



## LEASE INFORMATION

Using standard QtrQtr, Sec, Twp, Rng format, describe one entire mineral lease that will be produced by this well (Describe lease beneath surface location if produced. Attach separate description page or map if necessary.)

Section 21: All

Total Acres in Described Lease: 640 Described Mineral Lease is:  Fee  State  Federal  Indian

Federal or State Lease # \_\_\_\_\_

Distance from Completed Portion of Wellbore to Nearest Lease Line of described lease: 1500 Feet

## CULTURAL DISTANCE INFORMATION

Distance to nearest:

Building: 3700 Feet

Building Unit: 4600 Feet

High Occupancy Building Unit: 5280 Feet

Designated Outside Activity Area: 5280 Feet

Public Road: 2200 Feet

Above Ground Utility: 3780 Feet

Railroad: 5280 Feet

Property Line: 1500 Feet

### INSTRUCTIONS:

- All measurements shall be provided from center of the Proposed Well to nearest of each cultural feature as described in Rule 303.a.(5).

- Enter 5280 for distance greater than 1 mile.

- Building - nearest building of any type. If nearest Building is a Building Unit, enter same distance for both.

- Building Unit, High Occupancy Building Unit, and Designated Outside Activity Area - as defined in 100-Series Rules.

## DESIGNATED SETBACK LOCATION INFORMATION

Check all that apply. This location is within a:  Buffer Zone  
 Exception Zone  
 Urban Mitigation Area

- Buffer Zone – as described in Rule 604.a.(2), within 1,000' of a Building Unit

- Exception Zone - as described in Rule 604.a.(1), within 500' of a Building Unit.

- Urban Mitigation Area - as defined in 100-Series Rules.

Pre-application Notifications (required if location is within 1,000 feet of a building unit):

Date of Rule 305.a.(1) Urban Mitigation Area Notification to Local Government: \_\_\_\_\_

Date of Rule 305.a.(2) Buffer Zone Notification to Building Unit Owners: \_\_\_\_\_

## SPACING and UNIT INFORMATION

Distance from completed portion of proposed wellbore to nearest completed portion of offset wellbore permitted or completed in the same formation: 5280 Feet

Distance from Completed Portion of Wellbore to Nearest Unit Boundary \_\_\_\_\_ Feet (Enter 5280 for distance greater than 1 mile.)

Federal or State Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_

## SPACING & FORMATIONS COMMENTS

\_\_\_\_\_

## OBJECTIVE FORMATIONS

| Objective Formation(s) | Formation Code | Spacing Order Number(s) | Unit Acreage Assigned to Well | Unit Configuration (N/2, SE/4, etc.) |
|------------------------|----------------|-------------------------|-------------------------------|--------------------------------------|
| CRETACEOUS             | CRTC           |                         |                               |                                      |
| MISSISSIPPIAN          | MSSP           |                         |                               |                                      |
| PENNSYLVANIAN          | PENN           |                         |                               |                                      |

## DRILLING PROGRAM

Proposed Total Measured Depth: 8500 Feet

Distance from the proposed wellbore to nearest existing or proposed wellbore belonging to another operator, including plugged wells:

Enter distance if less than or equal to 1,500 feet: \_\_\_\_\_ Feet  No well belonging to another operator within 1,500 feet

Will a closed-loop drilling system be used? No

Is H<sub>2</sub>S gas reasonably expected to be encountered during drilling operations at concentrations greater than or equal to 100 ppm? No (If Yes, attach an H<sub>2</sub>S Drilling Operations Plan)

Will salt sections be encountered during drilling? No

Will salt based (>15,000 ppm Cl) drilling fluids be used? No

Will oil based drilling fluids be used? No

BOP Equipment Type:  Annular Preventor  Double Ram  Rotating Head  None

## GROUNDWATER BASELINE SAMPLING AND MONITORING AND WATER WELL SAMPLING

Water well sampling required per Rule 609

## DRILLING WASTE MANAGEMENT PROGRAM

Drilling Fluids Disposal: OFFSITE Drilling Fluids Disposal Methods: Commercial Disposal

Cuttings Disposal: ONSITE Cuttings Disposal Method: Drilling pit

Other Disposal Description:

Operator will follow the procedure allowed in the attached E&P Waste Management Plan for the handling of drilling fluids and cuttings on crop land.

