



DE	ET	OE	ES
Document Number: <div>400949237</div>			
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: 10459	Contact Name	Ann Stephens	<div>Complete the Attachment Checklist</div> <div>OP OGCC</div>	
Name of Operator: EXTRACTION OIL & GAS LLC	Phone:	(303) 928-7128		
Address: 370 17TH STREET SUITE 5300	Fax:	(303) 218-5678		
City: DENVER	State: CO	Zip: 80202		
Email: regulatory@petro-fs.com				
API Number : 05- 123 00	OGCC Facility ID Number:	442316	Survey Plat	
Well/Facility Name: Bybee	Well/Facility Number:	14-L Pad	Directional Survey	
Location QtrQtr: NESE	Section: 14	Township: 2N	Range: 68W	Meridian: 6
County: WELD	Field Name:	WATTENBERG		Technical Info Page
Federal, Indian or State Lease Number:			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

NESE

Sec

14

Twp

2N

Range

68W

Meridian

6

New Surface Location To

QtrQtr

Sec

Twp

Range

Meridian

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

Twp

Range

New Top of Productive Zone Location To

Sec

Twp

Range

Change of Bottomhole Footage From Exterior Section Lines:

Change of Bottomhole Footage To Exterior Section Lines:

Current Bottomhole Location

Sec

Twp

Range

New Bottomhole Location

Sec

Twp

Range

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

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 BYBEE Number 14-L 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: change in size of disturbed area for drilling and production phases

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 01/15/2016

☐ 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 Management 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>change in DA</u> | <input type="checkbox"/> Status Update/Change of Remediation Plans for Spills and Releases | |

COMMENTS:

The size of disturbed area during construction and after interim reclamation increased in acreage as a result of negotiations with the Town of Frederick for their Land Use Application permit. Narrative specifying reasons for changes in disturbance area is attached as CORRESPONDENCE.

Site Plan, Grading Plan, Landscape Plan, Erosion & Sediment Control Plans, and Drainage Report are attached as CONST. LAYOUT DRAWINGS.

Adding two MLVTs: each is 157 feet in diameter; Hydrologistics is the manufacturer/vendor. Anticipated time MLVTs will be on location will start in May 2016 for up to 3 months. BMPs for the construction and maintenance of the MLVTs is incorporated in this Form 4. Operator certifies that the MLVTs will be designed and implemented consistent with the COGCC Policy on the Use of Modular Large Volume Tanks in Colorado.

MLVT Design Package, certified and sealed by a licensed professional engineer, is attached 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

No	BMP/COA Type	Description
1	Storm Water/Erosion Control	<p>STOCKPILE/SWMP BMPS</p> <ul style="list-style-type: none">• Stockpile management includes measures to minimize erosion and sediment transport from soil stockpiles. Erosion and Sediment Control Plans for Drilling Pad and Production Facility Pad, and Grading Plan are attached to this Form 4 Sundry.• BMPs for sediment and erosion control will be accomplished through a combination of construction techniques, vegetation and re-vegetation, and structural features.• During pre-construction, drilling, and other active construction processes, the focus will be primarily on containment-type BMPs and on-flow diversion BMPs. An example would be a continuous berm to contain storm water pollutants on site.• Erosion reduction and control will be accomplished by using several methods, which include but are not limited to diversion and control of run-on water, diversion and control of runoff water, vegetation planting and maintenance, and application and maintenance of mulches, blankets, tackifiers, tracking, and/or contouring.• Runoff control procedures will be used to mitigate and reduce the erosive transport forces of storm water during and after construction of the well site, e.g., earth berms, culvert protection, diversion ditches, swales, or other methods.• Existing vegetation cover and topsoil are removed only where necessary for the operation of equipment and construction of the pad. Trees and large shrubs that are not cleared from the pad area will be protected from damage during construction by avoiding them with equipment.• To prevent tracking of sediment onto public roads, portions of access roads shall be graveled, as appropriate. Other means such as track pads may be utilized.• Where conditions warrant, erosion control structures such as berms, culverts, and swales will be constructed to divert water away from the project area. These controls will also reduce soil erosion.• Stockpile surfaces will be stabilized with surface roughening, temporary seeding and mulching, erosion control blankets, and/or soil binders. Where seeding, mulch and/or soil binders are used, reseeding or reapplication of soil binder may be necessary.• Perimeter controls will be installed in accordance with their respective design details.• Maintenance of stockpiles will consist of inspecting perimeter controls and inlet protection.• When the stockpile is no longer needed, proper disposal of excess materials and re-vegetation will be done to stabilize the ground surface where it was located.• During the reclamation of the site, all cut and fill slopes in steep terrain will be graded and contoured to blend into the adjoining landscape. When possible, cut and fill slopes will be constructed so they are no steeper than a 3:1 ratio.• Keep well site location and road free of noxious weeds, litter and debris. Spray for noxious weeds, and implement dust control, as needed.• At all times, the property shall be maintained and/or watered to prevent wind-caused erosion.• Topsoil shall be stockpiled to the extent practicable on the site for use on areas to be re-vegetated. Any and all stockpiles shall be located and protected from erosive elements.

