

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:

400193768

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: Judy Glinisty Phone: (303)675-2658 Fax: (303)294-1275

Email: Judy.Glinisty@pxd.com

7. Well Name: Marla Well Number: 33-20

8. Unit Name (if appl): N/A Unit Number: N/A

9. Proposed Total Measured Depth: 1775

WELL LOCATION INFORMATION

10. QtrQtr: NW/SE Sec: 20 Twp: 31S Rng: 65W Meridian: 6

Latitude: 37.328040 Longitude: -104.693700

Footage at Surface: 1611 feet FNL/FSL 2162 feet FEL/FWL FEL

11. Field Name: Purgatoire River Field Number: 70830

12. Ground Elevation: 7137 13. County: LAS ANIMAS

14. GPS Data:

Date of Measurement: 06/28/2011 PDOP Reading: 5.2 Instrument Operator's Name: Ryan 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: 160 ft

18. Distance to nearest property line: 164 ft 19. Distance to nearest well permitted/completed in the same formation: 2149 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 - Vermejo	RT-VJ	N/A		N/A

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):

SEE ATTACHED

25. Distance to Nearest Mineral Lease Line: 222 ft

26. Total Acres in Lease: 520

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: 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	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top
CONDUCTOR	12	13+3/8	33.38	0	6			
SURF	12	8+5/8	24	0	690	144	690	0
1ST	7+7/8	5+1/2	15.5	0	1,775	263	1,775	0

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

33. Comments The conductor casing will be hammered in. Surface casing exception required for 650 feet due to the COGCC requiring at surface casing depth of 690 feet. This would leave behind ~3 feet of net Raton or ~15% of net Tr coal. Water well is 1,781 feet away (S) and the receipt number is 306106.

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: Judy Glinisty

Title: Sr. Engineering Tech Date: 8/10/2011 Email: Judy.Glinisty@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. Nashin

Director of COGCC Date: 9/12/2011

API NUMBER

05 071 09895 00

Permit Number: _____ Expiration Date: 9/11/2013

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.

Rig height must not exceed 106 feet.

- 1) Provide 48 hour notice of MIRU to John Duran at 719-846-4715.
- 2) Set at least 690' of surface casing per Rule 317d, cement to surface. Due to water well (Rcpt #0306106 located 1780' S) the COGCC staff will not grant an exception to this surface casing requirement.
- 3) Provide cement coverage of production casing from TD to surface casing shoe or above. Verify coverage with cement bond log.
- 4) Do not perforate above 810' (200' below WW's w/in ¼ mi - Rcpt #3623945 located 1240' W).
- 5) 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
1792293	CORRESPONDENCE
2505792	SURFACE CASING CHECK
400193768	FORM 2 SUBMITTED
400193773	30 DAY NOTICE LETTER
400193775	LEGAL/LEASE DESCRIPTION
400193776	CONSULT NOTICE
400193777	WELL LOCATION PLAT

Total Attach: 7 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Rig height will be 66'. BY	3/8/2011 8:32:25 AM
Permit	Overhead powerline is 160' from wellhead, emailed Judy Glinisty to ask rig height (<107') or deactivation of power line. BY	3/8/2011 7:24:11 AM

Total: 2 comment(s)

BMP

<u>Type</u>	<u>Comment</u>

Total: 0 comment(s)