

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



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## 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:

400094509

Plugging Bond Surety

20080134

3. Name of Operator: PINE RIDGE OIL & GAS LLC4. COGCC Operator Number: 102765. Address: 600 17TH ST STE 800SCity: DENVER State: CO Zip: 802026. Contact Name: Moe Felman Phone: (303)226-6860 Fax: (303)226-1301Email: moe.felman@cometridgeresources.com7. Well Name: MACKINAW Well Number: 22-28

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

9. Proposed Total Measured Depth: 3500

## WELL LOCATION INFORMATION

10. QtrQtr: SENW Sec: 28 Twp: 19S Rng: 69W Meridian: 6Latitude: 38.367497 Longitude: -105.118059
 Footage at Surface: 2412 FNL/FSL FNL 2196 FEL/FWL FWL
11. Field Name: Florence-Canon City Field Number: 2460012. Ground Elevation: 5331 13. County: FREMONT

## 14. GPS Data:

Date of Measurement: 09/21/2010 PDOP Reading: 1.8 Instrument Operator's Name: Chris Pearson15. If well is ☒ Directional ☐ Horizontal (highly deviated) **submit deviated drilling plan.**
 Footage at Top of Prod Zone: FNL/FSL 2156 FNL 1282 FWL 2156 FNL 1282 FWL  
 Bottom Hole: FNL/FSL 2156 FNL 1282 FWL  
 Sec: 28 Twp: 19S Rng: 69W Sec: 28 Twp: 19S Rng: 69W
16. Is location in a high density area? (Rule 603b)? ☒ Yes ☐ No17. Distance to the nearest building, public road, above ground utility or railroad: 462 ft18. Distance to nearest property line: 225 ft 19. Distance to nearest well permitted/completed in the same formation: 690 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	PRRE			

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 Bon ☐ \$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):  
Refer to attached mineral lease description document

25. Distance to Nearest Mineral Lease Line: 200 ft 26. Total Acres in Lease: 2584

### 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	0
SURF	12+1/4	8+5/8	24	580	135	580	0
1ST	7+7/8	5+1/2	15.5				

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: Moe Felman

Title: Drilling Manager Date: \_\_\_\_\_ 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: \_\_\_\_\_ Director of COGCC Date: \_\_\_\_\_

**API NUMBER**

05

Permit Number: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

**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.

**Attachment Check List**

Att Doc Num	Name	Doc Description
400094517	PLAT	MACKINAW 22-28 19S69W28 Well Cert.pdf
400094518	LEASE MAP	Mackinaw 22-28 Lease Map.pdf
400094519	LEGAL/LEASE DESCRIPTION	Mackinaw 22-28 Lease Legal Desc.pdf
400094521	TOPO MAP	Mackinaw 22-28 Topographic Map.pdf
400094522	DEVIATED DRILLING PLAN	Mackinaw 22-28_DirPlan_Ver 1_092210.pdf

Total Attach: 5 Files