

**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: <b>401218901</b>			
Date Received: <b>06/20/2017</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: 10611 Contact Name David Clarkson  
Name of Operator: LONGS PEAK RESOURCES LLC Phone: (720) 542-9516  
Address: 2323 S SHEPHERD SUITE 1150 Fax: ( )  
City: HOUSTON State: TX Zip: 77019 Email: dclarkson@vrtxep.com

Complete the Attachment  
Checklist

OP OGCC

API Number : 05- 123 40437 00 OGCC Facility ID Number: 439454  
Well/Facility Name: Avila East Federal Well/Facility Number: 32-29-20-1-3CH  
Location QtrQtr: NENE Section: 32 Township: 12N Range: 65W Meridian: 6  
County: WELD Field Name: WILDCAT  
Federal, Indian or State Lease Number: \_\_\_\_\_

Survey Plat		
Directional Survey		
Srvc Eqpmt Diagram		
Technical Info Page		
Other		

**CHANGE OF LOCATION OR AS BUILT GPS REPORT**

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

\* Well location change requires new plat. A substantive surface location change may require new Form 2A.

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

Latitude 40.970110 PDOP Reading 1.2 Date of Measurement 01/25/2017  
Longitude -104.678900 GPS Instrument Operator's Name Scott Estabrooks

**LOCATION CHANGE (all measurements in Feet)**

Well will be: HORIZONTAL (Vertical, Directional, Horizontal)

Change of **Surface** Footage **From** Exterior Section Lines:

Change of **Surface** Footage **To** Exterior Section Lines:

Current **Surface** Location **From** QtrQtr NENE Sec 32

New **Surface** Location **To** QtrQtr NENE Sec 32

Change of **Top of Productive Zone** Footage **From** Exterior Section Lines:

Change of **Top of Productive Zone** Footage **To** Exterior Section Lines:

Current **Top of Productive Zone** Location **From** Sec 29

New **Top of Productive Zone** Location **To** Sec 29

Change of **Bottomhole** Footage **From** Exterior Section Lines:

Change of **Bottomhole** Footage **To** Exterior Section Lines:

Current **Bottomhole** Location Sec 17 Twp 12N

New **Bottomhole** Location Sec 17 Twp 12N

Is location in High Density Area? No

Distance, in feet, to nearest building 4236, public road: 249, above ground utility: 289, railroad: 5280,  
property line: 365, lease line: 0, well in same formation: 660

Ground Elevation 5977 feet Surface owner consultation date \_\_\_\_\_

FNL/FSL		FEL/FWL	
<u>420</u>	<u>FNL</u>	<u>700</u>	<u>FEL</u>
<u>365</u>	<u>FNL</u>	<u>725</u>	<u>FEL</u>
Twp <u>12N</u>	Range <u>65W</u>	Meridian <u>6</u>	
Twp <u>12N</u>	Range <u>65W</u>	Meridian <u>6</u>	
<u>500</u>	<u>FSL</u>	<u>1980</u>	<u>FEL</u>
<u>330</u>	<u>FSL</u>	<u>2255</u>	<u>FEL</u> **
Twp <u>12N</u>	Range <u>65W</u>		
Twp <u>12N</u>	Range <u>65W</u>		
<u>37</u>	<u>FSL</u>	<u>1980</u>	<u>FEL</u>
<u>30</u>	<u>FSL</u>	<u>2255</u>	<u>FEL</u> **

\*\* attach deviated drilling plan

**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>
CODELL	CODL	535-795	1343	Sec 17, 20, 29: All

**OTHER CHANGES**

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

☒ **CHANGE OF WELL, FACILITY OR OIL & GAS LOCATION NAME OR NUMBER**

From: Name AVILA EAST FEDERAL Number 32-29-20-1-3CH Effective Date: 03/10/2017

To: Name Avila East Federal Number 2920-8CH

☐ **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 905)

☐ 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 908)

OIL & 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 CONFIDENTIAL STATUS**

☐ **DIGITAL WELL LOG UPLOAD**

☐ **DOCUMENTS SUBMITTED** Purpose of Submission: \_\_\_\_\_

**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

##### ☐ NOTICE OF CONTINUED TEMPORARILY ABANDONED STATUS

Indicate why the well is temporarily abandoned and describe future plans for utilization in the COMMENTS box below or provide as an attachment, as required by Rule 319.b.(3).

