

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>401316281</u> | | | |
| Date Received: <u>06/22/2017</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: | 10598 | Contact Name | Spence Laird |
| Name of Operator: | SANDRIDGE EXPLORATION & PRODUCTION LLC | | Phone: (405) 4296518 |
| Address: | 123 ROBERT S KERR AVE | | Fax: () |
| City: | OKLAHOMA CITY | State: | OK |
| Zip: | 73102 | Email: | slaird@sandridgeenergy.com |

Complete the Attachment Checklist

OP OGCC

| | | | | | | | | |
|--|---------|--------------|----------|-------------|-----------|--------------------------|-----------|--------|
| API Number : | | 05- | 057 | 06585 | 00 | OGCC Facility ID Number: | | 447872 |
| Well/Facility Name: | | Bighorn 0780 | | | | Well/Facility Number: | | 1-17 |
| Location | QtrQtr: | NENW | Section: | 17 | Township: | 7N | Range: | 80W |
| | | | | | | | Meridian: | 6 |
| County: | | JACKSON | | Field Name: | | WILDCAT | | |
| Federal, Indian or State Lease Number: | | | | | | | | |

| | | |
|---------------------|--|--|
| Survey Plat | | |
| Directional Survey | | |
| Srvc Eqpmnt 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 **NENW** Sec **17**

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 | |
|---|-----|--|

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 Twp

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 | |
|---------|-----------|----------------------------------|-----|
| 325 | FNL | 1890 | FWL |
| | | | |
| Twp 7N | Range 80W | Meridian 6 | |
| Tw | Range | Meridian | |
| | | | |
| | | | ** |
| Twp | Range | | |
| Twp | Range | | |
| | | | |
| | | | ** |
| Range | | ** attach deviated drilling plan | |
| Range | | | |

** 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> |
|----------------------------|-----------------------|-----------------------------|---------------------|---------------------------|
| | | | | |

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 BIGHORN 0780 Number 1-17 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 06/30/2017

☐ REPORT OF WORK DONE Date Work Completed _____

- ☐ Intent to Recomplete (Form 2 also required)
- ☐ Request to Vent or Flare
- ☐ E&P Waste Mangement Plan
- ☒ Change Drilling Plan
- ☐ Repair Well
- ☐ Beneficial Reuse of E&P Waste
- ☐ Gross Interval Change
- ☐ Rule 502 variance requested. Must provide detailed info regarding request.
- ☐ Other _____
- ☐ Status Update/Change of Remediation Plans for Spills and Releases

COMMENTS:

SandRidge would like to add intermediate casing to our Bighorn 0780 1-17 well. With adding intermediate casing, this will require us to increase our surface hole and surface casing sizes to 17.5" (hole) and 13 3/8" (csg). Our production hole and casing will stay as originally permitted.

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 | 24 | | | | 20 | | | | | 0 | 90 | 75 | 90 | 0 |
| Surface String | 17 | 1 | | 2 | 13 | 3 | | 8 | 54.5 | 0 | 1000 | 593 | 1000 | 0 |
| First String | 12 | 1 | | 4 | 9 | 5 | | 8 | 40 | 0 | 6900 | 1254 | 6900 | 0 |
| Second String | 8 | 3 | | 4 | 7 | | | | 29 | 0 | 9000 | 700 | 9000 | 0 |

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

| <u>No</u> | | <u>BMP/COA Type</u> | <u>Description</u> |
|------------------|--|----------------------------|---------------------------|
| | | | |

Operator Comments:

SandRidge would like to add intermediate casing to our Bighorn 0780 1-17 well. With adding intermediate casing, this will require us to increase our surface hole and surface casing sizes to 17.5" (hole) and 13 3/8" (csg). Our production hole and casing will stay as originally permitted.

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

Signed: _____ Print Name: Spence Laird
Title: Regulatory Supervisor Email: slaird@sandridgeenergy.com Date: 6/22/2017

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

COGCC Approved: BURGER, CRAIG Date: 6/27/2017

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

1) Operator shall comply with the most current revision of the Northwest Notification Policy.
2) Operator shall provide cement coverage from the intermediate casing shoe (9 5/8" First String) to a minimum of 200' above the surface casing shoe to provide full isolation of the Coalmont Formation. Verify intermediate casing cement coverage with a cement bond log.

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

| | | |
|----------|--|------------|
| Engineer | <p>Changed casing designations from 1st and 2nd liner to 1st and 2nd strings and added conductor per operator.</p> <p>Offset water well check: COGCC evaluated offset water wells within one mile of this proposed well's surface hole location. This information was used in addition to locally-available geophysical logs and hydrogeologic information to evaluate the adequacy of the operator's proposed surface casing setting depth. The deepest water well within one mile is 135 feet.</p> <p>The Coalmont Formation is considered a potential freshwater resource in the North Park Basin (CGS Ground Water Atlas of Colorado, 2003). The proposed surface casing setting depth of 1000' will not cover the entire Coalmont Formation, based on the operator's drilling prognosis in the drilling plan. Minimum cement isolation standards are specified in Condition of Approval #2.</p> | 06/27/2017 |
|----------|--|------------|

Total: 1 comment(s)

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

| | |
|-----------|---------------------------------|
| 401316281 | SUNDRY NOTICE APPROVED-DRLG-CSG |
| 401316328 | OTHER |
| 401321312 | FORM 4 SUBMITTED |

Total Attach: 3 Files