

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: 400953951			
Date Received: 12/14/2015			

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

Complete the Attachment
Checklist

OP OGCC

API Number : <u>05-</u> <u>123</u> <u>42263</u> <u>00</u>	OGCC Facility ID Number: <u>443526</u>
Well/Facility Name: <u>Meador</u>	Well/Facility Number: <u>4</u>
Location QtrQtr: <u>SESW</u> Section: <u>5</u> Township: <u>11N</u> Range: <u>63W</u> Meridian: <u>6</u>	
County: <u>WELD</u> Field Name: <u>WILDCAT</u>	
Federal, Indian or State Lease Number: <u></u>	

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>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
Twp <u>11N</u>	Range <u>63W</u>	Meridian <u>6</u>	
Twp <u> </u>	Range <u> </u>	Meridian <u> </u>	
<u>300</u>	<u>FSL</u>	<u>660</u>	<u>FWL</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
Twp <u>11N</u>	Range <u>63W</u>		
Twp <u> </u>	Range <u> </u>		
<u>300</u>	<u>FNL</u>	<u>660</u>	<u>FWL</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
			**

** 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 MEADER Number 4 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 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:

--

Best Management Practices

No BMP/COA Type

Description

--	--	--

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. 2) Notify the local emergency dispatch or the local governmental designee of any natural gas flaring. 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. 4) The operator is required to obtain and maintain any required air permits from CDPHE. 5) The flare volumes shall be reported by Form 7, Operator's Monthly Report of Operations.

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

--	--	--

Total: 0 comment(s)

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

400953951	FORM 4 SUBMITTED
400953967	OTHER

Total Attach: 2 Files