

State of Colorado Oil and Gas Conservation Commission

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Phone: (303) 894-2100 Fax: (303) 894-2109



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|--------------------------------------|----|----|----|
| DE | ET | OE | ES |
| Document Number: 400952156 | | | |
| 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: 10459 Contact Name Erin Mathews
 Name of Operator: EXTRACTION OIL & GAS LLC Phone: (720) 557-8308
 Address: 370 17TH STREET SUITE 5300 Fax: ()
 City: DENVER State: CO Zip: 80202 Email: emathews@ExtractionOG.com

Complete the Attachment
Checklist

OP OGCC

API Number : 05- 123 00 OGCC Facility ID Number: 436824
 Well/Facility Name: Triple Creek Well/Facility Number:
 Location QtrQtr: SENE Section: 8 Township: 5N Range: 66W Meridian: 6
 County: WELD Field Name: WATTENBERG
 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 SENE Sec 8

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 | |
|---------------|------------------|-------------------|-----|
| 2622 | FNL | 1191 | FEL |
| | | | |
| Twp <u>5N</u> | Range <u>66W</u> | Meridian <u>6</u> | |
| Twp <u></u> | Range <u></u> | Meridian <u></u> | |
| | | | |
| | | | ** |
| Twp <u></u> | Range <u></u> | | |
| Twp <u></u> | Range <u></u> | | |
| | | | |
| | | | ** |
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| | | | |

** 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 TRIPLE CREEK Number 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: Revised Access Road Map & 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 01/06/2016

☐ REPORT OF WORK DONE Date Work Completed _____

- | | | |
|--|---|--|
| <input type="checkbox"/> Intent to Recomplete (Form 2 also required) | <input 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 checked="" type="checkbox"/> Other <u>Access & Facilities</u> | <input type="checkbox"/> Status Update/Change of Remediation Plans for Spills and Releases | |

COMMENTS:

1. Extraction has worked with the City of Greeley to obtain a Use by Special review permit for the proposed oil and gas location. As part of the USR process and master planning of the surface by the property owner, the access road location has been revised. Access will still remain from 71st Avenue, however the revised access point is approximately 550 ft. to the north of what was originally permitted. A 60 ft. wide access easement has been obtained from the neighboring property owner to allow use of this access. A traffic study reflecting use of the revised access was evaluated as part of the USR process with the City.
2. Per the City of Greeley USR, Extraction has agreed to use LACT units to facilitate truck loading operations and therefore request that two LACT units and two Vapor Recovery Towers be added to the FACILITIES of this location. All equipment will be installed within the original disturbed area and located over 1000 feet from the nearest building unit.

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 | Planning | 604.c(2)M. Fencing: A meeting with the surface owner will determine a fencing plan. Fencing will also be part of the Use by Special Review application with the City of Greeley. |
| 2 | Planning | 804. Visual Impacts: All long term facility structures will be painted a color that enables the facilities to blend in with the natural background color of the landscape, as seen from a viewing distance and location typically used by the public. Maintain appearance with garbage clean-up; a trash bin will be located on site to accumulate waste by the personnel drilling the wells. Site will have unused equipment, trash and junk removed immediately. |
| 3 | Planning | 604.c.(2)N. Control of fire hazards: All material that is considered a fire hazard shall be a minimum of 25' from the wellhead tanks or separators. Electrical equipment shall comply with API IRP 500 and will comply with the current national electrical code. |
| 4 | Traffic control | 604.c.(2)S. Access Roads: The access road will be constructed to accommodate local emergency vehicles. This road will be maintained for access at all times. Traffic will be routed to minimize local interruption. Dust control measures will also be utilized. |
| 5 | Traffic control | 604.c.(2)D: If required by the local government, a traffic plan shall be coordinated with the local jurisdiction prior to commencement of move in and rig up. Any subsequent modification to the traffic plan must be coordinated with the local jurisdiction. A traffic impact study was completed by a professional traffic engineer and submitted to the City of Greeley as part of the Use by Special Review Process. |
| 6 | General Housekeeping | 604.c.(2)P. Trash Removal: All trash, debris and material not intrinsic to the operation of the oil and gas facility shall be removed and legally disposed of as applicable. |
| 7 | Storm Water/Erosion Control | Implement and maintain BMPs to control stormwater runoff in a manner that minimizes erosion, transport of sediment offsite, and site degradation. Co-locate gas and water gathering lines whenever feasible, and mitigate any erosion problems that arise due to the construction of any pipeline(s). An Erosion and Sediment Control Plan was submitted as part of the Use By Special Review process with the City of Greeley and will be covered under Extraction Oil & Gas's field wide permit, permit number COR03M013. |
| 8 | Material Handling and Spill Prevention | 604.c.(2)R Tank Specifications: Tanks will be designed, constructed and maintained in accordance with NFPA Code 30. The tanks are visually inspected once a day for issues, and recorded inspections are conducted once a month. |
| 9 | Material Handling and Spill Prevention | 604.c.(2)F. Leak Detention Plan: Pumper will visit the location daily and visually inspect all tanks and fittings for leaks. Additionally, monthly documented SPCCP inspections are conducted pursuant to 40 CFR 112. |
| 10 | Dust control | Operator shall employ practices for control of fugitive dust caused by their operations. Such practices shall include but are not limited to the use of speed restrictions, regular road maintenance, restriction of construction activity during high- wind days, and silica dust controls when handling sand used in hydraulic fracturing operations. Additional management practices such as road surfacing, wind breaks and barriers may be used. |
| 11 | Construction | 604.c.(2).Q. All guy line anchors left buried for future use shall be identified by a marker of bright color not less than four (4) feet in height and not greater than one (1) foot east of the guy line anchor. |

