

**State of Colorado**  
**Oil and Gas Conservation Commission**

1120 Lincoln Street, Suite 801, Denver, Colorado 80203  
Phone: (303) 894-2100 Fax: (303) 894-2109



DE	ET	OE	ES
Document Number: <u>402761046</u>			
Date Received: <u>10/15/2021</u>			

**SUNDRY NOTICE**

Submit a signed original. This form is to be used for general, technical and environmental sundry information. For proposed or completed operations, describe in full in Comments or provide as an attachment. Identify Well by API Number; identify Oil and Gas Location by Location ID Number; identify other Facility by Facility ID Number.

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: ( )
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 51087 00 ID Number: 476964

Name: Timbro Number: 0101-05H

Location QtrQtr: Lot 2 Section: 1 Township: 9N Range: 59W Meridian: 6

County: WELD Field Name: WILDCAT

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

Location(s)  
No Location

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 40.786591      Longitude -103.924460

GPS Quality Value: 1.5      Type of GPS Quality Value: PDOP      Measurement Date: 03/16/2018

Well Ground Elevation: 4938 feet (Required for change of Surface Location.)

**WELL LOCATION CHANGE**

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

		FNL/FSL		FEL/FWL	
Change of <b>Surface</b> Footage <b>From:</b>		356	FNL	2137	FEL
Change of <b>Surface</b> Footage <b>To:</b>		316	FNL	1977	FEL
Current <b>Surface</b> Location <b>From</b>	QtrQtr <u>Lot 2</u> Sec <u>1</u>	Twp <u>9N</u>	Range <u>59W</u>	Meridian <u>6</u>	
New <b>Surface</b> Location <b>To</b>	QtrQtr <u>Lot 2</u> Sec <u>1</u>	Twp <u>9N</u>	Range <u>59W</u>	Meridian <u>6</u>	
Change of <b>Top of Productive Zone</b> Footage <b>From:</b>		300	FNL	1559	FWL
Change of <b>Top of Productive Zone</b> Footage <b>To:</b>		300	FNL	1576	FWL
Current <b>Top of Productive Zone</b> Location	Sec <u>1</u>	Twp <u>9N</u>	Range <u>59W</u>		
New <b>Top of Productive Zone</b> Location	Sec <u>1</u>	Twp <u>9N</u>	Range <u>59W</u>		**

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

FNL

FWL

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

300 FSL

1566 FWL

\*\*

Current **Base of Productive Zone** Location

Sec

Twp

Range

New **Base of Productive Zone** Location

Sec

Twp

Range

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

300 FSL

1549 FWL

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

210 FSL

1567 FWL

\*\*

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: 2916 Feet  
 Building Unit: 5280 Feet  
 Public Road: 286 Feet  
 Above Ground Utility: 434 Feet  
 Railroad: 5280 Feet  
 Property Line: 316 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: 300 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: 594 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
NIOBRARA	NBRR	535-1270	640	Sec. 1: ALL			X	





<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	Alluvial Fill	0	0	205	205	0-500	USGS	TDS from sample sites USGS-404200104042401( 836 mg/mL), USGS-410223104065901( 369mg/mL)
Groundwater	Fox Hills	205	205	524	524	0-500	USGS	TDS from sample sites USGS-410233104093201 (384mg/mL)
Confining Layer	Pierre	524	524	1212	1194			
Groundwater	Upper Pierre Porosity	1212	1194	1579	1542	501-1000	Other	CO DNR Report Project Number 2141
Confining Layer	Pierre	1579	1542	3626	3482			
Hydrocarbon	Parkman	3626	3482	4052	3886			
Confining Layer	Pierre	4052	3886	4320	4140			
Hydrocarbon	Sussex	4320	4140	4661	4463			
Hydrocarbon	Shannon	4661	4463	5526	5283			
Confining Layer	Pierre	5526	5283	6211	5884			
Hydrocarbon	Sharon Springs	6211	5884	6292	5934			
Hydrocarbon	Niobrara	6292	5934	11498	6050			

**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 OGDP:

- |  |  |
|--|--|
| <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 OGDP |
| <input type="checkbox"/> Other   |  |

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

**Best Management Practices**

**No BMP/COA Type**

**Description**

<b>No BMP/COA Type</b>	<b>Description</b>

Operator Comments:

Verdad requests to change SHL, TPZ, BHL and objective formation to optimize productive lateral and spacing.

Distance to the nearest well in the same formation is Timbro 0101 03H measured in 2D.

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 300' FSL and 1566' FWL of Section 1. 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: 10/15/2021

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

COGCC Approved: Wolfe, Stephen Date: 11/8/2021

#### CONDITIONS OF APPROVAL, IF ANY:

#### Condition of Approval

#### COA Type

#### Description

	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.
	This sundry makes changes to the approved APD and shall be displayed along with the APD in the doghouse while this well is being drilled.
2 COAs	

#### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Permitting review complete.	11/07/2021
Permit	Returned to draft per operator request.	10/07/2021
Engineer	Updated proposed_depth in well update.	08/24/2021

Total: 3 comment(s)

#### Attachment List

<u>Att Doc Num</u>	<u>Name</u>
402761046	SUNDRY NOTICE APPROVED-LOC-SFTY-STBK-OBJ-DRLG-CSG-DOC
402842057	DIRECTIONAL DATA
402842058	WELL LOCATION PLAT
402842059	DEVIATED DRILLING PLAN
402864287	FORM 4 SUBMITTED

Total Attach: 5 Files