2	Construction	<p>COGCC MLVT BMPs</p> <ul style="list-style-type: none"> • 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 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. • All liner seams will be welded and tested in accordance with applicable ASTM International standards. • Operator will be present during initial filling of the MLVT and the contractor will supervise and inspect the MLVT for leaks during filling. • Operator will comply with the testing and reinspection requirements and associated written standard operating procedures (SOP) listed on the design package. • Signs will be posted on the MLVT indicating that the contents are freshwater. • The MLVT will be operated with a minimum of 1 foot of freeboard at all times. • Access to the MLVT will be limited to operational personnel and authorized regulatory agency personnel. • Operator or contractor will conduct daily visual inspections of the exterior wall and surrounding area for integrity deficiencies. • Operator has developed a contingency plan/emergency response plan associated with the MLVT and it is on file at their office. • Dust: 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, or automation of wells to reduce truck traffic may also be required if technologically feasible and economically reasonable to minimize fugitive dust emissions. • Construction: 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. • Noise: Operator will stay under the maximum permissible noise levels stated in COGCC Rule 604.c.(2)A. If necessary, operator will use appropriately sized sound walls that will be installed around compressors to dampen noise.
---	--------------	--

Total: 2 comment(s)

Operator Comments:

The size of disturbed area during construction and after interim reclamation increased in acreage as a result of negotiations with the Town of Frederick for their Land Use Application permit. Narrative specifying reasons for changes in disturbance area is attached as CORRESPONDENCE.

Site Plan, Grading Plan, Landscape Plan, Erosion & Sediment Control Plans, and Drainage Report are attached as CONST. LAYOUT DRAWINGS.

Adding two MLVTs: each is 157 feet in diameter; Hydrologistics is the manufacturer/vendor. Anticipated time MLVTs will be on location will start in May 2016 for up to 3 months. BMPs for the construction and maintenance of the MLVTs is incorporated in this Form 4. Operator certifies that the MLVTs will be designed and implemented consistent with the COGCC Policy on the Use of Modular Large Volume Tanks in Colorado.

MLVT Design Package, certified and sealed by a licensed professional engineer, is attached as OTHER.

MLVTs: 1) Water Source: water will be piped in using temporary infrastructure to avoid public areas and the route has been approved by the Town of Frederick. 2) Benefits: MLVTs greatly reduce the size of the frac pad and the number of trucks needed because they replace individual 500 bbls storage tanks that would otherwise be trucked to location. On average, a well requires approximately 40,000 bbls of water, which equals one MLVT, which in turn eliminates roughly 308 truckloads of water PER WELL.

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: _____

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**

--	--

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

--	--	--

Total: 0 comment(s)

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

400949264	CONST. LAYOUT DRAWINGS
400949266	CONST. LAYOUT DRAWINGS
400950477	CONST. LAYOUT DRAWINGS
400950479	CONST. LAYOUT DRAWINGS
400950480	CONST. LAYOUT DRAWINGS
400950481	CONST. LAYOUT DRAWINGS
400950486	OTHER
400950494	LOCATION DRAWING
400950931	CORRESPONDENCE

Total Attach: 9 Files