

**State of Colorado**  
**Energy & Carbon Management Commission**

1120 Lincoln Street, Suite 801, Denver, Colorado 80203  
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|                                      |    |    |    |
|--------------------------------------|----|----|----|
| DE                                   | ET | OE | ES |
| Document Number:<br><b>403643268</b> |    |    |    |
| Date Received:<br><b>01/04/2024</b>  |    |    |    |

**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>Allison Schieber</u>        |
| Name of Operator: <u>VERDAD RESOURCES LLC</u>          | Phone: <u>(720) 845-6909</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>aschieber@verdadresources.com</u> |

**FORM 4 SUBMITTED FOR:**

Facility Type: WELL

API Number : 05- 123 52052 00 ID Number: 483980

Name: County Line Number: 3229-21H

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 \_\_\_\_\_ Longitude \_\_\_\_\_

GPS Quality Value: \_\_\_\_\_ Type of GPS Quality Value: \_\_\_\_\_ Measurement Date: \_\_\_\_\_

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

**WELL LOCATION CHANGE**

Well plan is: \_\_\_\_\_ (Vertical, Directional, Horizontal)

|  |                    |               |                   |                  |
|--|--------------------|---------------|-------------------|------------------|
| Change of <b>Surface</b> Footage <b>From:</b>                |                    | FNL/FSL       |                   | FEL/FWL          |
|  |                    | 340           | FSL               | 1655             |
| Change of <b>Surface</b> Footage <b>To:</b>                  |                    |               |                   | FEL              |
|  |                    |               |                   |                  |
| Current <b>Surface</b> Location <b>From</b>                  | 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 <b>To</b>                        | QtrQtr _____       | Sec _____     | Twp _____         | Range _____      |
|  |                    |               | Meridian _____    |                  |
| Change of <b>Top of Productive Zone</b> Footage <b>From:</b> |                    | 460           | FSL               | 2391             |
| Change of <b>Top of Productive Zone</b> Footage <b>To:</b>   |                    |               |                   | FWL              |
|  |                    |               |                   |                  |
| 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 _____     | Twp _____         | Range _____      |

\*\*

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

 FSL FWL

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

\*\*

Current **Base of Productive Zone** Location

Sec Twp Range 

New **Base of Productive Zone** Location

Sec Twp Range 

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

 2270 FSL 2392 FWL

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

\*\*

Current **Bottomhole** Location

Sec Twp Range 

\*\* attach deviated drilling plan

New **Bottomhole** Location

Sec Twp Range 

### SAFETY SETBACK INFORMATION

Required for change of Surface Location.

Distance from Well to nearest:

Building: \_\_\_\_\_ Feet  
 Building Unit: \_\_\_\_\_ Feet  
 Public Road: \_\_\_\_\_ Feet  
 Above Ground Utility: \_\_\_\_\_ Feet  
 Railroad: \_\_\_\_\_ Feet  
 Property Line: \_\_\_\_\_ 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? \_\_\_\_\_

If YES:

Enter the minimum distance from the Completed Zone of this Well to the Unit Boundary: \_\_\_\_\_ 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: \_\_\_\_\_ 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 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> |
|----------------------------|-----------------------|-----------------------------|---------------------|---------------------------|------------|---------------|------------------|---------------|
| CODELL                     | CODL                  | 407-2473                    | 960                 | S2 Sec. 29& All Sec.      | X          |               |                  |               |
| NIOBRARA                   | NBRR                  | 407-2473                    | 960                 | S2 Sec. 29& All Sec.      |            |               |                  | X             |



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    01/16/2024

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:**

Changing formation target from NBRR to CODL. Updated directional, casing, and formation information. Nothing else for the planned well has changed. Surface has been set.

**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**

| Casing Type | Size of Hole | Size of Casing | Grade | Wt/Ft | Csg/Liner Top | Setting Depth | Sacks Cmt | Cmt Btm | Cmt Top |
|-------------|--------------|----------------|-------|-------|---------------|---------------|-----------|---------|---------|
| CONDUCTOR   | 26           | 16             | astm  | 65    | 0             | 80            | 92        | 80      | 0       |
| SURF        | 13+1/2       | 9+5/8          | j55   | 36    | 0             | 2459          | 668       | 2459    | 0       |
| 1ST         | 8+1/2        | 5+1/2          | p110  | 20    | 0             | 16168         | 2046      | 16168   |         |

