

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:

400011796

Plugging Bond Surety

20040083

## 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: PIONEER NATURAL RESOURCES USA INC4. COGCC Operator Number: 100845. Address: 1401 17TH ST STE 1200City: DENVER State: CO Zip: 802026. Contact Name: Georgina Kovacik Phone: (303)675-2611 Fax: (303)294-1251Email: georgina.kovacik@pxd.com7. Well Name: Rattler Well Number: 33-23 Tr8. Unit Name (if appl): NA Unit Number: NA9. Proposed Total Measured Depth: 1400

## WELL LOCATION INFORMATION

10. QtrQtr: NW/SE Sec: 23 Twp: 33S Rng: 67W Meridian: 6Latitude: 37.154480 Longitude: -104.853580
 Footage at Surface: 1716 FNL/FSL FSL 1703 FEL/FWL FEL
11. Field Name: Purgatoire River Field Number: 7083012. Ground Elevation: 7323 13. County: LAS ANIMAS

## 14. GPS Data:

Date of Measurement: 09/29/2009 PDOP Reading: 4.0 Instrument Operator's Name: R. Coberly15. 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 ☒ No17. Distance to the nearest building, public road, above ground utility or railroad: 100018. Distance to nearest property line: 404 19. Distance to nearest well permitted/completed in the same formation: \_\_\_\_\_

## 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.)
Raton	RTON	NA		NA

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):  
See Attached

25. Distance to Nearest Mineral Lease Line: \_\_\_\_\_ 404 \_\_\_\_\_ 26. Total Acres in Lease: \_\_\_\_\_ 7074 \_\_\_\_\_

### 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: Drilling pit

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	12+3/4	12+3/4	33.38	6			
SURF	11+7/8	8+5/8	24	540	113	540	0
S.C. 1.1	7+7/8	5+1/2	15.5	1,400	207	1,400	0

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

33. Comments Surface casing exception required for 540' COGCC requires a casing depth of 630'. This would leave behind ~8ft (25%) of Net Raton Coal. Deepest water well is 3655 feet to the NE.

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: Georgina Kovacik

Title: Engineering Tech Date: 10/30/2009 Email: georgina.kovacik@pxd.com

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**

05 071 09673 00

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

**CONDITIONS OF APPROVAL, IF ANY:** \_\_\_\_\_

### **Attachment Check List**

Att Doc Num	Name	Doc Description
400012561	FORM 2 SUBMITTED	400012561.pdf
400012562	WELL LOCATION PLAT	WellPlat_Rattler_33-23_TR_rev.pdf
400012563	TOPO MAP	Topo_Rattler_33-23_TR_rev.pdf
400012564	30 DAY NOTICE LETTER	NOS_Rattler_resend.pdf
400012565	CONSULT NOTICE	LOCConsult_Rattler_33-23_TR.pdf
400012566	LEGAL/LEASE DESCRIPTION	LeaseDesc_Rattler_Tr.pdf
400012567	CONST. LAYOUT DRAWINGS	Layout_Rattler_33-23_TR_rev.pdf

Total Attach: 7 Files