

**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 _____	Refiling <input type="checkbox"/>
ZONE TYPE    SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONES <input checked="" type="checkbox"/> COMMINGLE ZONES <input type="checkbox"/>	Sidetrack <input type="checkbox"/>

Date Received:  
01/19/2014

Well Name: <u>Ma-State</u>	Well Number: <u># 10</u>
Name of Operator: <u>WIEPKING-FULLERTON ENERGY LLC</u>	COGCC Operator Number: <u>96340</u>
Address: <u>4600 S DOWNING ST</u>	
City: <u>ENGLEWOOD</u>	State: <u>CO</u>
	Zip: <u>80113</u>
Contact Name: <u>Jack Fincham</u>	Phone: <u>(303)906-3335</u>
	Fax: <u>(303)761-9067</u>
Email: <u>fincham4@msn.com</u>	

**RECLAMATION FINANCIAL ASSURANCE**  
 Plugging and Abandonment Bond Surety ID: 20090067

**WELL LOCATION INFORMATION**

QtrQtr: NESE    Sec: 24    Twp: 10S    Rng: 56W    Meridian: 6  
 Latitude: 39.162390    Longitude: -103.605590

Footage at Surface: 1980 feet    FNL/FSL FSL 660 feet    FEL/FWL FEL

Field Name: GREAT PLAINS    Field Number: 32756  
 Ground Elevation: 5268.65    County: LINCOLN

GPS Data:  
 Date of Measurement: 12/16/2013    PDOP Reading: 2.2    Instrument Operator's Name: Elijah Frane

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.)

All. Sec. 24, T10S, R56W

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

Federal or State Lease # 9370.7

Distance from Completed Portion of Wellbore to Nearest Lease Line of described lease: 660 Feet

**CULTURAL DISTANCE INFORMATION**

Distance to nearest:

Building: 3020 Feet

Building Unit: 5280 Feet

High Occupancy Building Unit: 5280 Feet

Designated Outside Activity Area: 5280 Feet

Public Road: 5280 Feet

Above Ground Utility: 3020 Feet

Railroad: 5280 Feet

Property Line: 660 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 Wellbore to Nearest Wellbore Permitted or Completed in the same formation: 1320 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.)
MISSISSIPPIAN	MSSP			
PENNSYLVANIAN	PENN			

**DRILLING PROGRAM**

Proposed Total Measured Depth: 8400 Feet

Distance to nearest permitted or existing wellbore penetrating objective formation: 1320 Feet (Including plugged wells)

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:     ONSITE          Drilling Fluids Disposal Methods:     Evaporation    

Cuttings Disposal:     ONSITE          Cuttings Disposal Method:     Drilling pit    

Other Disposal Description:

    Backfill mud pit when dry    

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	300	200	300	0
1ST	7+7/8	5+1/2	17	0	8400	300	8400	5500

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 No conductor casing will be used. Barb wire fence 435' Southwest of well pad will not be disturbed by drilling operations.

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: Jack Fincham

Title: Agent Date: 1/19/2014 Email: fincham4@msn.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: 3/26/2014

Expiration Date: 03/25/2016

**API NUMBER**

05 073 06587 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>1) Provide 48 hour notice prior to spud via electronic Form 42.</p> <p>2) If production casing is set provide cement coverage to at least 200' above the Marmaton and cement across Cheyenne/Dakota interval: (4750'-4050' minimum). Run and submit CBL to verify cemented intervals.</p> <p>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 Morrow, 40 sks cement +/- 50' above the Marmaton, 40 sks cement +/- 50' above any DST w/ show, 40 sks cement at 4750' up, 40 sks cement at 4050' up, 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.</p>
	<p>Open hole resistivity and gamma logs shall be run to describe the stratigraphy of the entire well bore and to adequately verify the setting depth of surface casing and aquifer coverage. On a multi-well pad, these open hole logs are only required on one of the first wells drilled on the pad and the Drilling Completion Report - Form 5 for every well on the pad shall identify which well was logged.</p>

## Best Management Practices

<b>No</b>	<b>BMP/COA Type</b>	<b>Description</b>
1	Storm Water/Erosion Control	<p>BMP Plan</p> <p>Wiepking-Fullerton Energy, L.L.C. 4600 S. Downing St. Englewood, CO 80113 303-789-1798 303-761-9067 (fax)</p> <p>Certification to Discharge Under CDPS General Permit COR-03000 Stormwater Discharges Associated with Construction</p> <p>Certification Number COR 39788</p> <p>Ma-State # 10 well T10S, R55W Sec. 24: NE1/4SE1/4 Lincoln County, Colorado</p> <p>Description of Well Site and Construction Area 1-3 acre site with access road for drilling of oil and gas well. Terrain is flat with native grass and sagebrush. Surface Roughening will be used on low side of drill site to reduce speed of runoff, increase infiltration, reduce erosion, trap sediment and prepare soil for reseeding. Drilling pits closed and reclaimed within 3 months weather permitting. To prevent soil erosion site will be disked and manure spread. Topsoil will be separated and spread on drill site as final operation before reseeding operations which will be completed within 6 months weather permitting.</p> <p>Stormwater Management Plan (SWMP) is on file in Wiepking-Fullerton Energy, L.L.C. office.</p> <p>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

Notice Concerning Operating Requirements for Wildlife Protection.

### Attachment Check List

<b>Att Doc Num</b>	<b>Name</b>
400542155	FORM 2 SUBMITTED
400542156	30 DAY NOTICE LETTER
400542157	PROPOSED BMPs
400542158	WELL LOCATION PLAT
400542159	OTHER
400542160	TOPO MAP

Total Attach: 6 Files

## General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Final review completed; no public comment received.	3/24/2014 5:08:42 PM
Engineer	Evaluated any existing wells within 1500' of proposed directional.	1/31/2014 4:41:49 PM
Permit	Notified State Land Board. Bond and surface location are in good order. per SLB 1/28/2014	1/28/2014 2:08:23 PM
LGD	County Permit #1403	1/21/2014 1:19:47 PM
Permit	Passed completeness.	1/21/2014 12:38:36 PM

Total: 5 comment(s)