

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

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DE	ET	OE	ES
Document Number: <b>402761220</b>			
Date Received: <b>10/15/2021</b>			

**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 51085 00 ID Number: 476962

Name: Timbro Number: 0101-11H

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 40.786593    Longitude -103.924287

GPS Quality Value: 1.5    Type of GPS Quality Value: PDOP    Measurement Date: 03/17/2018

Well Ground Elevation: 4937 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>		<u>356</u>	<u>FNL</u>	<u>2017</u>	<u>FEL</u>
Change of <b>Surface</b> Footage <b>To:</b>		<u>316</u>	<u>FNL</u>	<u>1929</u>	<u>FEL</u>
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>		<u>300</u>	<u>FNL</u>	<u>1834</u>	<u>FEL</u>
Change of <b>Top of Productive Zone</b> Footage <b>To:</b>		<u>300</u>	<u>FNL</u>	<u>1830</u>	<u>FEL</u> **
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

FEL

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:**

300 FSL

1823 FEL

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

210 FSL

1819 FEL

\*\*

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: 2955 Feet  
 Building Unit: \_\_\_\_\_ Feet  
 Public Road: \_\_\_\_\_ 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? \_\_\_\_\_

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
NIOBRARA	NBRR	535-1270	640	Sec. 1:ALL			X	



Comments:

**ENGINEERING AND ENVIRONMENTAL WORK**

NOTICE OF CONTINUED TEMPORARILY ABANDONED STATUS

Indicate why the well is temporarily abandoned and describe future plans for utilization 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 10/14/2021

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

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

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:**

Change SHL, TPZ, BHL and objective formation

**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	1610	437	1610	0
1ST	8+1/2	5+1/2	P110	20	0	11260	1505	11260	0

**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	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	1200	1194			
Groundwater	Upper Pierre Porosity	1200	1194	1552	1542	501-1000	Other	CO DNR Report Project Number 2141
Confining Layer	Pierre	1552	1542	3512	3482			
Hydrocarbon	Parkman	3512	3482	3920	3886			
Confining Layer	Pierre	3920	3886	4176	4140			
Hydrocarbon	Sussex	4176	4140	4503	4463			
Hydrocarbon	Shannon	4503	4463	5331	5283			
Confining Layer	Pierre	5331	5283	5992	5884			
Hydrocarbon	Sharon Springs	5992	5884	6072	5934			
Hydrocarbon	Niobrara	6072	5934	11260	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:

[Empty text box for 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:

[Empty text box for location changes]

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:

- 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 OGDP
- Other

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

[Empty text box for proposed changes description]

<b>Best Management Practices</b>	
<b>No BMP/COA Type</b>	<b>Description</b>

Operator Comments:

Verdad requests to revise the SHL, TPZ, BHL and objective formation to optimize productive lateral length and spacings.

The distance to the nearest well in the same formation is Timbro 0101 13H 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 1819 FEL 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**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
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**

<b><u>Att Doc Num</u></b>	<b><u>Name</u></b>
402761220	SUNDRY NOTICE APPROVED-LOC-SFTY-STBK-OBJ-DRLG-CSG-DOC
402842159	DIRECTIONAL DATA
402842162	WELL LOCATION PLAT
402842164	DEVIATED DRILLING PLAN
402864360	FORM 4 SUBMITTED

Total Attach: 5 Files