

State of Colorado Oil and Gas Conservation Commission

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DE	ET	OE	ES
Document Number: 401454459			
Date Received: 11/09/2017			

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: 10661 Contact Name Abigail Wenk
 Name of Operator: BISON OIL & GAS II LLC Phone: (720) 644-6997
 Address: 518 17TH STREET #1800 Fax: ()
 City: DENVER State: CO Zip: 80202 Email: awenk@bisonog.com

Complete the Attachment
Checklist

OP OGCC

API Number : 05- 123 45842 00 OGCC Facility ID Number: 452981
 Well/Facility Name: Castor 8-59 Well/Facility Number: 19-24-12
 Location QtrQtr: NESE Section: 19 Township: 8N Range: 59W Meridian: 6
 County: WELD Field Name: WILDCAT
 Federal, Indian or State Lease Number: _____

Survey Plat		
Directional Survey		
Srvc 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 NESE Sec 19

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 19

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 24 Twp 8N

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>1533</u>	<u>FSL</u>	<u>410</u>	<u>FEL</u>
_____	_____	_____	_____
Twp <u>8N</u>	Range <u>59W</u>	Meridian <u>6</u>	
Twp _____	Range _____	Meridian _____	
<u>1834</u>	<u>FSL</u>	<u>600</u>	<u>FEL</u>
_____	_____	_____	_____
Twp <u>8N</u>	Range <u>59W</u>		
Twp _____	Range _____		
<u>1826</u>	<u>FSL</u>	<u>2340</u>	<u>FEL</u>
_____	_____	_____	_____
Twp <u>8N</u>	Range <u>60W</u>		
Twp _____	Range _____		

**

**

** attach deviated drilling plan

CHANGE OR ADD OBJECTIVE FORMATION AND/OR SPACING UNIT				
Objective Formation	Formation Code	Spacing Order Number	Unit Acreage	Unit Configuration

<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
 CASTOR 8-59
 Number
 19-24-12
 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 _____

☐ 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:

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

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

Operator Comments:

Bison Oil and Gas II, LLC respectfully requests confidential status for the drilling, completion and production for the Castor 8-59 19-24-12 horizontal well on the basis of new stimulation and drilling techniques in an area that has geologic and economic risks. Bison will be utilizing a stimulation design that has not been utilized in the prospect area that could substantially enhance well performance in an area that has historically been proved uneconomic. Bison's modified drilling and completion techniques were utilized in a drilling prospect in Arapahoe County that increased productivity to nearly 3x direct offset wells and the confidential status that was granted on that prospect by the COGCC allowed for Bison to lease in the area based on the results which greatly enhanced the value of the company and allowed for Bison to capitalize on the risk that was taken. The specific drilling and completion items that Bison will implement that is different from any well in the prospect area are the utilization of cemented monobore production casing, modified FR slickwater fluid system, modified wine-rack well spacing, and a 300 percent increase in sand placement compared to offset wells. Bison is taking a substantial risk to drill in this area given that offset wells are uneconomic and operators are currently running zero drilling rigs in the immediate area.

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

Signed: _____ Print Name: Abigail Wenk
Title: Regulatory Manager Email: awenk@bisonog.com Date: 11/9/2017

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

COGCC Approved: Trask, Sabrina Date: 11/27/2017

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

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

Permit	Confidentiality granted; described drilling and completion techniques meet exploratory definition.	11/27/2017
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Total: 1 comment(s)

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

401454459	SUNDRY NOTICE APPROVED-CONF
401467937	FORM 4 SUBMITTED

Total Attach: 2 Files