

**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: 401396736 | | | |
| Date Received: 10/04/2017 | | | |

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 Alyssa Andrews
 Name of Operator: EXTRACTION OIL & GAS INC Phone: (720) 481-2379
 Address: 370 17TH STREET SUITE 5300 Fax: ()
 City: DENVER State: CO Zip: 80202 Email: aandrews@extractionog.com

Complete the Attachment
Checklist

OP OGCC

API Number : 05- 001 00 OGCC Facility ID Number: 450043
 Well/Facility Name: PC Well/Facility Number: 1S-66-2928 PAD
 Location QtrQtr: NWSW Section: 29 Township: 1S Range: 66W Meridian: 6
 County: ADAMS Field Name: _____
 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 NWSW Sec 29

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 _____

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 _____ Twp _____

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>2383</u> | <u>FSL</u> | <u>1290</u> | <u>FWL</u> |
| _____ | _____ | _____ | _____ |
| Twp <u>1S</u> | Range <u>66W</u> | Meridian <u>6</u> | |
| Twp _____ | Range _____ | Meridian _____ | |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| Twp _____ | Range _____ | | |
| Twp _____ | Range _____ | | |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |

**

**

** attach deviated drilling plan

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 _____ Number 1S-66-2928 PAD 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: Attach updated waste management plan

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 11/01/2017

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 Add 2 MLVTs
- Status Update/Change of Remediation Plans for Spills and Releases

COMMENTS:

This sundry is being submitted to add two MLVTs to the location and to switch to oil-based mud.

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 | <u>BMP/COA Type</u> | <u>Description</u> |
|-----------|--------------------------------|--|
| 1 | Drilling/Completion Operations | The MLVT will be at least 75 feet from a wellhead, fired vessel, heater-treater, or a compressor with a rating of 200 horsepower or more. It will be placed at least 50 feet from a separator, well test unit, or other non-fired equipment. |
| 2 | Drilling/Completion Operations | A fabric reinforced liner will be utilized. In the event that a tank breach were to occur, the fabric reinforced liner will prevent a “zippering” failure from occurring. The liner will meet the specifications per the design package. |
| 3 | Drilling/Completion Operations | Operator has an MLVT Design Package, certified and sealed by a licensed professional engineer, which is on file in their office and available upon request. The site shall be prepared in accordance with the specifications of the design package prior to tank installation; including ensuring that proper compaction requirements have been met. |
| 4 | Drilling/Completion Operations | Access to the MLVT will be limited to operational personnel and authorized regulatory agency personnel. |
| 5 | Drilling/Completion Operations | Operator acknowledges and will comply with the Colorado Oil & Gas Conservation Commission Policy on the Use of Modular Large Volume Tanks in Colorado dated June 13, 2014. |
| 6 | Drilling/Completion Operations | Signs will be posted on the MLVT indicating that the contents are freshwater. |
| 7 | Drilling/Completion Operations | Operator will comply with the testing and re-inspection requirements and associated written standard operating procedures (SOP) listed on the design package. |
| 8 | Drilling/Completion Operations | All liner seams will be welded and tested in accordance with applicable ASTM International standards. |
| 9 | Drilling/Completion Operations | Operator has developed a contingency plan/emergency response plan associated with the MLVT and it is on file at their office. |
| 10 | Drilling/Completion Operations | Operator or contractor will conduct daily visual inspections of the exterior wall and surrounding area for integrity deficiencies. |
| 11 | Drilling/Completion Operations | Tanks will be filled using a local water source through temporary waterlines. No water will be trucked to location. |
| 12 | Drilling/Completion Operations | Operator will be present during initial filling of the MLVT and the contractor will supervise and inspect the MLVT for leaks during filling. |
| 13 | Drilling/Completion Operations | The MLVT will be operated with a minimum of 1 foot of freeboard at all times. |

Total: 13 comment(s)

Operator Comments:

The purpose of this sundry is to add 2 MLVTs. Both MLVTs stay within the permitted DA. MLVT BMPs added. Oil based mud will now be used. Please see the updated Waste Management Plan.

The MLVTs are both >500' from building units.

MLVT Information:

Manufacturer: Hydrologistics

Time: 3 months

Size/volume - 157' diameter/42,000 bbl

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: 10/4/2017

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

COGCC Approved: Housey, Melissa

Date: 10/27/2017

CONDITIONS OF APPROVAL, IF ANY:

COA Type

Description

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

General Comments

User Group

Comment

Comment Date

| | | |
|----------------|---|------------|
| Routing Review | A task has been opened for the Regional OGLA Specialist to review the information provided by the operator. | 10/04/2017 |
|----------------|---|------------|

Total: 1 comment(s)

Attachment Check List

Att Doc Num

Name

| | |
|-----------|----------------------------------|
| 401396736 | SUNDRY NOTICE APPROVED-OTHER-DOC |
| 401396737 | WASTE MANAGEMENT PLAN |
| 401420168 | LOCATION DRAWING |
| 401442995 | FORM 4 SUBMITTED |

Total Attach: 4 Files