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|----|----------------------|--|
| 12 | Construction | 803 Light sources during all phases of operations will be directed downwards and away from occupied structures where possible. Permanent lighting shall be mounted at compressor stations on a pole or building and directed downward to illuminate key areas within the facility, while minimizing the amount of light projected outside the facility. A photometric plan for all permanent lighting was submitted to the City of Greeley as part of the Use by Special Review process. |
| 13 | Construction | 604.c.(3)B. Berm Construction. Tank berms shall be constructed of steel rings with a synthetic or engineered liner and designed to contain 150% of the capacity of the largest tank. All berms will be visually checked periodically to ensure proper working condition. Secondary containment devices shall be sufficiently impervious to contain any spilled or released material. Tertiary containment, such as an earthen berm, will be installed around production facilities. All berms will be visually checked periodically to ensure proper working condition |
| 14 | Construction | Operational system will be automated to allow remote shut in, remote monitoring, and off-site response to emergencies. |
| 15 | Noise mitigation | Sound walls and/or hay bales will be used to surround the well site during drilling and completion operations. The drill rig will be powered by high line electrical power. |
| 16 | Emissions mitigation | 604.c.(2)C.i. Green Completions - Emission Control System: Test separators and associated flow lines and sand traps shall be installed on-site to accommodate green completions techniques pursuant to COGCC Rules. In the anticipated absence of a viable gas sales line, the flowback gas shall be thermally oxidized in an emissions control device (ECD), which will be installed and kept in operable condition for least the first 90-days of production pursuant to CDPHE rules. This ECD shall have an adequate capacity for 1.5 times the largest flowback within a 10 mile radius, will be flanged to route gas to other or permanent oxidizing equipment and shall be provided with the equipment needed to maintain combustions where non-combustible gases are present. |
| 17 | Odor mitigation | 805: Oil & gas facilities and equipment shall be operated in such a manner that odors and dust do not constitute a nuisance or hazard to public welfare. The production facilities will have VOC combustors with emission control devices to comply with the Department of Public Health and Environment, Air Quality Control Commission. |
| 18 | Interim Reclamation | Operator shall be responsible for segregating the topsoil, backfilling, repacking, reseeding, and re-contouring the surface of any disturbed area so as not to interfere with Owner's operations and shall reclaim such area to be returned to pre-existing conditions as best as possible with control of all noxious weeds. |
| 19 | Final Reclamation | In accordance with COGCC Rule 604.C.(2).U, the operator shall identify the location of the wellbore with a permanent monument as specified in Rule 319.A.(5). The operator shall also inscribe or imbed the well number and date of plugging upon the permanent monument. |
| 20 | Final Reclamation | 604.c.(2).U. Final Reclamation-The operator shall identify the location of the wellbore with a permanent monument as specified in Rule 319.a.(5). The operator shall also inscribe or imbed the well number and date of plugging upon the permanent monument. |
| 21 | Final Reclamation | 604.c.(2)T. Within 90 days subsequent to the time of plugging and abandonment of the entire site, superfluous debris and equipment shall be removed from the site. Identification of plugged and abandoned wells will be identified pursuant to 319.a.(5) |

Total: 21 comment(s)

Operator Comments:

1. Additional BMPs added to match those provided on APDs and reflect BMPs required by the City of Greeley Use by Special Review (USR) permit.
2. Wells will be drilled using an oil-based mud. This sundry should serve to update our Waste Management Plan (attached) to reflect this change. All oil based drilling fluids and associated cuttings will be disposed at a commercial facility.
3. Note comments 1 & 2 from the Engineering & Environmental section.

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

Signed: _____ Print Name: Erin Mathews
Title: Regulatory Manager Email: emathews@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: ANDREWS, DOUG Date: 12/16/2015

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

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| | |
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General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|--------------------------|--|----------------------------|
| Routing Review | A task has been opened for D. Andrews (OGLA Group) to review the document. | 12/16/2015 9:34:31 AM |

Total: 1 comment(s)

Attachment Check List

| <u>Att Doc Num</u> | <u>Name</u> |
|---------------------------|-----------------------|
| 400952156 | FORM 4 SUBMITTED |
| 400952161 | ACCESS ROAD MAP |
| 400953569 | WASTE MANAGEMENT PLAN |

Total Attach: 3 Files