDP



This Sundry Form 4 is being submitted pursuant to Rule 301.c to propose changes to an approved Oil and Gas Development Plan.

Check all boxes that pertain to the type(s) of changes being proposed for this OGDG:

- |  |  |
|--|--|
| <input type="checkbox"/> Add Oil and Gas Location(s)                     | <input type="checkbox"/> Add Drilling and Spacing Unit(s)    |
| <input type="checkbox"/> Amend Oil and Gas Location(s)                   | <input type="checkbox"/> Amend Drilling and Spacing Unit(s)  |
| <input type="checkbox"/> Remove Oil and Gas Location(s)                  | <input type="checkbox"/> Remove Drilling and Spacing Unit(s) |
| <input type="checkbox"/> Oil and Gas Location attachment or plan updates | <input type="checkbox"/> Amend the lands subject to the OGDG |
| <input type="checkbox"/> Other   |  |

Provide a detailed description of the changes being proposed for this OGDG. Attach supporting documentation such as maps if necessary.

### **Best Management Practices**

**No BMP/COA Type**

**Description**

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#### **Operator Comments:**

The conductor on the County Line 3229-25H (API: 123-52056) failed requiring the last well on the pad to shift the surface hole location. This sundry is to change the surface hole which also includes small changes to the casing and cement plan. The distance to the nearest well completed or permitted in the same formation was measured to the County Line 3229-25H for a distance of 481 ft.

The nearest proposed well belonging to another operator is the Adam Ten 1-A (API 05-123-08740), Operated by Crestone Peak Resources Operating LLC, in PA status measured in 3D at 400' taken from the anti-collision plan attached as OTHER. This well has a bottom-hole location beyond the unit boundary setback. The bottom of the completed interval will be within the unit boundary setback at 2190' FSL and 492' FEL of Section 29. The wellbore beyond the unit boundary setback will be physically isolated and will not be completed.

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

Signed: \_\_\_\_\_ Print Name: Heather Mitchell

Title: Regulatory Manager Email: regulatory@verdadresources.com Date: 10/2/2023

Based on the information provided herein, this Sundry Notice (Form 4) complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: CHAMPLIN, SAM Date: 10/4/2023

### **CONDITIONS OF APPROVAL, IF ANY:**

**COA Type**

**Description**

	Operator shall comply with Notice to Operators: Interim Reclamation Procedures for Delayed Operations (dated January 5, 2017).
	If conductors are preset, operator shall comply with Notice to Operators: Procedures for Preset Conductors (dated September 1, 2016).
	Operator will ensure the wellbore beyond the unit boundary setback is physically isolated and is not completed. In the Operator Comments on the Form 5A the operator will (1) report the footages from the section lines of the bottom of the completed interval (2) describe how the wellbore beyond the unit boundary setback is physically isolated and (3) certify that none of the wellbore beyond the setback was completed.

3 COAs

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	<p>Emailed operator for the following:</p> <ul style="list-style-type: none"><li>- Confirm adding original BPZ information under Well Location Change tab.</li><li>- Confirm revising comment under submit tab to the correct well.</li></ul> <p>Made the following changes with concurrence from the operator:</p> <ul style="list-style-type: none"><li>- Added BPZ footage calls from original APD and added location information</li><li>- Corrected comment under submit tab to the correct well name and added API.</li></ul> <p>Permit Review Complete</p>	10/04/2023

Total: 1 comment(s)

### Attachment List

<u>Att Doc Num</u>	<u>Name</u>
403547177	SUNDRY NOTICE APPROVED-LOC-SFTY-STBK-MNRL-STBK-OBJ-DRLG-CSG
403547206	WELL LOCATION PLAT
403547208	DEVIATED DRILLING PLAN
403547209	OTHER
403547212	DIRECTIONAL DATA
403547218	CEMENT JOB SUMMARY
403550507	FORM 4 SUBMITTED

Total Attach: 7 Files