

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:

400405087

Date Received:

04/23/2013

PluggingBond SuretyID

20080134

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: PINE RIDGE OIL & GAS LLC

4. COGCC Operator Number: 10276

5. Address: 600 17TH ST STE 800S

City: DENVER State: CO Zip: 80202

6. Contact Name: Paul Gottlob Phone: (303)226-1316 Fax: (303)226-1301

Email: paul.gottlob@cometridgeresources.com

7. Well Name: Tornado Well Number: 12-53-8-2

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

9. Proposed Total Measured Depth: 7800

WELL LOCATION INFORMATION

10. QtrQtr: NWNE Sec: 8 Twp: 12S Rng: 53W Meridian: 6

Latitude: 39.023170 Longitude: -103.357390

Footage at Surface: 230 feet FNL 2315 feet FEL

11. Field Name: Wildcat Field Number: 99999

12. Ground Elevation: 4869 13. County: LINCOLN

14. GPS Data:

Date of Measurement: 04/04/2013 PDOP Reading: 2.9 Instrument Operator's Name: Elijah Frane

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  
251 FSL 892 FEL 264 FSL 882 FEL  
Sec: 5 Twp: 12S Rng: 53W Sec: 5 Twp: 12S Rng: 53W

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: 3208 ft

18. Distance to nearest property line: 230 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 5930 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.)
CHEROKEE-MORROW	CKEMW			
MARMATON	MRTN			
MISSISSIPPIAN-KEYES	MS-KY			

21. Mineral Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian Lease #: \_\_\_\_\_

22. Surface Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian

23. 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 ☐ No

23b. 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):

ALL: Sec. 8, T12S, R53W; See attached lease that includes section 5.

25. Distance to Nearest Mineral Lease Line: 251 ft 26. Total Acres in Lease: 17000

### 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: Evaporation & burial.

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
CONDUCTOR	20+0/0	16+0/0	48	0	100	65	100	0
SURF	12+1/4	8+5/8	32	0	2,250	565	2,250	0
1ST	7+7/8	5+1/2	17	0	7,800	680	7,800	1,000

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

33. Comments SUA is in process and will be submitted as soon as signed & received.

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: Paul Gottlob

Title: Sr. Engineering Tech. Date: 4/23/2013 Email: paul.gottlob@cometridgeresour

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: 7/21/2013

#### API NUMBER

05 073 06544 00

Permit Number: \_\_\_\_\_ Expiration Date: 7/20/2015

#### 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 MRTN whichever is shallower and stage cement Cheyenne/Dakota (3600'-2900' 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 MRTN, 40 sks cement across any DST w/ show, 40 sks cement at 3600' up, 40 sks cement at 2900' 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.

### **Attachment Check List**

Att Doc Num	Name
2486424	SURFACE CASING CHECK
2518359	CONSULT NOTICE
2518383	SURFACE AGRMT/SURETY
2518499	POOLING DECLARATION
400405087	FORM 2 SUBMITTED
400405445	OTHER
400405448	OTHER
400405451	NRCS MAP UNIT DESC
400405452	NRCS MAP UNIT DESC
400405995	OIL & GAS LEASE
400406013	LOCATION PICTURES
400406018	WELL LOCATION PLAT
400406020	ACCESS ROAD MAP
400406021	HYDROLOGY MAP
400406022	TOPO MAP
400406026	PROPOSED BMPs
400406657	WELL LOCATION PLAT
400406658	WELL LOCATION PLAT
400407703	DEVIATED DRILLING PLAN
400407707	DEVIATED DRILLING PLAN
400408112	CONSULT NOTICE
400409248	DIRECTIONAL DATA

Total Attach: 22 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.	7/12/2013 8:48:30 AM
Permit	Operator submitted pooling declaration.	7/9/2013 6:11:59 AM
Permit	Operator updated permit with an SUA. Waiting on pooling information.	5/3/2013 6:00:14 AM
Permit	On hold - A pooling declaration may be necessary since well location is 251 feet from the lease line.	4/26/2013 2:19:01 PM
Permit	On hold - SUA in process. Will be submitted when signed.	4/26/2013 2:03:04 PM
LGD	County Permit #1346	4/26/2013 9:07:42 AM
Permit	Passed for completeness.	4/25/2013 7:12:20 AM
Permit	RTD: Comment made about the SUA received. It will suffice for completeness check. Still need directional data template filled in and imported.	4/24/2013 2:44:49 PM
Permit	RTD: Directional data missing Surface location appears to be on a different lease than mineral lease as attached. may require an SUA.	4/24/2013 11:40:32 AM

Total: 9 comment(s)

**BMP**

<b><u>Type</u></b>	<b><u>Comment</u></b>
Drilling/Completion Operations	See attachment.

Total: 1 comment(s)