

State of Colorado  
Oil and Gas Conservation Commission1120 Lincoln Street, Suite 801, Denver, Colorado 80203  
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DE	ET	OE	ES
Document Number: <u>400942369</u>			
Date Received: <u>11/24/2015</u>			

## 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	41933	00	OGCC Facility ID Number:	442592			
Well/Facility Name:	Cox			Well/Facility Number:	1				
Location QtrQtr:	NENW	Section:	22	Township:	12N	Range:	64W	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 NENW Sec 22New **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 22New **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 27 Twp 12NNew **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	
887	FNL	2114	FWL
Twp <u>12N</u>	Range <u>64W</u>	Meridian <u>6</u>	
Twp <u></u>	Range <u></u>	Meridian <u></u>	
300	FNL	660	FWL
Twp <u>12N</u>	Range <u>64W</u>		
Twp <u></u>	Range <u></u>		
300	FSL	660	FWL

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\*\*

\*\* 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 COX Number 1 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 11/25/2015

☐ 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:

- 1) The estimated volume is anticipated to be between 250-500 mcf, total volume for the life of the well or Estimated Ultimate Recovery (EUR) is estimated at 150MMcf.
- 2) Hydrogen sulfide is not anticipated, however, there are no nearby wells for which to extrapolate this information. Extraction will have a sample collected and rush analyzed for this analysis and will provide the results to the Commission as soon as received.
- 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 six miles at an anticipated cost of over \$1,000,000. 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. Please see the map included in Attachment A which shows the location of the nearest well connected to the Summit system.  
Additionally, there is not a sufficient volume to run other onsite equipment except for the separator.
- 4) The operator is intending to flare the associated gas and therefore will comply with the odor provisions of Rule 805.b.(1).
- 5) This well does not fall within the boundary of the CDPHE's Regulation 7 provisions for enclosed flares, Extraction intends to use an open flare for encountered gas from the wellhead and ECD's for compliance with storage tank emissions management. All other permitting and compliance provisions for the CDPHE are in process and will be followed as required.

See attachment for flare request information.

#### 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**

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**Operator Comments:**

Please see attached request to flare our Cox #1 locatoin.

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: 11/24/2015

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 appication must be made before December 15, 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**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Engineer	The well does fall within the Denver Julesburg basin and CDPHE requirements are statewide.	12/22/2015 7:16:41 AM

Total: 1 comment(s)

**Attachment Check List**

<b><u>Att Doc Num</u></b>	<b><u>Name</u></b>
400942369	FORM 4 SUBMITTED
400942688	OTHER

Total Attach: 2 Files