

FORM  
2

Rev  
12/05

State of Colorado  
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

400364230

Date Received:

01/09/2013

PluggingBond SuretyID

20040083

APPLICATION FOR PERMIT TO:

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

2. TYPE OF WELL

OIL ☒ GAS ☐ COALBED ☐ OTHER \_\_\_\_\_  
SINGLE ZONE ☐ MULTIPLE ☒ COMMINGLE ☐

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: DeAnne Spector Phone: (303)928-7128 Fax: ()

Email: dspector@petro-fs.com

7. Well Name: Long View Farm Well Number: 33-19

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

9. Proposed Total Measured Depth: 6950

WELL LOCATION INFORMATION

10. QtrQtr: NWSE Sec: 19 Twp: 16S Rng: 53W Meridian: 6

Latitude: 38.645222 Longitude: -103.383664

Footage at Surface: 2167 feet FNL/FSL 2567 feet FEL/FWL FEL

11. Field Name: Wildcat Field Number: 99999

12. Ground Elevation: 4876 13. County: LINCOLN

14. GPS Data:

Date of Measurement: 11/12/2012 PDOP Reading: 1.2 Instrument Operator's Name: Ben Hardenbergh

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: 5280 ft

18. Distance to nearest property line: 2567 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 5280 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.) |
|------------------------|----------------|-------------------------|-------------------------------|--------------------------------------|
| Atoka                  | ATOK           | unspaced                |                               |                                      |
| Cherokee               | CHRK           | unspaced                |                               |                                      |
| Marmaton               | MRTN           | unspaced                |                               |                                      |
| Mississippian          | MSSP           | unspaced                |                               |                                      |

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 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):  
T16S-R53W, Sec. 19: Lots 1, 2, 3, 4, E/2W/2, E/2

25. Distance to Nearest Mineral Lease Line: 2167 ft 26. Total Acres in Lease: 629

### 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 28 or 29 are yes, is this location in a sensitive area (Rule 901.e)? ☐ Yes ☐ No

31. Mud disposal: ☐ Offsite ☒ Onsite **If 28, 29, or 30 are "Yes" a pit permit may be required.**

Method: ☐ Land Farming ☐ Land Spreading ☐ Disposal Facility Other: Reserve Pit, pit will be lined

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 | Wt/Ft | Csg/Liner Top | Setting Depth | Sacks Cmt | Cmt Btm | Cmt Top |
|-------------|--------------|----------------|-------|---------------|---------------|-----------|---------|---------|
| CONDUCTOR   | 16           | 13+3/8         |       | 0             | 80            |           | 80      | 0       |
| SURF        | 12+1/4       | 8+5/8          | 32    | 0             | 3,010         | 2,070     | 3,010   | 0       |
| 1ST         | 7+7/8        | 5+1/2          | 17    | 0             | 6,950         | 930       | 6,950   | 0       |

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: DeAnne Spector

Title: Regulatory Analyst Date: 1/9/2013 Email: dspector@petro-fs.com

Operator must have a valid water right or permit allowing for industrial use or purchased water from a seller that has a valid water right or permit allowing for industrial use, otherwise an application for a change in type of use is required under Colorado law. Operator must also use the water in the location set forth in the water right decree or well permit, otherwise an application for a change in place of use is required under Colorado law. Section 37-92-103(5), C.R.S. (2011).

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: Matthew Lee Director of COGCC Date: 1/31/2013

#### API NUMBER

05 073 06509 00

Permit Number: \_\_\_\_\_ Expiration Date: 1/30/2015

#### 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 prior to spud via electronic Form 42.
- 2) Ensure coverage of Cheyenne and Dakota and all other aquifers behind surface casing. Use stage cementing and 1" top out as needed to pump cement from surface casing shoe to surface per Rule 317.
- 3) If production casing is set provide cement coverage to at least 200' above the shallowest completed interval. Run and submit CBL to verify cemented intervals.
- 4) If well is a dry hole set plugs at the following depths: 40 sks cement +/- 50' above the MSSP, 40 sks cement +/- 50' above the Marmaton, 40 sks cement +/- 50' above any DST w/ show, 50 sks cement from 50' below surface casing shoe up into surface casing, 40 sks cement at 500', 15 sks cement in top 50' of surface casing, cut 4 ft below GL, weld on plate, 5 sks cement each in rat hole and mouse hole.

### **Applicable Policies and Notices to Operators**

Notice Concerning Operating Requirements for Wildlife Protection.

### **Attachment Check List**

| Att Doc Num | Name                 |
|-------------|----------------------|
| 2485243     | SURFACE CASING CHECK |
| 400364230   | FORM 2 SUBMITTED     |
| 400365969   | WELL LOCATION PLAT   |
| 400366448   | 30 DAY NOTICE LETTER |

Total Attach: 4 Files

### **General Comments**

| <b><u>User Group</u></b> | <b><u>Comment</u></b>   | <b><u>Comment Date</u></b> |
|--------------------------|---|----------------------------|
| Permit                   | Final review completed; no public comment received.                             | 1/31/2013<br>10:16:12 AM   |
| Permit                   | The nearest well producing/permitted/pending permit approval is 6.5 miles away. | 1/29/2013<br>1:49:33 PM    |
| LGD                      | County Permit #1307   | 1/10/2013<br>1:51:24 PM    |
| Permit                   | Operator made correction. Ready to pass completeness.                           | 1/10/2013<br>12:41:12 PM   |
| Permit                   | Returned to draft. Line 22b should be 20040084, not the plugging bond#.         | 1/10/2013<br>11:02:06 AM   |

Total: 5 comment(s)

## BMP

| <u>Type</u>                    | <u>Comment</u>   |
|--------------------------------|--|
| Site Specific                  | Keep well site location, road and pipeline easement free of noxious weeds, litter and debris.<br>Spray for noxious weeds and implement dust control as needed.<br>Operator will not permit the release or discharge of any toxic or hazardous chemicals or wastes on Owner's Land.<br>Construct and maintain gates where any roads used by operator, its employees or contractors cross through fences on the leased premises.   |
| Construction                   | Remove only the minimum amount of vegetation necessary for the construction of roads and facilities.<br>Conserve topsoil during excavation and reuse as cover on disturbed areas to facilitate regrowth of vegetation.<br>No construction or routine maintenance activities will be performed during periods when the soil is too wet to adequately support construction equipment.  |
| Interim Reclamation            | Utilize only such area around each producing well as is reasonably necessary.<br>Restore the remainder of the well site location to its original condition within a reasonable amount of time after the completion of operations.<br>All reseeding shall be done with grasses consistent with the Rocky Mountain native mix or other grasses reasonably requested by surface owner and during planting period suggested by Owner.  |
| Final Reclamation              | All surface restoration shall be accomplished to the satisfaction of the Owner.<br>All reseeding shall be done with grasses consistent with the Rocky Mountain native mix or other grasses reasonably requested by surface owner and during planting period suggested by Owner.<br>Final reclamation shall be completed to the reasonable satisfaction of the Owner as soon as practical after installation (weather permitting) and in accordance with regulatory agency standards (BLM/COGCC). |
| Drilling/Completion Operations | The drilling pit will be lined.  |

Total: 5 comment(s)