Beneficial reuse or land application plan submitted? No

Reuse Facility ID: \_\_\_\_\_ or Document Number: \_\_\_\_\_

## CASING PROGRAM

| Casing Type | Size of Hole | Size of Casing | Wt/Ft | Csg/Liner Top | Setting Depth | Sacks Cmt | Cmt Btm | Cmt Top |
|-------------|--------------|----------------|-------|---------------|---------------|-----------|---------|---------|
| SURF        | 12+1/4       | 8+5/8          | 24    | 0             | 420           | 280       | 420     | 0       |
| 1ST         | 7+7/8        | 5+1/2          | 17    | 0             | 8500          | 410       | 8500    | 4450    |

Conductor Casing is NOT planned

## DESIGNATED SETBACK LOCATION EXCEPTIONS

Check all that apply:

- Rule 604.a.(1)A. Exception Zone (within 500' of Building Unit)
- Rule 604.b.(1)A. Exception Location (existing or approved Oil & Gas Location now within a Designated Setback as a result of Rule 604.a.)
- Rule 604.b.(1)B. Exception Location (existing or approved Oil & Gas Location is within a Designated Setback due to Building Unit construction after Location approval)
- Rule 604.b.(2) Exception Location (SUA or site-specific development plan executed on or before August 1, 2013)
- Rule 604.b.(3) Exception Location (Building Units constructed after August 1, 2013 within setback per an SUA or site-specific development plan)

## GREATER WATTENBERG AREA LOCATION EXCEPTIONS

Check all that apply:

- Rule 318A.a. Exception Location (GWA Windows).
- Rule 318A.c. Exception Location (GWA Twinning).

## RULE 502.b VARIANCE REQUEST

**OTHER LOCATION EXCEPTIONS**

Check all that apply:

- Rule 318.c. Exception Location from Rule or Spacing Order Number \_\_\_\_\_
- Rule 603.a.(2) Exception Location (Property Line Setback).

ALL exceptions and variances require attached Request Letter(s). Refer to applicable rule for additional required attachments (e.g. waivers, certifications, SUAs).

**OPERATOR COMMENTS AND SUBMITTAL**

Comments

This application is in a Comprehensive Drilling Plan \_\_\_\_\_ CDP #: \_\_\_\_\_

Location ID: \_\_\_\_\_

Is this application being submitted with an Oil and Gas Location Assessment application? Yes

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

Signed: \_\_\_\_\_ Print Name: Linda Boone

Title: Agent Date: 3/13/2017 Email: ldboonepar@aol.com

Operator must have a valid water right or permit allowing for industrial use or purchased water from a seller that has a valid water right or permit allowing for industrial use, otherwise an application for a change in type of use is required under Colorado law. Operator must also use the water in the location set forth in the water right decree or well permit, otherwise an application for a change in place of use is required under Colorado law. Section 37-92-103(5), C.R.S. (2011).

Based on the information provided herein, this Application for Permit-to-Drill complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved:  Director of COGCC Date: 4/28/2017

Expiration Date: 04/27/2019

|                   |
|-------------------|
| <b>API NUMBER</b> |
| 05 073 06720 00   |

## Conditions Of Approval

All representations, stipulations and conditions of approval stated in the Form 2A for this location shall constitute representations, stipulations and conditions of approval for this Form 2 Permit-to-Drill and are enforceable to the same extent as all other representations, stipulations and conditions of approval stated in this Permit-to-Drill.

### COA Type

### Description

|  |   |
|--|---|
|  | <p>Bradenhead tests shall be performed and reported according to the following schedule and Form 17 submitted within 10 days of each test.:</p> <ol style="list-style-type: none"><li>1) All: Within 60 days of rig release, prior to stimulation.</li><li>2) Delayed completion: 6 months after rig release, prior to stimulation.</li><li>3) All: Within 30 days of first production, as reported on Form 5A.</li></ol>   |
|  | <ol style="list-style-type: none"><li>1) Provide 48 hour notice prior to spud via electronic Form 42.</li><li>2) If production casing is set provide cement coverage to at least 200' above the shallowest completed interval or 200' above Marmaton, whichever is shallower, and across Cheyenne/Dakota interval (5000'-4450'). Run and submit CBL to verify cemented intervals.</li><li>3) If well is a dry hole set plugs at the following depths: 40 sks cement +/- 50' above the Osage, 40 sks cement +/- 50' above the Cherokee, 40 sks cement +/- 50' above the Marmaton, 40 sks cement across any DST w/ show, 40 sks cement at 5000', 40 sks cement at 4450', 50 sks cement from 50' below surface casing shoe up into surface casing, 15 sks cement in top of surface casing, cut 4 ft below GL, weld on plate, 5 sks cement each in rat hole and mouse hole.</li></ol> |

