

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: 400988946			
Date Received: 02/15/2016			

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 06536 00 OGCC Facility ID Number: 439660
 Well/Facility Name: Hebron Well/Facility Number: 01-18HR
 Location QtrQtr: NWNE Section: 18 Township: 7N Range: 80W Meridian: 6
 County: JACKSON Field Name: NORTH PARK HORIZONTAL NIOBRARA
 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 NWNE Sec 18

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 18

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 7 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>221</u>	<u>FNL</u>	<u>2419</u>	<u>FEL</u>
_____	_____	_____	_____
Twp <u>7N</u>	Range <u>80W</u>	Meridian <u>6</u>	
Twp _____	Range _____	Meridian _____	
<u>169</u>	<u>FNL</u>	<u>2418</u>	<u>FEL</u>
_____	_____	_____	_____
Twp <u>7N</u>	Range <u>80W</u>		
Twp _____	Range _____		
<u>300</u>	<u>FNL</u>	<u>2310</u>	<u>FEL</u>
_____	_____	_____	_____
Twp _____	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 HEBRON Number 01-18HR 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 02/19/2016

☐ 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:

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
Surface String	12	1		4	9	5		8	36	0	2500	576	2500	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

No	BMP/COA Type	Description

Operator Comments:

SandRidge proposes to change the Surface casing depth and cement. We would like to set the surface casing at 2500' and use 576 sx of cement to circulate to surface, if cement doesn't reach surface, an extra 100 sxs would be used to circulate to surface (0').

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: 2/15/2016

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: 2/16/2016

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

These Conditions of Approval supercede those shown on Form 2 #400596809 and previously-approved Form 4 #400964497 for Hebron 01-18HR.

1) Operator shall comply with the most current revision of the Northwest Notification Policy.

2) Operator shall provide cement coverage from the production casing shoe (5+1/2" First String) to a minimum of 200' above the surface casing shoe to provide full isolation of the Coalmont Formation. Verify production casing cement coverage with a cement bond log. Minimum required top of cement is 2300' (200' above proposed surface casing shoe depth of 2500'). Operator proposes to cement the First String to surface.

3) Operator Agreement, per operator agent email on 1/7/2015: "SandRidge will monitor the production casing and bradenhead pressure throughout the stimulation of Hebron 1-18HR. SandRidge will open the bradenhead of the offset well and plumb to a tank. There is potential of communication in the Niobrara downhole. If the pressure goes up and the surface casing can't hold or if there is a leak in the casing then the pressure will go to the tank and not the formation." COGCC Monitoring Requirements: The operator shall monitor the production casing pressure and the bradenhead pressure of offset well Hebron 2-07H (057-06499). The operator shall install pressure gauges on the Hebron 2-07H well at least 24 hours prior to the operator initiating a treatment on the proposed well. The operator shall monitor the gauges at least once during every 24-hour period until 24 hours after the treatment is completed and shall continue to do so until the pressure stabilizes with allowance for a ten percent daily fluctuation. The pressure gauges shall be capable of monitoring current pressure and also capable of recording the maximum pressure encountered in a 24 hour period. Such gauges shall be reset between each 24 hour period. The pressures shall be recorded and saved for a period of one year. Alternate electronic measurement may be used to record the prescribed pressures.

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

Engineer

Engineering Conditions of Approval for Hebron 01-18HR were originally stated on Form 2 Application for Permit to Drill #400596809, which was submitted by EE3 LLC on 6/16/2014 and approved by COGCC on 11/4/2014.

2/16/2016
5:34:43 PM

EE3 LLC submitted a Form 4 Sundry Notice #400964497 on 1/5/2016 to change the drilling, casing and cementing program for Hebron 01-18HR, which resulted in a change of the horizontal wellbore orientation. The Form 4 was approved by COGCC on 1/7/2016. However, the Conditions of Approval on the Form 4 incorrectly referenced a Form 2 Document Number for an offset well, rather than the Hebron 01-18HR well. The Conditions of Approval stated, "These Conditions of Approval supercede those shown on Form 2 #400958467," the Form 2 Document Number for Hebron 0780 0218H, which remains in process as of 2/16/2016.

The Hebron 01-18HR Form 4 #400964497 should have stated, "These Conditions of Approval supercede those shown on Form 2 #400596809 (the Form 2 for Hebron 01-18HR).

SandRidge Exploration & Production LLC, the current operator of permitted well Hebron 01-18HR well, submitted Form 4 Sundry Notice #400988946 on 2/15/2016 to request surface casing setting depth and cement volume changes for Hebron 01-18HR on this Form 4, approved by COGCC on 2/16/2016.

Total: 1 comment(s)

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

400988946

FORM 4 SUBMITTED

Total Attach: 1 Files