

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

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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>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>
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**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)

				FNL/FSL		FEL/FWL				
Change of <b>Surface</b> Footage <b>From:</b>				<input type="text" value="340"/>	<input type="text" value="FSL"/>	<input type="text" value="1655"/>	<input type="text" value="FEL"/>			
Change of <b>Surface</b> Footage <b>To:</b>				<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>			
Current <b>Surface</b> Location <b>From</b>	QtrQtr	<input type="text" value="SWSE"/>	Sec	<input type="text" value="31"/>	Twp	<input type="text" value="1N"/>	Range	<input type="text" value="65W"/>	Meridian	<input type="text" value="6"/>
New <b>Surface</b> Location <b>To</b>	QtrQtr	<input type="text"/>	Sec	<input type="text"/>	Twp	<input type="text"/>	Range	<input type="text"/>	Meridian	<input type="text"/>
Change of <b>Top of Productive Zone</b> Footage <b>From:</b>				<input type="text" value="460"/>	<input type="text" value="FSL"/>	<input type="text" value="2391"/>	<input type="text" value="FWL"/>			
Change of <b>Top of Productive Zone</b> Footage <b>To:</b>				<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	**		
Current <b>Top of Productive Zone</b> Location	Sec	<input type="text" value="32"/>	Twp	<input type="text" value="1N"/>	Range	<input type="text" value="65W"/>				
New <b>Top of Productive Zone</b> Location	Sec	<input type="text"/>	Twp	<input type="text"/>	Range	<input type="text"/>				

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

Objective Formation	Formation Code	Spacing Order Number	Unit Acreage	Unit Configuration	Add	Modify	No Change	Delete
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**

<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	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	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	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			NON PRODUCING HORIZON
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:



**Attachment List**

<b><u>Att Doc Num</u></b>	<b><u>Name</u></b>
403644070	DEVIATED DRILLING PLAN
403644071	DIRECTIONAL DATA

Total Attach: 2 Files