

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:

400328179

Date Received:

10/05/2012

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: Frog Pond Well Number: 13-54-12-1

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

9. Proposed Total Measured Depth: 7600

WELL LOCATION INFORMATION

10. QtrQtr: NENE Sec: 12 Twp: 13S Rng: 54W Meridian: 6

Latitude: 38.933919 Longitude: -103.388747

Footage at Surface: 975 feet FNL 771 feet FEL

11. Field Name: Wildcat Field Number: \_\_\_\_\_

12. Ground Elevation: 4839 13. County: LINCOLN

14. GPS Data:

Date of Measurement: 09/26/2012 PDOP Reading: 1.6 Instrument Operator's Name: DAVID MACDONALD

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: 943 ft

18. Distance to nearest property line: 771 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1660 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	CHRK			
Marmaton	MRTN			
Morrow	MRRW			

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):

Township 13 South, Range 54 West, 6th PM: Sec. 12: All and lands in other sections.

25. Distance to Nearest Mineral Lease Line: 771 ft 26. Total Acres in Lease: 3040

### 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	24	16	65	0	60	50	60	0
SURF	12+1/4	8+5/8	24	0	430	256	430	0
1ST	7+7/8	5+1/2	17	0	7,600	1,050	7,600	0

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

33. Comments

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: 10/5/2012 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: 10/31/2012

#### API NUMBER

05 073 06487 00

Permit Number: \_\_\_\_\_ Expiration Date: 10/30/2014

#### 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 Marmaton, whichever is shallower and cement Cheyenne/Dakota interval (3350'-2750' 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 Morrow, 40 sks cement +/- 50' above the Cherokee, 40 sks cement +/- 50' above the Marmaton, 40 sks cement +/- 50' above any DST w/ show, 40 sks cement at 3350' up, 40 sks cement at 2750' 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
2172847	SURFACE CASING CHECK
2518004	CONSULT NOTICE
2518037	SURFACE AGRMT/SURETY
400328179	FORM 2 SUBMITTED
400333598	LEGAL/LEASE DESCRIPTION
400333642	ACCESS ROAD MAP
400333643	HYDROLOGY MAP
400333644	LOCATION DRAWING
400333647	LOCATION PHOTO
400333653	REFERENCE AREA MAP
400333654	REFERENCE AREA PICTURES
400333658	WELL LOCATION PLAT
400333659	TOPO MAP
400333684	LEASE MAP
400333868	DRILLING PLAN
400333904	OTHER
400333905	OTHER
400333906	PROPOSED BMPs
400334090	PROPOSED BMPs

Total Attach: 19 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 or LGD comments.	10/29/2012 3:11:31 PM
LGD	Passed by LGD	10/22/2012 2:16:11 PM
Permit	Updated permit with SUA and consultation letter.	10/11/2012 8:47:17 AM
Permit	Changed right to construct on Form 2A to lease since the surface owner is the mineral and their name is on the lease.	10/11/2012 7:21:04 AM
Permit	This form passed completeness.	10/7/2012 4:58:07 PM

Total: 5 comment(s)

## **BMP**

Type

Comment

Storm Water/Erosion Control

See attachment.

Total: 1 comment(s)