

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: 402020925 | | | |
| Date Received: 04/25/2019 | | | |

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: 10598 Contact Name Diane Overbey
 Name of Operator: SANDRIDGE EXPLORATION & PRODUCTION LLC Phone: (405) 429-5828
 Address: 123 ROBERT S KERR AVE Fax: ()
 City: OKLAHOMA CITY State: OK Zip: 73102 Email: doverbey@sandridgeenergy.com

Complete the Attachment
Checklist

OP OGCC

API Number : 05- 057 06617 00 OGCC Facility ID Number: 462054
 Well/Facility Name: Patriot 0880 Well/Facility Number: 14-32H5
 Location QtrQtr: SWSE Section: 29 Township: 8N Range: 80W Meridian: 6
 County: JACKSON Field Name: WILDCAT
 Federal, Indian or State Lease Number: _____

| | | |
|---------------------|--|--|
| Survey Plat | | |
| Directional Survey | | |
| Srfc 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 SWSE Sec 29

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 32

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 5 Twp 7N

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 | |
|---------------|------------------|-------------------|------------|
| <u>91</u> | <u>FSL</u> | <u>2129</u> | <u>FEL</u> |
| _____ | _____ | _____ | _____ |
| Twp <u>8N</u> | Range <u>80W</u> | Meridian <u>6</u> | |
| Twp _____ | Range _____ | Meridian _____ | |
| <u>600</u> | <u>FNL</u> | <u>660</u> | <u>FEL</u> |
| _____ | _____ | _____ | _____ |
| Twp <u>8N</u> | Range <u>80W</u> | | |
| Twp _____ | Range _____ | | |
| <u>100</u> | <u>FSL</u> | <u>660</u> | <u>FEL</u> |
| _____ | _____ | _____ | _____ |
| Twp _____ | Range <u>80W</u> | | |
| Twp _____ | Range _____ | | |

**

**

** attach deviated drilling plan

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 08/01/2019

REPORT OF WORK DONE Date Work Completed _____

| | | |
|--|---|--|
| <input type="checkbox"/> Intent to Recomplete (Form 2 also required) | <input checked="" 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 type="checkbox"/> Other _____ | <input type="checkbox"/> Status Update/Change of Remediation Plans for Spills and Releases | |

COMMENTS:

As per verbal approval, SandRidge respectfully requests the right to flare this well due to the following circumstances. 1) The closest/most practical pipeline tie-in point is over 100 miles away. 2) It will take several years to construct a pipeline to said tie-in point, once required ROW and permits are obtained. Additionally, construction will cost over \$50 million, and traverse BLM land. 3) An average of ~300-500 mcf/d will be flared for the year, and then will decline in subsequent years. The BTU content of the gas is ~1250-1350 and expected H2S <1 ppm. 4) SandRidge commenced use of a MRU located just south of the Bighorn CTB in Dec. 2018 and a GTL at the same location in Q1 of 2019, which will both assist in controlling emissions and convert produced gas into a marketable product. SandRidge will continue to comply with Rule 805b (1), Rule 912, monthly reporting of flared volumes (via Form 7), employ CDPHE approved flaring methods (enclosed flares) and permit all enclosed flares/combustors with CDPHE. Lastly, SandRidge has an internal air compliance team, as well as a Colorado-based environmental consultant to assist with monitoring air, combustor testing and environmental compliance.

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:

| <u>Best Management Practices</u> | |
|---|---------------------------|
| <u>No BMP/COA Type</u> | <u>Description</u> |
| | |

Operator Comments:

Gas analysis has not been obtained for this well. Attached is the most recent gas analysis for a nearby well, Peterson Ridge 1-20 (API 057-06515). A gas analysis for this well will be submitted to COGCC once obtained.

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

Signed: _____ Print Name: Diane Overbey
Title: Regulatory Analyst II Email: doverbey@sandridgeenergy.com Date: 4/25/2019

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: 8/15/2019

CONDITIONS OF APPROVAL, IF ANY:

| <u>COA Type</u> | <u>Description</u> |
|-----------------|---|
| | 1.Flaring of natural gas shall comply with COGCC Rule 912. 2.The unnecessary or excessive venting or flaring of produced natural gas is prohibited. 3.Operator is to provide prior notification to the local emergency dispatch or the local governmental designee of any flaring or venting event. 4.An Operator Monthly Report of Operations, Form 7, requires the reporting of flared, vented or used on the lease gas volumes. The reported volume includes flowback and production gas. 5.The operator is required to obtain and maintain any required air permits from CDPHE. 6. Submit an updates when this approval expires (request to flare) to COGCC on Form 4s (Sundry Notices), including all information specified in COGCC's "Notice to Operators, Rule 912 Venting or Flaring Produced Natural Gas - Statewide." 7.Within 30 days of commencement of flaring: collect a gas sample for laboratory analysis including hydrogen sulfide and submit a Form 43 to upload the laboratory results to the COGCC Environmental Database. Form 43 instructions are on COGCC's website under Regulation => Forms => Form 43 COGCC Environmental Database. 8.This approval is good until February 15, 2020. |

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|-------------------|----------------|---------------------|
| | | Stamp Upon Approval |

Total: 0 comment(s)

Attachment Check List

| <u>Att Doc Num</u> | <u>Name</u> |
|--------------------|-----------------------------------|
| 402020925 | SUNDRY NOTICE APPROVED-VENT_FLARE |
| 402020935 | GAS ANALYSIS REPORT |
| 402146394 | FORM 4 SUBMITTED |

Total Attach: 3 Files