

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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Document Number:

400046059

Plugging Bond Surety

20080134

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 ☐

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: Liberty Well Number: 33-3

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

9. Proposed Total Measured Depth: 5132

WELL LOCATION INFORMATION

10. QtrQtr: NWSE Sec: 3 Twp: 20S Rng: 69W Meridian: 6

Latitude: 38.337289 Longitude: -105.095974

Footage at Surface: 2520 FNL/FSL FSL 2326 FEL/FWL FEL

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

12. Ground Elevation: 5559 13. County: FREMONT

14. GPS Data:

Date of Measurement: 02/18/2010 PDOP Reading: 4.0 Instrument Operator's Name: Travis Kraich

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

Footage at Top of Prod Zone: FNL/FSL 80 FNL 567 FEL 567 FEL 567 FEL 567
Bottom Hole: FNL/FSL 80 FNL 567 FEL 567 FEL 567
Sec: 3 Twp: 20S Rng: 69W Sec: 3 Twp: 20S 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: 2968 ft

18. Distance to nearest property line: 1470 ft 19. Distance to nearest well permitted/completed in the same formation: 850 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 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):
Attached as attachment

25. Distance to Nearest Mineral Lease Line: 1470 26. Total Acres in Lease: 2583

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+7/8	.25	50	70	50	
SURF	12+1/4	9+5/8	32.3	500	150	500	
1ST	8+3/4	7	23.0	2,800	25	2,800	2,600
2ND	8+3/4	7	23.0	2,800	25	2,800	2,600
1ST LINER	6+1/4	4+1/2	11.6	5,170			
2ND LINER	6+1/4	4+1/2	11.6	5,170			

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

33. Comments TOL @ 2,700'

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: Senior Operation Engineer Date: 3/19/2010 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. Nesline Director of COGCC Date: 4/15/2010

Permit Number: _____ Expiration Date: 4/14/2012

API NUMBER

05 043 06187 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
400046075	DEVIATED DRILLING PLAN	LF@2439872 400046075
400046076	TOPO MAP	LF@2439873 400046076
400046077	WELL LOCATION PLAT	LF@2439874 400046077
400046079	30 DAY NOTICE LETTER	LF@2439875 400046079
400046083	LEGAL/LEASE DESCRIPTION	LF@2439876 400046083
400046216	LEASE MAP	LF@2439877 400046216
400048713	DEVIATED DRILLING PLAN	LF@2439878 400048713
400050670	FORM 2 SUBMITTED	LF@2441464 400050670

Total Attach: 8 Files