## Best Management Practices

| No | BMP/COA Type                   | Description   |
|----|--------------------------------|---|
| 1  | Storm Water/Erosion Control    | <p>BMP Plan<br/>                     Wiepking-Fullerton Energy, L.L.C.<br/>                     4600 S. Downing St.<br/>                     Englewood, CO 80113<br/>                     303-789-1798<br/>                     303-761-9067 (fax)<br/>                     Certification to Discharge<br/>                     Under<br/>                     CDPS General Permit COR-03000<br/>                     Stormwater Discharges Associated with Construction<br/>                     Certification Number COR 39788<br/>                     Red Poll #10-21 well<br/>                     T10S, R56W<br/>                     Sec. 21: NW1/4SE1/4<br/>                     Lincoln County, Colorado<br/>                     Description of Well Site and Construction Area<br/>                     1-3 acre site with access road for drilling of oil and gas well. Terrain is flat with active dryland farming operations.<br/>                     Prior to construction activities, structural stormwater BMPs will be installed around the perimeter of the disturbance boundary.<br/>                     Once the drill site is constructed, the following structural stormwater BMPs will be installed:<br/>                     Earthen Ditches and Berms and/or<br/>                     Surface roughening/surface rip and/or<br/>                     Sediment Trap with outfall.<br/>                     Additionally, the following BMPs to be utilized (if needed) may include, but are not limited to:<br/>                     Erosion control blankets<br/>                     Straw bale barrier<br/>                     Straw wattle<br/>                     Check dams<br/>                     Culvert/Culvert protection<br/>                     Silt fence<br/>                     A copy of the Stormwater Management Plan (SWMP) in reference to CDPHE permit No. COR039788 is located at the field office located at 46945 Co. Rd. 26, Limon, Colorado 80828.<br/>                     Reclamation activities will be performed per the COGCC 1000 Series Rules.<br/>                     Spill Prevention, Control and Countermeasure Plan is on file in Wiepking-Fullerton Energy, L.L.C. office<br/>                     2 Drilling/Completion</p> |
| 2  | Drilling/Completion Operations | <p>Open-hole Resistivity Log with Gamma Ray Log will be run from TD into the surface casing. A Cement Bond Log with Gamma-Ray will be run on production casing, or on intermediate casing if a production liner is run. The Form 5, Completion Report, will list all logs run and have those logs attached.</p>   |

Total: 2 comment(s)

### Applicable Policies and Notices to Operators

|   |
|---|
| Policy  |
| <p>Notice Concerning Operating Requirements for Wildlife Protection.<br/> <a href="http://cogcc.state.co.us/documents/reg/Policies/Wildlife_Notice.pdf">http://cogcc.state.co.us/documents/reg/Policies/Wildlife_Notice.pdf</a></p> |

### Attachment Check List

| Att Doc Num | Name                  |
|-------------|-----------------------|
| 401224235   | FORM 2 SUBMITTED      |
| 401225136   | WASTE MANAGEMENT PLAN |
| 401225165   | TOPO MAP              |
| 401225167   | WELL LOCATION PLAT    |

|           |                      |
|-----------|----------------------|
| 401231387 | 30 DAY NOTICE LETTER |
| 401231397 | OTHER                |
| 401236003 | SURFACE AGRMT/SURETY |

Total Attach: 7 Files

### General Comments

| <u>User Group</u> | <u>Comment</u>   | <u>Comment Date</u> |
|-------------------|--|---------------------|
| Permit            | Final Review Completed.  | 04/28/2017          |
| Permit            | Per Operator request, changed the following cultural distances:<br>Changed the distance from the well to the nearest building to 3700 feet<br>Changed the distance from the well to the nearest Building Unit to 4600 feet | 04/28/2017          |
| Permit            | 1) Corrected input error (typo) in SHL longitude to reflect well location plat.<br>2) Added water well sampling per Rule 609.  | 04/28/2017          |
| Engineer          | Operator (L.Boone) requested to change PTMD to 8500'.  | 04/25/2017          |
| LGD               | County Permit #1702  | 04/03/2017          |
| Permit            | Passed Completeness  | 03/21/2017          |
| Permit            | Returned to Draft:<br>-SUA contains monetary compensation  | 03/16/2017          |

Total: 7 comment(s)