

FORM
2

Rev
12/05

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



| | | | |
|----|----|----|----|
| DE | ET | OE | ES |
|----|----|----|----|

APPLICATION FOR PERMIT TO:

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

2. TYPE OF WELL

OIL ☒ GAS ☐ COALBED ☐ OTHER _____
SINGLE ZONE ☒ MULTIPLE ZONE ☐ COMMINGLE ZONE ☐

Refiling ☐
Sidetrack ☐

Document Number:

400065631

Plugging Bond Surety

20080134

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: Moe Felman Phone: (303)226-1300 Fax: (303)226-1301
Email: moe.felman@cometridgeresources.com

7. Well Name: Cutthroat Well Number: 32-29

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

9. Proposed Total Measured Depth: 3620

WELL LOCATION INFORMATION

10. QtrQtr: SWNE Sec: 29 Twp: 19S Rng: 69W Meridian: 6
Latitude: 38.368695 Longitude: -105.133818

Footage at Surface: 1950 FNL/FSL FNL 2321 FEL/FWL FEL

11. Field Name: Florence-Canon City Field Number: 24600

12. Ground Elevation: 5286 13. County: FREMONT

14. GPS Data:

Date of Measurement: 06/01/2010 PDOP Reading: 3.0 Instrument Operator's Name: Chris Pearson

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

Footage at Top of Prod Zone: FNL/FSL 2604 FNL 1776 FEL 2604 FEL 1776 FEL
Sec: 29 Twp: 19S Rng: 69W Sec: 29 Twp: 19S Rng: 69W

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: 5280 ft

18. Distance to nearest property line: 267 ft 19. Distance to nearest well permitted/completed in the same formation: 7505 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.) |
|------------------------|----------------|-------------------------|-------------------------------|--------------------------------------|
| Pierre | Ppre | | | |

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#: 20080135

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):
See attached Lease Description

25. Distance to Nearest Mineral Lease Line: _____ 26. Total Acres in Lease: 480

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 27 or 28 are yes, is this location in a sensitive area (Rule 903)? ☐ Yes ☒ No If 28, 29, or 30 are "Yes" a pit permit may be required.

31. Mud disposal: ☐ Offsite ☒ Onsite

Method: ☐ Land Farming ☐ Land Spreading ☐ Disposal Facility Other: Evaporation and 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 | Weight Per Foot | Setting Depth | Sacks Cement | Cement Bottom | Cement Top |
|-------------|--------------|----------------|-----------------|---------------|--------------|---------------|------------|
| CONDUCTOR | 24 | 16 | 1/4 WT | 50 | 70 | 50 | |
| SURF | 12+1/4 | 8+5/8 | 24.0 ppf | 700 | 250 | 700 | |
| 1ST LINER | 7+7/8 | 5+1/2 | 15.5 ppf | 3,620 | | | |

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

33. Comments We are looking to add this well to our current drilling program, due to rig availability we wish to waive the 20 day comment/wait period. Attached you will find waivers from the operator (Pine Ridge Oil & Gas LLC) and the LGD of Fremont County. The Land owner waiver will be supplied 6-7-2010. Mineral Lease Map is the same map as supplied for the Patti 32-29 and Special K 32-29 wells previously permitted on this well pad. A form 4 Sundry will be provided 6-7-2010 for the amending of the Patti Special pad to include this third well. If you have any questions please contact me. Timothy J. Engl 303-226-1316. Called operator on 6-9-10 to add Patti Special Pad 32-29 Loc. Id. 322241 to Item 34.; Doc#2095131 Approved on 3-2-2010; Signed waivers attached Monday 6-7-2010 JLV. Florence Field Exception. Adding a third well to Drilling Pad

34. Location ID: 322241

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: Moe Felman

Title: Sr Operations Engineer Date: 6/4/2010 Email: moe.felman@cometridgeresour

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: David S. Neslin Director of COGCC Date: 6/11/2010

Permit Number: _____ Expiration Date: 6/10/2012

API NUMBER

05 043 06191 00

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 of MIRU to Mike Leonard at 719-767-2805 or e-mail at mike.leonard@state.co.us.
- 2) Comply with Rule 321. Run and submit directional survey from TD to surface. Ensure that the wellbore complies with setback requirements in commission orders or rules prior to producing the well.
- 3) If well is a dry hole, set 50 sks cement at surface casing shoe, 15 sks cement in top of surface casing, cut off casing 4' below GL, weld on plate, 5 sks cement in rat hole & 5 sks cement in mouse hole.

Attachment Check List

| Att Doc Num | Name | Doc Description |
|-------------|-------------------------|----------------------|
| 2586030 | WAIVERS | LF@2486721 2586030 |
| 400065631 | FORM 2 SUBMITTED | LF@2486701 400065631 |
| 400067227 | WELL LOCATION PLAT | LF@2486702 400067227 |
| 400067228 | TOPO MAP | LF@2486703 400067228 |
| 400067230 | DEVIATED DRILLING PLAN | LF@2486704 400067230 |
| 400067231 | DEVIATED DRILLING PLAN | LF@2486705 400067231 |
| 400067233 | MULTI-WELL PLAN | LF@2486706 400067233 |
| 400067240 | LOCATION PICTURES | LF@2486707 400067240 |
| 400067243 | WAIVERS | LF@2486714 400067243 |
| 400067244 | LEGAL/LEASE DESCRIPTION | LF@2486716 400067244 |
| 400067246 | WAIVERS | LF@2486718 400067246 |

Total Attach: 11 Files