

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: 401517982			
Date Received: 01/30/2018			

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: 10531 Contact Name Scott Ghan
 Name of Operator: VANGUARD OPERATING LLC Phone: (970) 876.1959
 Address: 5847 SAN FELIPE #3000 Fax: ()
 City: HOUSTON State: TX Zip: 77057 Email: sghan@vnrenergy.com

Complete the Attachment
Checklist

OP OGCC

API Number : 05- 045 23534 00 OGCC Facility ID Number: 450784
 Well/Facility Name: Federal GGU Well/Facility Number: 23A-28-691
 Location QtrQtr: SWSW Section: 28 Township: 6S Range: 91W Meridian: 6
 County: GARFIELD Field Name: MAMM CREEK
 Federal, Indian or State Lease Number: COC-041048

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 _____ PDOP Reading _____ Date of Measurement _____
 Longitude _____ GPS Instrument Operator's Name _____

LOCATION CHANGE (all measurements in Feet)

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

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

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

Current **Surface** Location **From** QtrQtr SWSW Sec 28

New **Surface** Location **To** QtrQtr _____ Sec _____

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 28

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

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

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

Current **Bottomhole** Location Sec 28 Twp 6S

New **Bottomhole** Location Sec _____ Twp _____

Is location in High Density Area? _____

Distance, in feet, to nearest building _____, public road: _____, above ground utility: _____, railroad: _____,

property line: _____, lease line: _____, well in same formation: _____

Ground Elevation _____ feet Surface owner consultation date _____

FNL/FSL		FEL/FWL	
995	FSL	552	FWL
Twp <u>6S</u>	Range <u>91W</u>	Meridian <u>6</u>	
Twp _____	Range _____	Meridian _____	
1458	FSL	1996	FWL
Twp <u>6S</u>	Range <u>91W</u>		
Twp _____	Range _____		
1458	FSL	1996	FWL
Twp _____	Range _____		

**

**

** attach deviated drilling plan

CHANGE OR ADD OBJECTIVE FORMATION AND/OR SPACING UNIT				
Objective Formation	Formation Code	Spacing Order Number	Unit Acreage	Unit Configuration

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
 FEDERAL GGU
 Number
 23A-28-691
 Effective Date:

To:
 Name
 Number

☐ 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 02/10/2018

☐ 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 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 checked="" type="checkbox"/> Other <u>Request to Complete</u> | <input type="checkbox"/> Status Update/Change of Remediation Plans for Spills and Releases | |

COMMENTS:

Vanguard Operating LLC respectfully requests approval to start completion operations on the Federal GGU 23A-28-691 well on February 10, 2018. Attached please find the CBL, wellbore diagram and temperature survey.

Well: Federal GGU 23A-28-691
API No.: 05-045-23534
Temp Survey Run date: 12/7/2017
TOC from survey: 1867'
Top of Gas: 5,049'
Anticipated Top Perf 5,064'

12/7/2017@ 15:45/ 0 PSI BRAIDEN HEAD @ 0 HRS
12/7/2017@ 19:45/ 0 PSI BRAIDEN HEAD @ 4 HRS*
12/7/2017@ 21:45/ 0 PSI BRAIDEN HEAD @ 6 HRS*
12/8/2017@ 03:45/ 0 PSI BRAIDEN HEAD @ 12 HRS*
12/8/2017@ 15:45/ 0 PSI BRAIDEN HEAD @ 24 HRS*
12/9/2017@ 15:45/ 0 PSI BRAIDEN HEAD @ 48 HRS*
12/10/2017@ 15:45/ 0 PSI BRAIDEN HEAD @ 72 HRS*
FLUID FELL 0" / 0 GAL FLUID NEEDED TO FILL ANNULUS*

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

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

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Operator Comments:

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

Signed: _____ Print Name: Julie Webb
Title: Sr. Regulatory Analyst Email: jwebb@progressivepcs.net Date: 1/30/2018

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

COGCC Approved: BURGER, CRAIG Date: 2/1/2018

CONDITIONS OF APPROVAL, IF ANY:**COA Type****Description**

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General Comments**User Group****Comment****Comment Date**

Permit	Operator requested to defer running the CBL on this well. Deferment was granted 12/11/17.	01/31/2018
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Total: 1 comment(s)

Attachment Check List**Att Doc Num****Name**

401517982	SUNDRY NOTICE APPROVED-OTHER-LOG
401518029	PDF-CEMENT BOND
401529044	LAS-TEMPERATURE
401529048	PDF-TEMPERATURE
401529062	WELLBORE DIAGRAM
401532858	FORM 4 SUBMITTED

Total Attach: 6 Files