Date well temporarily abandoned \_\_\_\_\_ Has Production Equipment been removed from site? \_\_\_\_\_

Mechanical Integrity Test (MIT) required if shut in longer than 2 years. Date of last MIT \_\_\_\_\_

☐ SPUD DATE: \_\_\_\_\_

#### 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 Approximate Start Date 10/01/2017

☐ REPORT OF WORK DONE Date Work Completed \_\_\_\_\_

- |  |   |  |
|--|---|--|
| <input type="checkbox"/> Intent to Recomplete (Form 2 also required) | <input type="checkbox"/> Request to Vent or Flare   | <input type="checkbox"/> E&P Waste Mangement Plan      |
| <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"/> Rule 502 variance requested. Must provide detailed info regarding request. |  |
| <input type="checkbox"/> Other _____                                 | <input type="checkbox"/> Status Update/Change of Remediation Plans for Spills and Releases          |  |

#### COMMENTS:

We're changing to oil based drilling fluids. Disposal of driling fluids and cuttings is commercial disposal at Waste Management's North Weld facility in Ault, CO.

#### CASING AND CEMENTING CHANGES

Casing Type	Size	Of	/	Hole	Size	Of	/	Casing	Wt/Ft	Csg/LinTop	Setting Depth	Sacks of Cement	Cement Bottom	Cement Top
Conductor Casing	20				16				64	0	80	460	80	0
Surface String	13	1		2	9	5		8	36	0	2460	795	2460	0
First String	8	3		4	5	1		2	17	0	19487	3100	19487	7700

#### H2S REPORTING

**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:

Best Management Practices		
No	BMP/COA Type	Description

**Operator Comments:**

May hearing date for docket #170500211 establishing DSU for 7 Niobrara & 6 Codell horizontal wells on approximately 1343 acres in Sec 17, 20 & 29, T12N, R65W with 300' setbacks and minimum 150' between wellbores in the same formation.

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

Signed: \_\_\_\_\_ Print Name: David Clarkson  
 Title: Permit Agent Email: dclarkson@vrtxep.com Date: 6/20/2017

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

COGCC Approved: GARRISON, PENNY Date: 9/7/2017

**CONDITIONS OF APPROVAL, IF ANY:**

**COA Type****Description**

	Longs Peak shall perform an anti-collision evaluation of all active existing offset wellbores prior to drilling this proposed well. If an active existing wellbore is 150' or less from this proposed wellbore, Longs Peak shall notify the operator of that well prior to drilling this proposed well. If any portion of the treated interval of this proposed well will be within 150' of the treated interval of another operator's existing or permitted wellbore, Longs Peak shall submit (via Form 4 for this proposed well) a stimulation consent signed by the operator of that well prior to spudding this proposed well.
	1) This Sundry Notice Form 4 authorizes changes the drilling/casing/cementing program as shown on the Drilling Permit Form 2 and must be visibly posted with the permit during drilling. 2) Oil-based drilling fluid is to be used only after all aquifers are covered.

**General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	Per operator added COA and spacing order. Permitting Review Complete.	09/07/2017
Engineer	Change to Oil Based Mud requires a sundry to change to OBM on location #439450 before the well can be changed. Return to draft.	04/24/2017
Permit	ON HOLD: w/o spacing order. May hearing date for docket #170500211 .	04/14/2017

Total: 3 comment(s)

**Attachment Check List**

<b><u>Att Doc Num</u></b>	<b><u>Name</u></b>
401218901	SUNDRY NOTICE APPROVED-LOC-OBJ-NAME-DRLG-CSG
401219038	DIRECTIONAL DATA
401219039	DEVIATED DRILLING PLAN
401219040	WELL LOCATION PLAT
401230571	SURFACE AGRMT/SURETY
401397924	FORM 4 SUBMITTED

Total Attach: 6 Files