

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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| DE | ET | OE | ES |
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Document Number:

400022884

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 INC

4. COGCC Operator Number: 10084

5. Address: 1401 17TH ST STE 1200

City: DENVER State: CO Zip: 80202

6. Contact Name: Georgina Kovacic Phone: (303)675-2611 Fax: (303)294-1251

Email: georgina.kovacic@pxd.com

7. Well Name: Boof Well Number: 12-2 Tr

8. Unit Name (if appl): Cottontail Pass Unit Number: COC59968A

9. Proposed Total Measured Depth: 2190

WELL LOCATION INFORMATION

10. QtrQtr: SWNW Sec: 2 Twp: 33S Rng: 67W Meridian: 6

Latitude: 37.202000 Longitude: -104.864470

Footage at Surface: 2084 FNL/FSL FNL 391 FEL/FWL FWL

11. Field Name: Purgatoire River Field Number: 70830

12. Ground Elevation: 7710 13. County: LAS ANIMAS

14. GPS Data:

Date of Measurement: 10/23/2008 PDOP Reading: 2.7 Instrument Operator's Name: R. Coberly

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: 2875 ft

18. Distance to nearest property line: 391 ft 19. Distance to nearest well permitted/completed in the same formation: 1430 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.) |
|------------------------|----------------|-------------------------|-------------------------------|--------------------------------------|
| 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#: 20040084

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: 391 ft 26. Total Acres in Lease: 161

### 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           | 8+5/8          | 24              | 720           | 148          | 720           | 0          |
| 1ST         | 7+7/8        | 5+1/2          | 15.5            | 2,190         | 324          | 2,190         | 0          |

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

33. Comments All conditions remain the same as previously submitted and approved.

34. Location ID: 386827

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: 12/16/2009 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: David S. Neslin Director of COGCC Date: 1/28/2010

API NUMBER

05 071 09754 00

Permit Number: \_\_\_\_\_ Expiration Date: 1/27/2012

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 John Duran at 719-846-4715 or email John.Duran@state.co.us. 2) Provide cement coverage of production casing from TD to 50' above surface casing shoe. Verify coverage with cement bond log. 3) Immediately cease operations and notify the COGCC in the event of any operational problem that could potentially impact water wells in the area.

### **Attachment Check List**

| Att Doc Num | Name                    | Doc Description          |
|-------------|-------------------------|--------------------------|
| 2098844     | SURFACE CASING CHECK    | LF@2215408 2098844.00000 |
| 400022917   | WELL LOCATION PLAT      | LF@2204866 400022917     |
| 400022918   | TOPO MAP                | LF@2204867 400022918     |
| 400022919   | CONSULT NOTICE          | LF@2204868 400022919     |
| 400022920   | CONST. LAYOUT DRAWINGS  | LF@2204869 400022920     |
| 400022921   | LEGAL/LEASE DESCRIPTION | LF@2204870 400022921     |
| 400022923   | 30 DAY NOTICE LETTER    | LF@2204871 400022923     |
| 400022924   | SURFACE AGRMT/SURETY    | LF@2204872 400022924     |
| 400022973   | FORM 2 SUBMITTED        | LF@2204873 400022973     |

Total Attach: 9 Files