

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203
Phone: (303) 894-2100 Fax: (303) 894-2109



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|--------------------------------------|----|----|----|
| DE | ET | OE | ES |
| Document Number: 401568783 | | | |
| Date Received: 03/08/2018 | | | |

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: 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 46460 00 OGCC Facility ID Number: 454220
Well/Facility Name: Hunt 8-60 Well/Facility Number: 6C-5-6
Location QtrQtr: Lot 7 Section: 6 Township: 8N Range: 60W 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 Lot 7 Sec 6

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 6

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 5 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>1297</u> | <u>FSL</u> | <u>660</u> | <u>FWL</u> |
| _____ | _____ | _____ | _____ |
| Twp <u>8N</u> | Range <u>60W</u> | Meridian <u>6</u> | |
| Twp _____ | Range _____ | Meridian _____ | |
| <u>1432</u> | <u>FSL</u> | <u>600</u> | <u>FWL</u> |
| _____ | _____ | _____ | _____ |
| Twp <u>8N</u> | Range <u>60W</u> | | |
| Twp _____ | Range _____ | | |
| <u>1494</u> | <u>FSL</u> | <u>300</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 |
| | | | | |

| | | | |
|---|--|---|-------------------------------------|
| OTHER CHANGES | | | |
| <input type="checkbox"/> | REMOVE FROM SURFACE BOND | Signed surface use agreement is a required attachment | |
| <input type="checkbox"/> | CHANGE OF WELL, FACILITY OR OIL & GAS LOCATION NAME OR NUMBER | | |
| From: | Name | HUNT 8-60 | Number 6C-5-6 Effective Date: _____ |
| To: | Name | _____ | Number _____ |
| <input type="checkbox"/> | ABANDON PERMIT: Permit can only be abandoned if the permitted operation has NOT been conducted. Field inspection will be conducted to verify site status. | | |
| <input type="checkbox"/> | WELL: Abandon Application for Permit-to-Drill (Form2) – Well API Number _____ has not been drilled. | | |
| <input type="checkbox"/> | 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) | | |
| <input type="checkbox"/> | 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: _____ | | | |
| <input type="checkbox"/> | Abandon Oil & Gas Location Assessment (Form 2A) – Location has not been constructed and site will not be used in the future. | | |
| <input type="checkbox"/> | 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. | | | |
| <input checked="" type="checkbox"/> | REQUEST FOR CONFIDENTIAL STATUS | | |
| <input type="checkbox"/> | DIGITAL WELL LOG UPLOAD | | |
| <input type="checkbox"/> | 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 _____

- | | | |
|--|---|--|
| <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 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 |
|-------------|------|----|---|------|------|----|---|--------|-------|------------|---------------|-----------------|---------------|------------|
| | | | | | | | | | | | | | | |

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 Hunt 8-60 6C-5-6 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 have only recently started running a very small number of drilling rigs in the immediate area therefore, there is very little new well data available.

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: 3/8/2018

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

COGCC Approved: Deater, Shanelle Date: 4/24/2018

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

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

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

| | | |
|--|--|------------------------|
| | | Stamp Upon Approval |
|--|--|------------------------|

Total: 0 comment(s)

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

| | |
|-----------|-----------------------------|
| 401568783 | SUNDRY NOTICE APPROVED-CONF |
| 401617853 | FORM 4 SUBMITTED |

Total Attach: 2 Files