

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: 401467626			
Date Received: 03/06/2018			

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: 10598 Contact Name Spence Laird
 Name of Operator: SANDRIDGE EXPLORATION & PRODUCTION LLC Phone: (405) 420-8415
 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 06597 00 OGCC Facility ID Number: 448974
 Well/Facility Name: Hebron 0781 Well/Facility Number: 1-12H
 Location QtrQtr: Lot 1 Section: 7 Township: 7N 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: 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 Lot 1 Sec 7

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 12

New **Top of Productive Zone** Location **To** Sec 12

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

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

Current **Bottomhole** Location Sec 12 Twp 7N

New **Bottomhole** Location Sec 13 Twp 7N

Is location in High Density Area? _____

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

property line: _____, lease line: 300, well in same formation: 0

Ground Elevation _____ feet Surface owner consultation date _____

FNL/FSL		FEL/FWL	
<u>710</u>	<u>FNL</u>	<u>4</u>	<u>FWL</u>
Twp <u>7N</u>	Range <u>80W</u>	Meridian <u>6</u>	
Twp _____	Range _____	Meridian _____	
<u>1015</u>	<u>FNL</u>	<u>370</u>	<u>FEL</u>
<u>1400</u>	<u>FNL</u>	<u>330</u>	<u>FEL</u> **
Twp <u>7N</u>	Range <u>81W</u>		
Twp <u>7N</u>	Range <u>81W</u>		
<u>300</u>	<u>FSL</u>	<u>330</u>	<u>FEL</u>
<u>300</u>	<u>FSL</u>	<u>330</u>	<u>FEL</u> **
Twp _____	Range <u>81W</u>		
Twp _____	Range <u>81W</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>
NIOBRARA	NBRR	531-54	640	Sec. 12 & 13: E/2

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 HEBRON 0781 Number 1-12H Effective Date: 11/28/2017

To: Name Peters 0781 Number 16-12H13

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 03/17/2018

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 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:

Please see the attached for all drilling changes.

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	26				16	1		4	42	0	90	189	90	0
Surface String	12	1		4	9	5		8	36	0	2100	579	2100	0
First String	8	3		4	5	1		2	20	0	16236	2797	16236	

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:

SandRidge has applied for spacing for a 640 DSU for the E/2 of Section 12 and the E/2 of Section 13 T7N R81W under Temporary Docket 171000760. Temporary Docket 171200877 authorizes one additional well for a total of nine (9) horizontal wells within the 640 DSU. The dockets are scheduled for the December hearing. SandRidge understands that this Sundry Notice will not be approved until the both dockets have been approved.

The Cultural Distances will not change as the surface-hole location has not changed. Distance to the closet well in the same formation was measured to the permitted Coalmont 0781 4-13H. The distance is does not take into account vertical separation. The distance to the nearest well from productive interval to productive interval was measured from the permitted Coalmont 1-13H and is 201 feet taking vertical and horizontal separation into account.

Please contact Kim Rodell or Angela Callaway at krodell@upstreampm.com, or acallaway@upstreampm.com, if you have any questions regarding this permit.

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

Signed: _____ Print Name: Angela Callaway
 Title: Permit Agent Email: acallaway@upstreampm.com Date: 3/6/2018

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

COGCC Approved: ANDREWS, DAVE Date: 3/15/2018

CONDITIONS OF APPROVAL, IF ANY:

COA Type**Description**

	1)A copy of this sundry shall be posted at the wellsite with the previously approved permit to drill. 2) Oil-based drilling fluid is to be used only after all fresh water aquifers are covered. 3) See Form 2 Conditions of Approval for cement top requirement.
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General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Spacing order 531-54 was approved in February 2018. Corrected intended start date from 12/11/2017 to 3/17/3018 and notified operator.	03/15/2018
Permit	I'm returning the forms to draft so that the operator can make changes to the surface casing depth and cement; the casing depth; and update the DS and Data.	03/06/2018
Engineer	Offset Well Evaluation: Offset wells within 1,500 feet of the wellbores planned on this pad are horizontal Niobrara wells. No mitigation required. This well is planned in a lower bench of the Niobrara than the wells on the Open Range 18 location. Planned vertical separation is about 150 feet.	02/01/2018
Permit	Hearing was continued to January 29 & 30, 2018.	12/19/2017
Permit	Waiting until December Hearing for spacing order.	11/29/2017

Total: 5 comment(s)

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401467626	SUNDRY NOTICE APPROVED-LOC-OBJ-NAME-DRLG-CSG
401467636	WELL LOCATION PLAT
401564638	DEVIATED DRILLING PLAN
401564640	DIRECTIONAL DATA
401576502	FORM 4 SUBMITTED

Total Attach: 5 Files