

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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Document Number: 401423067			
Date Received:			

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>Alyssa Andrews</u>
Name of Operator: <u>EXTRACTION OIL & GAS INC</u>	Phone: <u>(720) 481-2379</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>aandrews@extractionog.com</u>

Complete the Attachment
Checklist

OP OGCC

API Number : 05- <u>001</u> <u>10029</u> <u>00</u>	OGCC Facility ID Number: <u>450041</u>
Well/Facility Name: <u>PC SOUTH 1S-66-2928</u>	Well/Facility Number: <u>13CDH</u>
Location QtrQtr: <u>NWSW</u> Section: <u>29</u> Township: <u>1S</u> Range: <u>66W</u> Meridian: <u>6</u>	
County: <u>ADAMS</u> Field Name: <u>WATTENBERG</u>	
Federal, Indian or State Lease Number: <u></u>	

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 39.933660 PDOP Reading 1.5 Date of Measurement 08/03/2017
Longitude -104.804200 GPS Instrument Operator's Name J. STILLE

LOCATION CHANGE (all measurements in Feet)

Well will be: HORIZONTAL (Vertical, Directional, Horizontal)

Change of **Surface** Footage **From** Exterior Section Lines:

Change of **Surface** Footage **To** Exterior Section Lines:

Current **Surface** Location **From** QtrQtr NWSW Sec 29

New **Surface** Location **To** QtrQtr NWSW Sec 29

FNL/FSL		FEL/FWL	
<u>2353</u>	<u>FSL</u>	<u>1320</u>	<u>FWL</u>
<u>1747</u>	<u>FSL</u>	<u>1325</u>	<u>FWL</u>
Twp <u>1S</u>	Range <u>66W</u>	Meridian <u>6</u>	
Twp <u>1S</u>	Range <u>66W</u>	Meridian <u>6</u>	

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 29

New **Top of Productive Zone** Location **To** Sec 29

<u>2140</u>	<u>FSL</u>	<u>500</u>	<u>FWL</u>
<u>1980</u>	<u>FSL</u>	<u>500</u>	<u>FWL</u>
Twp <u>1S</u>	Range <u>66W</u>		
Twp <u>1S</u>	Range <u>66W</u>		
<u>2120</u>	<u>FSL</u>	<u>500</u>	<u>FEL</u>
<u>1980</u>	<u>FSL</u>	<u>500</u>	<u>FEL</u>

Change of **Bottomhole** Footage **From** Exterior Section Lines:

Change of **Bottomhole** Footage **To** Exterior Section Lines:

Current **Bottomhole** Location Sec 28 Twp 1S

New **Bottomhole** Location Sec 28 Twp 1S

Range <u>66W</u>	** attach deviated drilling plan
Range <u>66W</u>	

Is location in High Density Area?

Distance, in feet, to nearest building 1497, public road: 861, above ground utility: 899, railroad: 2485,
property line: 843, lease line: 0, well in same formation:

Ground Elevation 5066 feet Surface owner consultation date

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>
NIOBRARA	NBRR		320	GWA

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 PC SOUTH 1S-66-2928 Number 13CDH Effective Date: 10/10/2017

To: Name PC 1S-66-2928 Number 13NH

☐ **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 11/15/2017

☐ 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:

- The SHL has moved 606' south and 5' east after moving facilities to the north side of the pad.
- Top of production & BHL footages changing. No wells are within 150'.
- Casing program changed to monobore casing
- All existing wells were previously evaluated and the new configuration does not change that evaluation. New wells within 1500' are status XX or pending permits and do not require evaluation.
- Well will be drilled in the Niobrara formation. Name changed to reflect formation change.

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
Conductor Casing	24				16				42	0	80	100	80	0
Surface String	12	1		4	9	5		8	36	0	1500	400	1500	0
First String	8	1		2	5	1		2	20	0	17535	2336	17535	1500

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>
1	Drilling/Completion Operations	317.p One of the first wells drilled on the pad will be logged with open-hole Resistivity Log and Gamma Ray Log from the kick-off point into the surface casing. All wells on the pad will have a cement bond log with gamma-ray run on production casing (or on intermediate casing if production liner is run) into the surface casing. The horizontal portion of every well will be logged with a measured-while-drilling gamma-ray log. The Form 5, Completion Report, for each well on the pad will list all logs run and have those logs attached. The Form 5 for a well without open-hole logs shall clearly state "No open-hole logs were run" and shall clearly identify (by API#, well name & number) the well in which open-hole logs were run.
2	Drilling/Completion Operations	Operator acknowledges and will comply with COGCC policy for Bradenhead Monitoring during Hydraulic Fracturing treatments in the Greater Wattenberg Area dated May 29, 2012.
3	Drilling/Completion Operations	Anti-collision: Operator will perform an anti-collision evaluation of all active (producing, shut in, or temporarily abandoned) offset wellbores that have the potential of being within 150 feet of a proposed well prior to drilling operations for the proposed well. Notice shall be given to all offset operators prior to drilling.

Total: 3 comment(s)

Operator Comments:

- The SHL has moved 606' south and 5' east after moving facilities to the north side of the pad.
- Top of production & BHL footages changing. No wells are within 150'.
- Casing program changed to monobore casing
- All existing wells were previously evaluated and the new configuration does not change that evaluation. New wells within 1500' are status XX or pending permits and do not require evaluation.
- Dropping "South" from well name.
- Well will be drilled in the Niobrara formation. Name changed to reflect formation change.
- The PSU has changed. 30 days have passed and one objection was received from Grizzly Petroleum Company LLC and was withdrawn on 10/5/2017. Mineral lease map attached to scout card will still be developed in this spacing unit. New PSU:
Sec. 28-1S-66W: N/2S/2
Sec. 29-1S-66W: N/2S/2

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

Signed: _____ Print Name: Alyssa Andrews
Title: Regulatory Analyst Email: aandrews@extractionog.com Date: _____

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

COGCC Approved: _____ Date: _____

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

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

		Stamp Upon Approval
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Total: 0 comment(s)

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

401423429	DIRECTIONAL DATA
401423430	DEVIATED DRILLING PLAN
401423431	WELL LOCATION PLAT
401423586	PROPOSED SPACING UNIT

Total Attach: 4 Files