

FORM  
2

Rev  
12/05

# State of Colorado Oil and Gas Conservation Commission

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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 FSL 2567 feet 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 10:16:12 AM
Permit	The nearest well producing/permitted/pending permit approval is 6.5 miles away.	1/29/2013 1:49:33 PM
LGD	County Permit #1307	1/10/2013 1:51:24 PM
Permit	Operator made correction. Ready to pass completeness.	1/10/2013 12:41:12 PM
Permit	Returned to draft. Line 22b should be 20040084, not the plugging bond#.	1/10/2013 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. Spray for noxious weeds and implement dust control as needed. Operator will not permit the release or discharge of any toxic or hazardous chemicals or wastes on Owner's Land. 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. Conserve topsoil during excavation and reuse as cover on disturbed areas to facilitate regrowth of vegetation. 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. Restore the remainder of the well site location to its original condition within a reasonable amount of time after the completion of operations. 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. 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 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)