

FORM

2

Rev  
12/05

## State of Colorado

## Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

400361773

Date Received:

12/24/2012

PluggingBond SuretyID

20120044

## APPLICATION FOR PERMIT TO:

1. ☒ Drill, ☐ Deepen, ☐ Re-enter, ☐ Recomplete and Operate

## 2. TYPE OF WELL

OIL ☒ GAS ☐ COALBED ☐ OTHER \_\_\_\_\_  
SINGLE ZONE ☐ MULTIPLE ☒ COMMINGLE ☒Refiling ☐Sidetrack ☐

3. Name of Operator: CASCADE PETROLEUM LLC

4. COGCC Operator Number: 10414

5. Address: 1331 17TH STREET #400

City: DENVER State: CO Zip: 80202

6. Contact Name: SAM SCHUESSLER Phone: (303)407-6512 Fax: (303)407-6501

Email: sschuessler@cascadepetroleum.com

7. Well Name: FORRISTALL STATE Well Number: 36-11S-56W-02

8. Unit Name (if appl): Unit Number:

9. Proposed Total Measured Depth: 8400

## WELL LOCATION INFORMATION

10. QtrQtr: SWNE Sec: 36 Twp: 11S Rng: 56W Meridian: 6

Latitude: 39.047860 Longitude: -103.618390

Footage at Surface: 2540 feet FNL/FSL 2540 feet FEL/FWL  
FNL FEL

11. Field Name: WILDCAT Field Number: 99999

12. Ground Elevation: 5382 13. County: LINCOLN

## 14. GPS Data:

Date of Measurement: 12/21/2012 PDOP Reading: 1.7 Instrument Operator's Name: ROBERT J RUBINO

15. 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:

16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No

17. Distance to the nearest building, public road, above ground utility or railroad: 2200 ft

18. Distance to nearest property line: 350 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 5280 ft

## 20. LEASE, SPACING AND POOLING INFORMATION

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			

21. Mineral Ownership: ☐ Fee ☒ State ☐ Federal ☐ Indian Lease #: 9378.722. Surface Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian23. Is the Surface Owner also the Mineral Owner? ☐ Yes ☒ No Surface Surety ID#:23a. If 23 is Yes: Is the Surface Owner(s) signature on the lease? ☐ Yes ☐ No23b. If 23 is No: ☒ Surface Owners Agreement Attached or ☐ \$25,000 Blanket Surface Bond ☐ \$2,000 Surface Bond ☐ \$5,000 Surface Bond

24. Using standard QtrQtr, Sec, Twp, Rng format enter entire mineral lease description upon which this proposed wellsite is located (attach separate sheet/map if you prefer):

36-11S-56W: All

25. Distance to Nearest Mineral Lease Line: 2540 ft

26. Total Acres in Lease: 640

### DRILLING PLANS AND PROCEDURES

27. Is H2S anticipated? ☐ Yes ☒ No If Yes, attach contingency plan.

28. Will salt sections be encountered during drilling? ☐ Yes ☒ No

29. Will salt (>15,000 ppm TDS CL) or oil based muds be used during drilling? ☐ Yes ☒ No

30. If questions 28 or 29 are yes, is this location in a sensitive area (Rule 901.e)? ☐ Yes ☒ No

31. Mud disposal: ☐ Offsite ☒ Onsite

If 28, 29, or 30 are "Yes" a pit permit may be required.

Method: ☐ Land Farming ☐ Land Spreading ☐ Disposal Facility Other: evaporate then bury

Note: The use of an earthen pit for Recompletion fluids requires a pit permit (Rule 905b). If air/gas drilling, notify local fire officials.

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	9+5/8	36	0	500	174	500	0
1ST	7+7/8	5+1/2	17	0	8,400	904	8,400	0

32. BOP Equipment Type: ☒ Annular Preventer ☒ Double Ram ☐ Rotating Head ☐ None

33. Comments distance to nearest well permitted/completed in same formation > 1 mile ----- conductor casing will not be used

34. Location ID: \_\_\_\_\_

35. Is this application in a Comprehensive Drilling Plan ? ☐ Yes ☐ No

36. Is this application part of submitted Oil and Gas Location Assessment ? ☒ Yes ☐ No

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

Signed: \_\_\_\_\_ Print Name: SAM SCHUESSLER

Title: ENGINEERING TECH Date: 12/24/2012 Email: sschuessler@cascadepetroleu

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: 1/17/2013

#### API NUMBER

05 073 06497 00

Permit Number: \_\_\_\_\_ Expiration Date: 1/16/2015

#### CONDITIONS OF APPROVAL, IF ANY:

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.

- 1) Provide 48 hour notice prior to spud via electronic Form 42.
- 2) If production casing is set provide cement coverage to at least 200' above the shallowest completed interval or Atoka, whichever is shallower and cement Cheyenne/Dakota interval (4500'-3800' minimum). Run and submit CBL to verify cemented intervals.
- 3) If well is a dry hole set plugs at the following depths: 40 sks cement +/- 50' above the Mississippian, 40 sks cement +/- 50' above the Atoka, 40 sks cement +/- 50' above any DST w/ show, 40 sks cement at 4500' up, 40 sks cement at 3800' 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.

### **Applicable Policies and Notices to Operators**

Notice Concerning Operating Requirements for Wildlife Protection.

### **Attachment Check List**

Att Doc Num	Name
2485051	SURFACE CASING CHECK
400361773	FORM 2 SUBMITTED
400361780	WELL LOCATION PLAT
400361781	TOPO MAP
400361782	SURFACE AGRMT/SURETY
400361783	LGD CONSULTATION
400361784	CONSULT NOTICE
400361785	30 DAY NOTICE LETTER

Total Attach: 8 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	Final review completed; no public comment received.	1/16/2013 12:49:00 PM
Permit	Operator has planned a horizontal well 421 feet from this verticle well. Cascade wishes this vertical well be approved, leaving the horizontal application in a status of hold until proper measures can be taken to make the horizontal well legal.	1/16/2013 12:44:13 PM
Permit	In compliance with the State Land Board.	1/16/2013 12:40:33 PM
LGD	County Permit #1263	1/3/2013 10:36:19 AM
Permit	On hold - They have not posted a bond with the SLB.	1/2/2013 2:54:45 PM
Permit	On hold - Operator still working out details with SLB.	12/26/2012 12:19:16 PM
Permit	Notified the State land Board.	12/26/2012 7:01:15 AM
Permit	This form passed completeness.	12/25/2012 3:09:21 PM

Total: 8 comment(s)

### **BMP**

<b><u>Type</u></b>	<b><u>Comment</u></b>

Total: 0 comment(s)