

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: 400628579 | | | |
| Date Received: 06/18/2014 | | | |

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 Ann Stephens |
| Name of Operator: EXTRACTION OIL & GAS LLC | Phone: (303) 928.7128 |
| Address: 1888 SHERMAN ST #200 | Fax: (303) 218.5678 |
| City: DENVER State: CO Zip: 80203 | Email: regulatory@petro-fs.com |

Complete the Attachment
Checklist

OP OGCC

| | |
|--|--|
| API Number : 05- 123 00 | OGCC Facility ID Number: 436071 |
| Well/Facility Name: Rubyanna | Well/Facility Number: 13 Pad |
| Location QtrQtr: SESE Section: 13 Township: 6N Range: 67W Meridian: 6 | |
| County: WELD Field Name: _____ | |
| 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 **SESE** Sec **13**

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 | |
|---------|-----------|------------|-----|
| 701 | FSL | 225 | FEL |
| | | | |
| Twp 6N | Range 67W | Meridian 6 | |
| 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 RUBYANNA Number 13 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: _____

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 06/25/2014

☐ 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>Modify BMPs</u> | <input type="checkbox"/> Status Update/Change of Remediation Plans for Spills and Releases | |

COMMENTS:

Operator has amended the Form 2A to add a fresh water holding pit to aid fracing operations at the Rubyanna site. Operator would like to modify BMP #14 submitted with the original Form 2A Doc 400514628 to accomodate adding the fresh water pit on the amended Form 2A Doc 400601317: please change BMP #14 Drilling/Completion Operations to "A closed-loop system will be used". Please remove BMP #15. Please add new BMPs included in this Form 4 for the fresh water pit. Pit Management Plan is attached herein as "Other".

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 | Pre-Construction | Pit dimensions will be consistent with the scaled pit design submitted with the pit application (Form 15). A 36 millimeter thick synthetic liner will be used, and 2 feet of freeboard will be maintained at all times. Please reference pit design for additional information. |
| 2 | Construction | Operator will remove only the minimum amount of vegetation required for construction of freshwater pit. Plan to conserve topsoil excavations and store in a designated area for reuse after pit has been reclaimed. No construction or maintenance activities will be performed during periods when the soil/roads are too wet to adequately support construction equipment. |
| 3 | Drilling/Completion Operations | During fracing operations on-site personnel will monitor the pit fluid level on a 24 hour basis to ensure a minimum of 2 feet freeboard is maintained. Operator will make use of straw hay bales, gravel and other measures to prevent erosion, storm water run-off and site degradation during pit use. |
| 4 | Final Reclamation | All surface restoration will be accomplished immediately following fracing operations, and to the satisfaction of the surface owner. The synthetic liner will be removed, pit backfilled, and site reclaimed and graded per the consistent with original condition. |

Total: 4 comment(s)

Operator Comments:

Operator is proposing the use of a fresh water holding pit to aid fracing operations at the Rubyanna site location in Sec 13-6N-67W. The pit capacity will be approximately 20,000 bbls, and be located just north of the production facility on lands owned by Twenty Five Farm, LLC. The surface owner has been involved in the pit design and placement, and will be aiding with water transfer services to initially fill the pit with local irrigation water.

Pit Management Plan is attached herein as "Other".

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

Signed: _____ Print Name: Ann Stephens
Title: Regulatory Manager Email: regulatory@petro-fs.com Date: 6/18/2014

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

COGCC Approved: KOESELL, ARTHUR Date: 6/20/2014

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

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

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

Total: 0 comment(s)

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

| | |
|-----------|------------------|
| 400628579 | FORM 4 SUBMITTED |
| 400628601 | OTHER |

Total Attach: 2 Files