

APPLICATION FOR PERMIT TO:

Drill Deepen Re-enter **Recomplete and Operate**

TYPE OF WELL	OIL <input checked="" type="checkbox"/>	GAS <input type="checkbox"/>	COALBED <input type="checkbox"/>	OTHER _____	Refilling <input type="checkbox"/>
ZONE TYPE	SINGLE ZONE <input checked="" type="checkbox"/>	MULTIPLE ZONES <input type="checkbox"/>	COMMINGLE ZONES <input type="checkbox"/>		Sidetrack <input type="checkbox"/>

Date Received:
10/25/2017

Well Name: Gaede Well Number: 9S-55W-8-16

Name of Operator: WIEPKING-FULLERTON ENERGY LLC COGCC Operator Number: 96340

Address: 8972 EAST 29TH PLACE

City: DENVER State: CO Zip: 80238

Contact Name: Linda Boone Phone: (720)941-0791 Fax: ()

Email: ldboonepar@aol.com

RECLAMATION FINANCIAL ASSURANCE
Plugging and Abandonment Bond Surety ID: 20090067

WELL LOCATION INFORMATION

QtrQtr: NWNE Sec: 8 Twp: 9S Rng: 55W Meridian: 6

Latitude: 39.286070 Longitude: -103.574840

Footage at Surface: 530 Feet FNL 2520 Feet FEL

Field Name: SHARKTOOTH Field Number: 77070

Ground Elevation: 5587 County: LINCOLN

GPS Data:
Date of Measurement: 12/05/2014 PDOP Reading: 1.7 Instrument Operator's Name: Robert Rubino

If well is Directional Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: FNL/FSL FEL/FWL Bottom Hole: FNL/FSL FEL/FWL

Sec: Twp: Rng: Sec: Twp: Rng:

LOCATION SURFACE & MINERALS & RIGHT TO CONSTRUCT

Surface Ownership: Fee State Federal Indian

The Surface Owner is: is the mineral owner beneath the location.
(check all that apply) is committed to an Oil and Gas Lease.
 has signed the Oil and Gas Lease.
 is the applicant.

The Mineral Owner beneath this Oil and Gas Location is: Fee State Federal Indian

The Minerals beneath this Oil and Gas Location will be developed by this Well: Yes

The right to construct the Oil and Gas Location is granted by: oil and gas lease

Surface damage assurance if no agreement is in place: _____ Surface Surety ID: _____

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.)

T9S R55W
SEC 6 137.75 ACRE TRACT
SEC 8 ALL
T9S R56W
SEC 6 LOTS 3, LOT 5, LOT 6, LOT 7, W2SW, SENW
T8S R55W
SEC 32 SE, SW
T8S R56W
SEC 6 ALL
SEC 23 371.96 ACRE TRACT
SEC 24 N2
SEC 28 N2, W2SE, SW
SEC 30 E2

Total Acres in Described Lease: 3601 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: 530 Feet

CULTURAL DISTANCE INFORMATION

Distance to nearest:

Building: 2350 Feet
Building Unit: 4100 Feet
High Occupancy Building Unit: 5280 Feet
Designated Outside Activity Area: 5280 Feet
Public Road: 1668 Feet
Above Ground Utility: 4210 Feet
Railroad: 5280 Feet
Property Line: 2520 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: 971 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			
PERMIAN	PRMN			

DRILLING PROGRAM

Proposed Total Measured Depth: 8556 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 H2S gas reasonably expected to be encountered during drilling operations at concentrations greater than or equal to 100 ppm? No (If Yes, attach an H2S 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: _____ Drilling Fluids Disposal Methods: _____

Cuttings Disposal: _____ Cuttings Disposal Method: _____

Other Disposal Description:

Beneficial reuse or land application plan submitted? _____

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	526	275	526	0
1ST	7+7/8	5+1/2	17	0	8522	618	8556	3290

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

Rule 502.b. Variance Request from COGCC Rule or Spacing Order Number _____

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

Set CIBP @ 7620'
Perforate Lower Lansing @ 7392-7402'
Treat with acid and test
If wet, squeeze 7392-7402'
Drill out cement and pressure test
Drill out CIBP @7620'
Perforate Cherokee A 7694-7704'
Treat with acid and test

A copy of the proposed completion procedure has been attached.

This application is in a Comprehensive Drilling Plan _____ CDP #: _____

Location ID: 439191

Is this application being submitted with an Oil and Gas Location Assessment application? No

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: 10/25/2017 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: *Matthew Lee* Director of COGCC Date: 12/9/2017

Expiration Date: 12/08/2019

API NUMBER
05 073 06665 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

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Best Management Practices

<u>No</u>	<u>BMP/COA Type</u>	<u>Description</u>
1	Storm Water/Erosion Control	<p>BMP Plan Wiepking-Fullerton Energy, L.L.C. 96 Glenmoor Ln Englewood, CO 80113 303-789-1798 303-761-9067 (fax) Certification to Discharge Under CDPS General Permit COR-03000 Stormwater Discharges Associated with Construction Certification Number COR 39788 Gaede 9S-55W-8-16 well T9S, R55W Sec. 8: NW1/4NE1/4 Lincoln County, Colorado Description of Well Site and Construction Area Recompletion at an existing, producing well site. Terrain is rolling hills with active dryland ranching operations. No surface impact is anticipated since this is an active site. Company will move in a workover rig without disturbing the existing location boundary. No changes will be required to the existing BMP's in place at the site. 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. Reclamation activities will be performed per the COGCC 1000 Series Rules. Spill Prevention, Control and Countermeasure Plan is on file in Wiepking-Fullerton Energy, L.L.C. office.</p>

Total: 1 comment(s)

Applicable Policies and Notices to Operators

Policy
Notice Concerning Operating Requirements for Wildlife Protection. http://cogcc.state.co.us/documents/reg/Policies/Wildlife_Notice.pdf

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401440768	FORM 2 SUBMITTED
401441077	OTHER
401441151	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Final Review Completed.	12/07/2017
Permit	Corrected as-drilled GPS data to reflect as-drilled GPS data already on file for this well (planned GPS data was input by mistake). Corrected right-to-construct from SUA to O&G lease to reflect original Form 2 filing. Input distance to nearest lease line to reflect original Form 2 filing and conform to lease description.	12/07/2017
LGD	County Permit # 14106	11/02/2017
Permit	Passed Completeness.	11/02/2017

Total: 4 comment(s)