

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
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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: 10447 Contact Name JENNIFER LIND
 Name of Operator: URSA OPERATING COMPANY LLC Phone: (720) 508-8362
 Address: 1050 17TH STREET #1700 Fax: ()
 City: DENVER State: CO Zip: 80265 Email: JLIND@URSARESOURCES.COM

Complete the Attachment
Checklist

OP OGCC

API Number : 05- 045 22718 00 OGCC Facility ID Number: 440646
 Well/Facility Name: B&V Well/Facility Number: 13A-07-07-95
 Location QtrQtr: NWSW Section: 7 Township: 7S Range: 95W Meridian: 6
 County: GARFIELD 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 NWSW 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 7

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 7S

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>1942</u>	<u>FSL</u>	<u>601</u>	<u>FWL</u>
_____	_____	_____	_____
Twp <u>7S</u>	Range <u>95W</u>	Meridian <u>6</u>	
Twp _____	Range _____	Meridian _____	
<u>2573</u>	<u>FSL</u>	<u>580</u>	<u>FWL</u>
_____	_____	_____	_____
Twp <u>7S</u>	Range <u>95W</u>		
Twp _____	Range _____		
<u>2573</u>	<u>FSL</u>	<u>580</u>	<u>FWL</u>
_____	_____	_____	_____
Twp <u>7S</u>	Range <u>95W</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 03/22/2017

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:

Bradenhead pressure in excess of 200 psi has recently been observed on this well. Ursa proposes to continue monitoring the pressure and to vent bradenhead gas as necessary to stay below a pressure calculated as 25% the TVD of the surface casing shoe, which equals 425 psi. Wellbore information is as follows:

Stable bradenhead pressure: 380 psi
 Surface casing shoe depth: 1747' MD / 1727' TVD
 Production casing run date: 1/26/17
 Production cement job details: Full returns throughout job, trace of spacer to surface. Cement top should be well into the surface casing.

Bradenhead behavior: Bradenhead pressure was first observed approximately 11 days after the production casing cement job, and has slowly built over time. The pressure bleeds down quickly when the bradenhead valve is opened. Only dry gas flows out. No liquids have been observed. It takes approximately 24-48 hours to build back up to the stable pressure of 380 psi.

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

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

Operator Comments:

PLEASE SEE COMMENTS ON ENGINEERING / ENVIRONMENTAL TAB FOR ADDITIONAL INFORMATION.

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

Signed: _____ Print Name: JENNIFER LIND
Title: REGULATORY MANAGER Email: JLIND@URSARESOURCES.COM Date: 3/24/2017

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: 4/10/2017

CONDITIONS OF APPROVAL, IF ANY:

COA Type

Description

	<p>1)Intermittent venting to maintain the bradenhead pressure below 0.25 times the surface casing setting depth (TVD) in psi is approved. Provide an annual update with the bradenhead pressure and number of times the annulus was vented.</p> <p>2)COGCC staff encourages the use of a combustor for vented bradenhead gas when feasible without the use of supplemental fuel for the combustor. An enclosed flare shall be used, unless an open flare is specifically allowed by Colorado Department of Public Health and Environment (CDPHE) Regulation 7.</p> <p>3)Comply with any CDPHE, Air Pollution Control Division rules or requirements for all atmospheric discharges.</p> <p>4)Any liquids blown down are to be collected, stored, handled, and treated or disposed as E&P waste per COGCC's 900 series rules.</p> <p>5)Annular spaces shall not be tied to sales without COGCC engineering approval on a Sundry Notice, Form 4, describing equipment configuration, proper pressure regulation and check valves. At least one check valve is required for annular spaces that are tied to sales. Maintain equipment for pressure regulation and check valves in good working order.</p>
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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>
401241519	SUNDRY NOTICE APPROVED-VENT_FLARE
401254312	FORM 4 SUBMITTED

Total Attach: 2 Files