

**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:<br><b>400953951</b> |    |    |    |
| Date Received:<br><b>12/14/2015</b>  |    |    |    |

**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: 10459 Contact Name Josh Carlisle  
 Name of Operator: EXTRACTION OIL & GAS LLC Phone: (720) 481-2372  
 Address: 370 17TH STREET SUITE 5300 Fax: ( )  
 City: DENVER State: CO Zip: 80202 Email: jcarlisle@extractionog.com

Complete the Attachment  
Checklist

OP OGCC

API Number : 05- 123 42263 00 OGCC Facility ID Number: 443526  
 Well/Facility Name: Meador Well/Facility Number: 4  
 Location QtrQtr: SESW Section: 5 Township: 11N Range: 63W Meridian: 6  
 County: WELD 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 SESW Sec 5

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 5

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 32 Twp 12N

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>350</u>     | <u>FSL</u>       | <u>2574</u>       | <u>FWL</u> |
| _____          | _____            | _____             | _____      |
| Twp <u>11N</u> | Range <u>63W</u> | Meridian <u>6</u> |            |
| Twp _____      | Range _____      | Meridian _____    |            |
| <u>300</u>     | <u>FSL</u>       | <u>660</u>        | <u>FWL</u> |
| _____          | _____            | _____             | _____      |
| Twp <u>11N</u> | Range <u>63W</u> |                   |            |
| Twp _____      | Range _____      |                   |            |
| <u>300</u>     | <u>FNL</u>       | <u>660</u>        | <u>FWL</u> |
| _____          | _____            | _____             | _____      |
| Twp _____      | Range _____      |                   |            |
| Twp _____      | Range _____      |                   |            |

\*\*

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\*\* 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 12/25/2015

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:**

Extraction Oil & Gas requests the permission to flare the produced gas associated with the Meader #4 well for one year based on the lack of available midstream infrastcture.

1) The estimated volume is anticipated to be between 150- to just over 300 mcf/d at IP, total volume for the life of the well or Estimated Ultimate Recovery (EUR) is estimated approx 150MMcf.

2) Hydrogen sulfide is not anticipated. Extraction will have a sample collected and rush analyzed for this analysis and will provide the results to the Commission as soon as received. Analysis for the recently completed Cox #1 well located approximately 7 miles to the NW of the Meader location showed non-detect for Hydrogen Sulfide.

3) This request is based on lack of midstream infrastructure. Extraction has contacted Summit Midstream Partners for an analysis for gathering this location. The nearest system to this location is approximately two miles at an anticipated cost of over \$370,000. Based on the estimated EUR of this well and the costs for midstream connections and fees, the volumes do not warrant an economically feasible connection to the midstream gathering system.

4) The operator is intending to flare the associated gas and therefore will comply with the odor provisions of Rule 805.b.(1).

5) Extraction intends to use an open flare for encountered gas from the wellhead and ECD's for compliance with storage tank emissions management. An exemption request to CDPHE's Reg. 7 for use of an open flare has been submitted. All other permitting and compliance provisions for the CDPHE are in process and will be followed as required.

**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:

| <b><u>Best Management Practices</u></b> |                           |
|---|---------------------------|
| <b><u>No BMP/COA Type</u></b>           | <b><u>Description</u></b> |
|   |                           |

**Operator Comments:**

Extraction Oil & Gas requests the permission to flare the produced gas associated with the Meader #4 well for one year based on the lack of available midstream infrastructure. A formal request has been e-mailed to Ms. Burn and Mr. Hickey and is attached to this e-form.

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

Signed: \_\_\_\_\_ Print Name: Josh Carlisle  
Title: Environmental Supervisor Email: jcarlisle@extractionog.com Date: 12/14/2015

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

COGCC Approved: BURN, DIANA Date: 12/22/2015

**CONDITIONS OF APPROVAL, IF ANY:**

**COA Type**

**Description**

|  |   |
|--|---|
|  | This approval is good for one year and new application must be made before December 22, 2016.   |
|  | 1) The flaring of natural gas shall be allowed in accordance with COGCC Rule 912. The combustion device must have a design destruction efficiency of at least 98% for hydrocarbons.<br>2) Notify the local emergency dispatch or the local governmental designee of any natural gas flaring.<br>3) Submit updated requests to flare to COGCC on Form 4 (Sundry Notice), which discuss whether or not any new gathering systems or increased development of the field have changed pipeline economics such that installation of a new pipeline would be an economically viable option in lieu of continued flaring.<br>4) The operator is required to obtain and maintain any required air permits from CDPHE.<br>5) The flare volumes shall be reported by Form 7, Operator's Monthly Report of Operations. |

**General Comments**

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|-------------------|----------------|---------------------|
|                   |                |                     |

Total: 0 comment(s)

**Attachment Check List**

| <u>Att Doc Num</u> | <u>Name</u>      |
|--------------------|------------------|
| 400953951          | FORM 4 SUBMITTED |
| 400953967          | OTHER            |

Total Attach: 2 Files