**POTENTIAL FLOW AND CONFINING FORMATIONS**

| Zone Type       | Formation /Hazard     | Top M.D. | Top T.V.D. | Bottom M.D. | Bottom T.V.D. | TDS (mg/L) | Data Source | Comment                                    |
|-----------------|-----------------------|----------|------------|-------------|---------------|------------|-------------|--|
| Groundwater     | DENVER                | 0        | 0          | 981         | 976           | 501-1000   | USGS        | USGS-400012104431601, USGS-395958104433101 |
| Groundwater     | FOX HILLS             | 981      | 976        | 1279        | 1261          | 501-1000   | USGS        | USGS-400138104404301                       |
| Confining Layer | PIERRE                | 1279     | 1261       | 1785        | 1729          |            |             |  |
| Groundwater     | UPPER PIERRE POROSITY | 1785     | 1729       | 2387        | 2233          | 1001-10000 | Other       | CO DNR Report Project Number 2141          |
| Confining Layer | PIERRE                | 2387     | 2233       | 4934        | 4365          |            |             |  |
| Hydrocarbon     | PARKMAN               | 4934     | 4365       | 5238        | 4620          |            |             | NON PRODUCING HORIZON                      |
| Confining Layer | PIERRE                | 5238     | 4620       | 5306        | 4677          |            |             |  |
| Hydrocarbon     | SUSSEX                | 5306     | 4677       | 5605        | 4927          |            |             | NON PRODUCING HORIZON                      |
| Confining Layer | PIERRE                | 5605     | 4927       | 8145        | 7052          |            |             |  |
| Hydrocarbon     | SHARON SPRINGS        | 8145     | 7052       | 8151        | 7057          |            |             | NON PRODUCING HORIZON                      |
| Hydrocarbon     | NIOBRARA              | 8151     | 7057       | 8938        | 7467          |            |             |  |
| Hydrocarbon     | CODELL                | 8938     | 7467       | 16168       | 7475          |            |             |  |

**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 OGDG UPDATES

PROPOSED CHANGES TO AN APPROVED OGDG

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:

- Add Oil and Gas Location(s)
- Add Drilling and Spacing Unit(s)
- Amend Oil and Gas Location(s)
- Amend Drilling and Spacing Unit(s)
- Remove Oil and Gas Location(s)
- Remove Drilling and Spacing Unit(s)
- Oil and Gas Location attachment or plan updates
- Amend the lands subject to the OGDG
- Other

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

[Empty text box for description]

**Best Management Practices**

**No BMP/COA Type**

**Description**

| <b><u>No BMP/COA Type</u></b> | <b><u>Description</u></b> |
|-------------------------------|---------------------------|
|                               |                           |

Operator Comments:

Changing formation target from NBRR to CODL. Updated directional, casing, and formation information. Nothing else for the planned well has changed. Surface has been set.

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

Signed: \_\_\_\_\_ Print Name: Allison Schieber  
 Title: Regulatory \_\_\_\_\_ Email: aschieber@verdadresources.com Date: 1/4/2024

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

COGCC Approved: McCoy, Diane \_\_\_\_\_ Date: 1/25/2024 \_\_\_\_\_

**CONDITIONS OF APPROVAL, IF ANY:**

| <b>COA Type</b> | <b>Description</b>  |
|-----------------|---|
|                 | 1) Submit Form 42 electronically to ECMC 2 business days prior to MIRU (spud notice) for the first well activity with a rig on the pad and provide 2 business day spud notice via Form 42 for all subsequent wells drilled on the pad.<br>2) Comply with Rule 408.j. and provide cement coverage from TD to a minimum of 500' above Niobrara. Verify coverage with a cement bond log.   |
|                 | Per Order 1-232, Bradenhead tests shall be performed according to the following schedule and Form 17 submitted within 10 days of each test:<br>1) Within 60 days of rig release, prior to stimulation. If any pressure greater than 200 psi is observed or if there is continuous flow, Operator must contact ECMC engineering for approval prior to stimulation.<br>2) If a delayed completion, a second test is required between 6-9 months after rig release and must be conducted prior to stimulation. If any pressure greater than 200 psi is observed or if there is continuous flow, Operator must contact ECMC engineering for approval prior to stimulation.<br>3) A post-production test within 60 days after first sales, as reported on the Form 10, Certificate of Clearance. |
|                 | This Sundry Notice Form 4 authorizes changes in the drilling/casing/cementing program as shown on the Drilling Permit Form 2 and must be visibly posted with the permit during drilling.  |
| 3 COAs          |   |

**General Comments**

| <b>User Group</b> | <b>Comment</b>  | <b>Comment Date</b> |
|-------------------|---|---------------------|
| Engineer          | Offset wells evaluated with the Form 2. COAs for offset mitigation were applied to the Form 2   | 01/25/2024          |
| Permit            | Made the following changes with concurrence from the operator:<br>- Selected delete for Niobrara in objective formations.<br><br>Permit Review Complete | 01/05/2024          |

Total: 2 comment(s)

**Attachment List**

| <b>Att Doc Num</b> | <b>Name</b>                             |
|--------------------|---|
| 403643268          | SUNDRY NOTICE APPROVED-OBJ-DRLG-CSG-DOC |
| 403644070          | DEVIATED DRILLING PLAN                  |
| 403644071          | DIRECTIONAL DATA                        |
| 403666411          | FORM 4 SUBMITTED                        |

Total Attach: 4 Files